



EASST-4S 2024 Amsterdam Chronological program

This program was compiled on 3 July and does not reflect the changes made to the schedule after this date. For the most up to date and detailed program, please refer to the [online timetable](#) and [panel explorer](#). The online program is fully searchable, you can filter by panel format, explore the participant list, and, if logged in to your account, create your own schedule by starring the events you are most interested in.

How to read the room numbers:

HG-2A00 - HG indicates that the room is in the Main Building (Hoofd Gebouw), on the 2nd floor, in wing A, room 00. For Auditorium, Aula, Aurora and Forum rooms, follow the signs on the ceiling.
NU-3B05 - NU indicates that the room is in the NU building (Nieuwe Universiteitsgebouw), on the 3rd floor, in wing B, room 05. For the Theatre rooms, follow the signs on the ceiling.

Monday 15 July

09:45-17:00

Pre-conference workshop: Closed workshop by the critical infrastructure lab and REDE (Rede de Pesquisa em Governança da Internet)

Note: This workshop will exceptionally NOT be held at VU university, but at an alternative venue.
Bushuis/Oost-Indisch Huis, Kloveniersburgwal 48, Room F.001

11:00-16:00

4S Council meeting - closed meeting

Forum 3, main building

11:00-13:30

EASST-4S 2024 Volunteer training

HG05A00, main building

13:00-18:00

EASST Council meeting - closed meeting

Forum 4, main building

15:00-18:00

Reception desk open

Main building, entrance

17:00-18:00

Getting ready to present and connect - coaching segment

Online

Have you never felt awkward at an academic conference?

Never felt stressed about presenting? Self-conscious while mingling? Tongue-tied when asked about your research? Left out or overlooked in conversations? Taken aback by an unexpected comment or question?

If these are foreign experiences to you, consider yourself among the 1%!

For everyone else, we offer this coaching segment as an opportunity to get mentally and emotionally ready to step in and navigate the social space of the EASST-4S conference.

Online sessions will take place on Monday, Tuesday, and Wednesday, at the edges of the conference programme. You can attend from the comfort of your hotel room or home, in your pyjamas if you like.

The segment is presented by academic life coach Cateljine Coopmans. Scan to find out more: <https://www.easst4s2024.net/presentingandconnecting/>



Tuesday 16 July

07:30-08:00

Getting ready to present and connect - coaching segment

Online

Presented by academic life coach Catelijne Coopmans. More info: <https://www.easst4s2024.net/presentingandconnecting/>

08:00-17:30

Reception desk open

Main building, entrance

09:00-10:30

Pre-conference workshop: ECR workshop session

Aurora, Main building

10:30-12:00

Session 1a

CP439 Analyzing Human-Technology Relations: Apps, Tablets, and Telemedicine

Closed Panel

Convenor: Finn Olesen (Aarhus University)

Chair: Finn Olesen (Aarhus University)

Discussants: Markus Bohlmann (University of Muenster); Annie Kurz (Hessen State University of Art and Design); Vincent Laliberté (McGill University); Finn Olesen (Aarhus University)

HG-11A24: Tue 16 Jul 10:30-12:00

Aesthetic promises of digital detoxing: toward a postphenomenology of apps against apps

Annie Kurz (Hessen State University of Art and Design)

Transforming schools through the use of tablets - results of an in-depth interview study with early adopters

Markus Bohlmann (University of Muenster)

Teleconsultations, empathy and postphenomenological investigations

Finn Olesen (Aarhus University)

Ethical transformation and digital technology: an ethnographic engagement with animal rights activists

Vincent Laliberté (McGill University)

P004 Assetization as techno-economic lock-in

Traditional Open Panel

Convenors: Kean Birch (York University); Jane Bjørn Vedel (Copenhagen Business School)

Chair: Kean Birch (York University)

Discussant: Anetta Proskurovska

HG-KC07: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00, Wed 17 Jul 08:30-10:00

Making data markets: the value of assetization and the assetization of values in a digital health start-up

Joseph Donia (University of Toronto); Jennifer Gibson (University of Toronto); Jay Shaw (University of Toronto); Remziye Zaim (University of Toronto)

Smart device manufacturing and the trade-rentiership convergence

Greti-Iulia Ivana (University of Glasgow)

Natural Capital tools and devices – reinforcing or weakening logics of assetisation?

José Antonio Ballesteros Figueroa (Monterrey Institute of Technology and Higher Education - Santa Fe); Kerry Waylen (James Hutton Institute)

Mobile sands and land fixations. Tracing the roots of land assetization, a Romanian (hi)story

Razvan Papisima (National University of Political Studies and Public Administration, Bucharest)

Big tech, data assets and the making of (im)moral markets: artificial intelligence as the next chapter

Susi Geiger (University College Dublin); Nicole Gross (National College of Ireland)

P021 Imagining and making post-fossil futures

Combined Format Open Panel

Convenors: Jeroen Oomen (Utrecht University); Lisette van Beek (Utrecht University)

HG-14A33: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Transformative constitutional moments in assessments towards sustainability?

Silke Beck (TUM)

Social science research on climate futures as performative intervention

Stefan Aykut (Universität Hamburg); Anna Fünfgeld (University of Hamburg)

Arctic has nothing to do with the Arctic: the shared pitfalls of academic and economic development language and narratives
Eric Boyd (Durham University)

[re]capture: materials and art-science interventions for speculating new air futures
Alice Jarry (Concordia University)

Music declares emergency – climate activism and imaginaries of change in the music industry
Daniela Weinmann (University of Zurich)

P024 Doing digital care and spatial transformations

Combined Format Open Panel

Convenors: Dara Ivanova (Radboud University Nijmegen); Daryl Martin (University of York); Thorben Simonsen (The Danish Center for Social Science Research)
NU-2B18: **Tue 16 Jul 10:30-12:00**

Re-configuring (health)care spaces: everyday digital technologies in transnational care collectives
Tanja Ahlin (University of Amsterdam)

Reconfiguring therapeutic spaces in epilepsy care
Frederike Fahse (Zealand University Hospital)

Technogeographies of care: doing digital care work in institutional care spaces
Marlene Hobbs (University of Bonn)

Carescape transformers: the roles of robot engineers in an acute care hospital work system

Masako Kitamura (Shiga University of Medical Science); Naonori Kodate (University College Dublin); Sebastien Lechevalier (EHSS); Yuki Maura (Shiga University of Medical Science); Mayuko Tsujimura (Shiga University of Medical Science)

P026 Making care and home for old people with digital technologies

Combined Format Open Panel

Convenors: Doris Lydahl (University of Gothenburg); Niels Christian Mossfeldt Nickelsen (University of South-eastern Norway)
HG-02A24: **Tue 16 Jul 10:30-12:00**

Caring communities and homemaking in the nursing home with digital technologies
Linda Pasch (University of Bonn)

Ageing at home with telecare equipment: appropriation, arrangement, circumvention
Aline Boeuf (University of Geneva)

Assemblages of autonomy and dependency - care robots in the wild

Miquel Domènech (Universitat Autònoma de Barcelona); Doris Lydahl (University of Gothenburg); Niels Christian Mossfeldt Nickelsen (University of South-eastern Norway); Hilde Thygesen (University of South-Eastern Norway)

Problematising the 'home' of home care: place of freedom, industry's 'next frontier,' or a heterotopia of old age?
Jussara dos Santos Raxlen (Bard College)

Infrastructuring voices, homes and healthcare: digital voice assistants and ageing in smart homes

Sara Marie Ertner (IT University of Copenhagen); Stina Jørgensen (IT University); Signe Louise Yndigeegn (IT University of Copenhagen)

P038 Navigating the intersections between Just Transitions and STS: experiences from the field

Traditional Open Panel

Convenor: Tessa Boumans (Erasmus University Rotterdam)
Chair: Tessa Boumans (Erasmus University Rotterdam)
NU-2B11: **Tue 16 Jul 10:30-12:00**

Ensuring a just transitions in sustainable palm oil: an innovation diffusion and actor-network analysis of sustainability standards for small palm oil farmers

Pieter Stek (Asia School of Business)

Infrastructuring technopolitical transitions: practices and horizons of sociotechnical democratization in Decidim

Andreu Belsunces (Universitat Oberta de Catalunya); Antonio Calleja-López (Internet Interdisciplinary Institute Universitat Oberta de Catalunya)

P042 Entangling mind and machine: artificial intelligence, neuroscience and neurotechnology

Traditional Open Panel

Convenors: Christine Aicardi (King's College London); Tara Mahfoud (University of Essex)
NU-5A47: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

I think that using a BCI, for me, awakens a second avenue of creative processes: phenomenological descriptions of using implantable neurotechnologies from brain pioneers

Andrew Brown (University of Washington); Sara Goering (University of Washington); Eran Klein (Oregon Health and Science University)

AI as infrastructural cognition? Challenges for human autonomy from a new materialist perspective

Daniele Cavalli (École Normale Supérieure de Paris - PSL Research University)

Hybrid legalities between robot- and neuro-rights

Marc De Leeuw (University of New South Wales)

P078 The environmentalization of economics

Traditional Open Panel

Convenors: Béatrice Cointe (Centre de Sociologie de l'Innovation (CSI)); Kewan Mertens (Armines, Ecoles des Mines de Paris, Paris Sciences et Lettres (PSL)); Alexandre Violle (Mines Paris)

HG-09A16: Tue 16 Jul 10:30-12:00, 13:30-15:00

Bureaucrats entangled in economics? Making industrial policy for Danish power-to-x

Ask Greve Johansen (Aalborg University); Jens Luel-Stissing; Peter Holm Jacobsen (Copenhagen Business School); Julia Kirch Kirkegaard (Technical University of Denmark)

Greening national accounts with natural patrimony? Lessons from the French Experience (1978-1986)

Camille Beaurepaire (EHESS); Quentin Dufour (ENS-EHESS); Thomas Kekenbosch (EHESS)

Down to earth: spatializing the exposure of financial institutions to climate change

Ian Gray

The 'natural' form of economics in the 21st century techno-scientific capitalism

Ashima Mittal (University of Chicago)

P089 Epistemic Corruption: Claims, Contestations and The Fragility of Knowledge Systems

Traditional Open Panel

Convenors: Nishtha Bharti (University of Oxford); Sergio Sismondo (Queen's University)

Chair: Sergio Sismondo (Queen's University)

Discussants: Karin Knorr Cetina (University of Chicago); Sally Wyatt (Maastricht University)

HG-14A00: Tue 16 Jul 10:30-12:00, 13:30-15:00, Wed 17 Jul 16:00-17:30

Epistemic corruption: a taxonomy of decay

Daryn Lehoux (Queen's University); Sergio Sismondo (Queen's University)

The limits of stakeholder engagement: epistemic crisis and the US census

Danah Boyd (Microsoft Research)

When retractions backfire: conspiracy and denial in attention to COVID-19 retractions

Rod Abhari (Northwestern University)

What about self-regulation of science?

Marta I González García (University of Oviedo); Ana Muñoz van den Eynde (CIEMAT)

P091 Accounting for carbon: climate mitigation and the socio-technical networks of carbon accounts, valuation, and exchange

Traditional Open Panel

Convenors: Shaila Seshia Galvin (Geneva Graduate Institute); Diego Enrique Silva Garzon (Graduate Institute of International and Development Studies)

Chair: Shaila Seshia Galvin (Geneva Graduate Institute)

Discussant: Jerome Whittington (New York University)

HG-08A20: Tue 16 Jul 10:30-12:00

C of community: making a traditional community “auditable”

Barbara Abrahao (University of Oxford)

Accounting for carbon after development: (un)making of carbon aspirations in a Colombian frontier

Juan Felipe Riano Landazabal (University of California, Los Angeles (UCLA))

Examining the performative nature of data in resignifying forest(lands) in northeast India

John Paulraj (Geneva Graduate Institute)

Accounting against accountability: agri-food systems and the politics of residual emissions

Silke Beck (TUM); Wim Carton; Fiona Kinniburgh (Technical University of Munich)

P095 Interrogating openness and equity in the data-centric life sciences

Traditional Open Panel

Convenors: Paola Castano (University of Exeter); Sabina Leonelli (University of Exeter)

HG-08A33: Tue 16 Jul 10:30-12:00, 13:30-15:00

Democracy, institutions, and pluralism: unpacking the concept of openness in science

Ludovica Paseri (University of Turin)

Science on a grid(lock): what a distinction between vertical vs horizontal modes of research reveals about epistemic injustices in agricultural science

Fotis Tsiroukis (University of Exeter)

Fostering openness and equity in agricultural knowledge production: collaborative practices at the crops research institute, Ghana

Joyce Koranteng-Acquah (University of Exeter)

Studying homes in the urban South through auto-ethnographic-exercises and water-quality-work
Tatiana Acevedo-Guerrero (Utrecht University)

P111 Knowledge politics in/through/with microbes

Traditional Open Panel

Convenors: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

Chairs: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

HG-12A00: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Degrees of Knowing: on who can detect, measure, and know microbes in natural sake brewing

Maya Hey (Centre for the Social Study of Microbes, University of Helsinki)

Japanese pickles and the awai politics of ontology and epistemology

Aya Kimura (University of Hawaii-Manoa)

Sensing microbes: a holobiont's perspective

Joshua Evans (Technical University of Denmark); Tiffany Mak (The Novo Nordisk Foundation Center for Biosustainability (DTU Biosustain))

Comparison as knowing: a case of a Rotterdam soy sauce maker

Wakana Suzuki (Osaka University)

P115 Global socio-technical imaginaries of AI

Combined Format Open Panel

Convenors: Shazeda Ahmed (University of California, Los Angeles); Mashinka Firunts Hakopian (ArtCenter College of Design);

Maya Indira Ganesh (University of Cambridge); Rida Qadri; Noopur Raval (UCLA); Xiaowei Wang (UCLA)

Discussant: Ranjit Singh (Data Society Research Institute)

Theater 2, NU building: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

The labour of bots and digital humans: no ghost, just a shell

Alexandra Anikina (Winchester School of Art, University of Southampton)

What my GenAI is not telling me: concealment, queerness, and authorial imaginaries in 'Asia'

Nishant Shah (The Chinese University of Hong Kong)

Unmasking the queer in machine translation: a socio-technical inquiry into Chinese-English ai translation, with a DeepL case study

Qingyi Ren (Basel Academy of Art and Design FHNW and University of Arts Linz)

Democracy, sovereignty and the great AI race: socio-technical imaginaries of AI in the Brussels bubble

Johannes Anttila (Demos Helsinki)

P119 Science and scientists in the public sphere. New trends in science and society relationship.

Traditional Open Panel

Convenors: Giuseppe Pellegrini (Università di Trento); Andrea Rubin (University of Ferrara (Italy))

HG-11A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Negotiating the tensions of media visibility: mediatization patterns of visible scientists

Arko Olesk (Tallinn University)

Everyday celebrity scientists

Barbara Saracino (University of Bologna)

Navigating climate scholar-activism: a South African perspective

Farzana Bashiri (Lund University)

Forest struggles – forest researchers' interventions in public debates over climate-related forest dieback in Germany

Manuel John (University of Freiburg); Philipp Mack (University of Freiburg); Ronja Mikoleit (Forest Research Institute Baden-Württemberg (FVA), Germany)

P133 Transforming the study of cancer

Combined Format Open Panel

Convenors: Violeta Argudo-Portal (Universitat de Barcelona); Masha Denisova (Maastricht University)

NU-4B43: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Networks of (in)justice: towards data justice in the surveillance of cancer in sub-Saharan Africa

Thandeka Cochrane (King's College London); David Reubi (King's College London)

Surveillance and spatialisation: cancer registration in contemporary India (part of the political stakes of cancer network)

Nick Surawy Stepney (King's College London)

Anticipating the absence of cancer: shaping cancer futures through UK detection initiatives

Anna Dowrick (University of Oxford)

P134 Infrastructuring postgrowth futures

Combined Format Open Panel

Convenors: Corelia Baibarac-Duignan (University of Twente); Tamalone Eijnden (University of Twente); Steven McGreevy (University of Twente); Esther Turnhout (University of Twente)

Chairs: Corelia Baibarac-Duignan (University of Twente); Esther Turnhout (University of Twente)

NU-6A52: Tue 16 Jul 10:30-12:00

Knowledges and the challenge of prefiguring diverse economies

Yvonne Rydin (University College London)

Materiality and the stuff of infrastructured life: eBird as hard case for better knowledge infrastructures that contribute to liveable futures

Anne Beaulieu (University of Groningen)

Flipping personas in design for a postgrowth world

Lenneke Kuijer (Eindhoven University of Technology); Matthias Laschke (University of Siegen); Sacha Prudon (Eindhoven University of Technology)

Revolutionary greys: the politics and poetics of in-betweenness for transformative urban farming initiatives

Tamalone Eijnden (University of Twente)

P156 Cloud, infrastructure, and scale-making

Traditional Open Panel

Convenors: Devika Narayan (University of Bristol); Jean-Christophe Plantin (London School of Economics and Political Science)

NU-3B05: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

The infrastructural state: large-scale AI computing as a public utility

Fabian Ferrari (Utrecht University)

Containers, consolidation, and capital: a history of the logistics of software

Nathan Kim (University of Michigan School of Information)

Cloud computing and the new conditions of scale making

Devika Narayan (University of Bristol)

The political geography of AI compute: mapping GPU clusters in the cloud

Zoe Hawkins (Australian National University); Vili Lehdonvirta; Boxi Wu (Oxford Internet Institute, Oxford University)

P158 Doing diversity: difference, equity and inclusion in biomedical research

Traditional Open Panel

Convenors: Giulia Sinatti (Vrije Universiteit Amsterdam); Eva Vernooij (Utrecht University)

Chairs: Giulia Sinatti (Vrije Universiteit Amsterdam); Eva Vernooij (Utrecht University)

Discussant: Catherine Montgomery (University of Edinburgh)

HG-05A16: Tue 16 Jul 10:30-12:00, 13:30-15:00

Doing diversity and inclusion within an interdisciplinary health research

Zana Costa Chadud Cosac; Yoheng Liu (University of Amsterdam); Soely Mandrone (Universiteit van Amsterdam); Gerben Moerman (University of Amsterdam); Carla Rodrigues (University of Amsterdam); Gerlieke Veltkamp (University of Amsterdam)

Ethnicity: the biological life of a socio-cultural category in Germany

Isabelle Bartram (University of Freiburg); Tino Plümecke (University of Freiburg)

Doing what exactly under the umbrellas of difference, inclusion and participation in Dutch health research?

Yoheng Liu (University of Amsterdam)

P167 World-making and pragmatism: research practices in dialogue

Traditional Open Panel

Convenors: Sarah B. Evans-Jordan (Norwegian University of Science and Technology (NTNU)); Carrie Friese (London School of Economics and Political Science); Tamara Pascale Schwertel (University clinic Koeln)

Discussants: Renate Baumgartner (VU Amsterdam); Ursula Offenberger (University of Tübingen, Germany)

HG-06A32: Tue 16 Jul 10:30-12:00, 13:30-15:00

Orders, situations, boundaries: exploring sorting practices from different pragmatist perspectives

Bettina Grimmer (Pädagogische Hochschule Zürich)

Rolling with the punches: transformation as a social world survival strategy

Sarah B. Evans-Jordan (Norwegian University of Science and Technology (NTNU)); John-Arne Skolbekken (Norwegian University of Science and Technology (NTNU))

Situational analysis and discursive enactment of futures in education

Anders Buch (VIA University College); ylva lindberg (Jönköping University)

P204 Imagineering the future: water, infrastructure and human values

Traditional Open Panel

Convenors: Gabrielle Bouleau (Inrae); Peter Mollinga (ZEF Bonn University); Sophie Tabouret (EHESS-CIRED)

HG-13A33: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Warm bodies meet cold tools: the unique intersection of the state, experts, and the marginalized public during the development of water management infrastructure in Seoul and Busan

Hai Ri (Sophia) Jeon (Cornell University)

Coproduction of alternate waterscapes by assembling environmental motifs in a heuristics of fear

Gabrielle Bouleau (Inrae)

Drinking water quality: a political topic? How the national commission for public debate framed the participatory debate about SEDIF's reverse osmosis project

Vivien Rebière

P218 The times of nuclear energy cultures

Traditional Open Panel

Convenors: Sarah Glück (Federal Ministry for the Safety of Nuclear Waste Management); Hannah Klaubert (Linköping University, Sweden); Sergiu Novac (Linköping University)

Chair: Sarah Glück (Federal Ministry for the Safety of Nuclear Waste Management)

NU-6A25: **Tue 16 Jul 10:30-12:00**

Nuclear pasts and futures at display – visitor center exhibits as scalar vehicles

Hannah Klaubert (Linköping University, Sweden)

Nuclear cultural heritage in the context of long-term nuclear waste governance

Alexandra Lampke (Oeko-Institut e.V. (Institute for Applied Ecology)); Melanie Mbah (Institute for Applied Ecology (Öko-Institut)); Viktoria Noka (Oeko-Institut)

Promising the future of nuclear fusion: performativity of a materialised vision

Masafumi Nishi (AIT, Austrian Institute of Technology)

Stretching nuclear borders: siting, decommissioning, and the socioecological transformations at nuclear sites

Davide Orsini (LMU)

Free waste, or free from waste: conflicts around the free release of very low-level nuclear waste from decommissioning in Germany

Sergiu Novac (Linköping University)

P226 Technology, religion, and transforming the secular

Combined Format Open Panel

Convenors: Marie Stettler Kleine (Colorado School of Mines); Yunus Telliel (Worcester Polytechnic Institute)

HG-09A32: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

UFO phenomenon as challenge to secular/religious paradigm

Aaron French (Universität Erfurt)

Emancipation through digital chaos: cyberpunk's techno-spirituality and religio-technical cosmology

Ari Ben-Arie (The Hebrew University of Jerusalem)

Engineering for good: A secular humanitarianism?

Marie Stettler Kleine (Colorado School of Mines)

Faith in AI

Wes King (University of Washington)

P228 Rebooting the STS programme for AI: emerging controversies and methods for studying 21st-century artificial intelligence

Traditional Open Panel

Convenors: Nicolas Chartier-Edwards (Institut National de la Recherche Scientifique); Etienne Grenier (Institut national de la recherche scientifique); Jonathan Roberge (National Institute of Scientific Research, Canada)

Discussants: Maud Barret Bertelloni (Sciences Po Université Technologique de Compiègne); Michael Castelle (University of Warwick); Nicolas Chartier-Edwards (Institut National de la Recherche Scientifique); Etienne Grenier (Institut national de la recherche scientifique)

HG-02A37: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Hail to the doomers: narratives of control / control of narratives in the generative AI era

Jonathan Roberge (National Institute of Scientific Research, Canada)

The garden of unearthly LLM delights: have we been tricked down the path?

Etienne Grenier (Institut national de la recherche scientifique)

At the gates: industrial monopoly on GPU as a site of controversy

Nicolas Chartier-Edwards (Institut National de la Recherche Scientifique)

Accounting for AI problems from practice

Robin De Mourat (Sciences Po); Pauline Gourlet (Sciences Po)

P244 STS as a research approach in China

Traditional Open Panel

Convenors: Anna Ahlers (Max Planck Institute for the History of Science); Andrea Braun Střelcová (Max Planck Institute for the History of Science); Annina Lattu (Tampere University, Peking University, Max Planck Institute for the History of Science); Jing Wang (Max Planck Institute for the History of Science)

Chair: Anna Ahlers (Max Planck Institute for the History of Science)

Discussants: Erik Baark (Max Planck Institute for the History of Science); Franziska Marliese Fröhlich (Max Planck Institute for the History of Science); Yishu Mao (Max Planck Institute for the History of Science)

Theater 7, NU building: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

History as the driver of scientific research: a marginalised STS tradition in the Chinese context

Jianan Huang; Dian Zeng (Beijing Normal University)

The institutional evolution of China's STS from the perspective of institutional entrepreneurship: policy development and discipline construction

Jiani Li (Zhejiang University); Xiangyu Zhou (Zhejiang University)

Politics of science in China: STS or political science?

Chao Gu (Peking University)

Seeking modern from tradition: transnational conversations in 1920s between Japanese astronomer Shinjo Shinzo and Tsinghua scholars on Chinese history of astronomy

Xudong Gao (Tsinghua University and Tokyo Institute of Technology); Jian YANG (Tsinghua Shenzhen International School, Tsinghua University)

P245 Artistic Research As Generous Practice

Combined Format Open Panel

Convenors: Ulrike Scholtes (Maastricht Institute of Arts); Ties van de Werff (research centre What Art Knows, Zuyd University of Applied Sciences)

HG-05A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Designing art-as-care

Jeannette Pols (University of Amsterdam)

Floral fasciation: how can plant mutations allow us to reimagine disability as a valuable form of biodiversity?

Arseli Dokumaci (Concordia University); Emery Vanderburgh (Concordia University)

Oppositional practices and institutions: the case of stalker in Rome

Saskia Gribling (Politecnico di Torino)

P251 Alternative urban knowledge practices amidst transformation & resistance

Traditional Open Panel

Convenors: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna); Pouya Sepehr (Humboldt University of Berlin)

Chairs: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna)

HG-15A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Navigating homelessness: establishing a sense of place and creating home

vandana Gopikumar (The Banyan, The Banyan Academy of Leadership in Mental Health); Deborah K Padgett (New York University); Purnima Prakash (The Banyan); Mrinalini Ravi; Teun Zuiderent-Jerak (VU Amsterdam)

Making urban agriculture work: knowledge and practice in the emergence of London's City Farms

Jens Lachmund (Maastricht University)

Embracing otherness: designing caring urban spaces beyond humanistic assumptions

Samanta Alarcon-Arcos; Sebastian Rojas-Navarro (Universidad Andres Bello)

P252 Feminist biologies: models, practices and engagements

Combined Format Open Panel

Convenors: Sam Fernández Garrido (Universidad de Granada); Andrea Núñez Casal (Spanish National Research Council (CSIC)); María J Santesmases (Consejo Superior de Investigaciones Científicas (CSIC))

NU-5A57: **Tue 16 Jul 10:30-12:00**

Stem cells, menstrual blood and feminist perspectives

Daniela Manica (Universidade Estadual de Campinas); Fernanda Mariath (Universidade Estadual de Campinas (UNICAMP))

Trees, transfers, and gifts: placental thinking in biomedical research

Taylor Riley (University College London)

The controversy over sex differences in evolutionary biology – a feminist science study

Malin Ah-King (Stockholm University)

Expertise, eligibility regulation, and the case for feminist dialogue with the unregulated majority in women's sport

Madeleine Pape (University of Lausanne)

P271 Making and doing hormonal theory

Combined Format Open Panel

Convenors: Roslyn Malcolm (Durham University); Celia Roberts (Australian National University)

Chairs: Sone Erikainen (University of Aberdeen); Andrea Ford (University of Edinburgh); Lisa Raeder (University of Edinburgh)

HG-07A32: Tue 16 Jul 10:30-12:00, 13:30-15:00

The hormonalization of masculinity: testosterone tales

Marlene Hartmann

Which stories are steroids used to tell the in Danish news?

Lea Skewes (The Institute of Culture and Language)

Where have all the hormones gone? Re-searching for T in an orthodox Jewish women's Yeshiva

Shira Schwartz (Northwestern University)

Gendered conceptualizations of progesterone in endometriosis

Maria Temmes (Tampere University)

GLP-1 receptor agonist and the problems with appetite

Jieun Lee

Endocrine disruption tracker tool

Lenka Veselá (Faculty of Fine Arts, Brno University of Technology)

P310 Re-novation – regional imaginaries of innovation, identities and power

Traditional Open Panel

Convenors: Joakim Juhl (TU Munich); Nadine Osbild (TU Munich); Sebastian Pfothenhauer (Technical University of Munich);

Marlise Schneider (Technical University of Munich)

Theater 5, NU building: Tue 16 Jul 10:30-12:00

Innovation as culture

Nadine Osbild (TU Munich); Sebastian Pfothenhauer (Technical University of Munich)

Top-down vs. bottom-up: grassroots innovators and self-directed development in Indonesia

Regina Sipos (Technical University of Munich)

A very small club: sovereignty and innovation through Argentina's biotech sector

Gabriela Bortz (Universidad Nacional de San Martín); Geneva Smith (Dartmouth College)

Innovation, normativity and social order – analytic guidelines for studies of innovation and normativity

Joakim Juhl (TU Munich)

P396 Probing openness in biomedical platforms: global health meets Open Science

Traditional Open Panel

Convenors: Ann Kelly (King's College London); Sonja Van Wichelen (University of Sydney)

Chair: Warwick Anderson

Discussant: Alondra Nelson

Theater 1, NU building: Tue 16 Jul 10:30-12:00

Accelerated global health R&D: vaccine platforms and vectors of regulatory magnitude

Ann Kelly (King's College London)

Toward shared governance: (re)forming the biomedical platform of "open" health data sharing at an academic medical center

Sara Ackerman (University of California San Francisco); Juliana Friend (University of California, San Francisco)

Bioinformational platforms in the globalization of precision medicine

Sonja Van Wichelen (University of Sydney)

Bodies of data: accidents, injuries and compensation in Pakistan's worker health system

Ramsha Usman (UCSB)

From emergence to emergency: organoids at the forefront of infectious disease research

Amy Hinterberger (University of Warwick); Aleksandra Stelmach (King's College London)

W487 Emotional research. Creating embodied knowledge through the lens of ethics and care.

Workshop

Convenors: Beatrice Cera; Diego Reindel

HG-09A24: Tue 16 Jul 10:30-12:00

Session 1b**CP458 Multispecies Temporalities and Technoenvironmental Racialization in Latin America****Closed Panel**

Convenors: Mara Dicenta (William and Mary); Columba González-Duarte (The New School for Social Research); Nathalia Hernández Vidal (University of Oregon); Alberto Morales (Drexel University)

Chair: Alberto Morales (Drexel University)

Discussants: Elaine Gan (Wesleyan University); José Gómez (Universidad de Cuenca)

HG-10A33: Tue 16 Jul 11:00-12:30

Tuning to the seeds: indigenous temporal practices to resist techno-modernity

Nathalia Hernández Vidal (University of Oregon)

Laboratory death: more-than-human temporalities of abandonment, care, and persecution

Mara Dicenta (William and Mary)

More-than-human temporalities and techno-racialization at the Mexican monarch butterfly reserve

Columba González-Duarte (The New School for Social Research)

Along with the ants: multispecies experiments and technoenvironmental racialization in knowledge production

Alberto Morales (Drexel University)

P030 Making and doing just infrastructures in healthcare**Combined Format Open Panel**

Convenors: Lauren Olsen (Temple University); Kelly Underman (Drexel University); Alexandra Vinson (University of Michigan)

Chairs: Lauren Olsen (Temple University); Kelly Underman (Drexel University); Alexandra Vinson (University of Michigan)

HG-06A00: Tue 16 Jul 11:00-12:30, 14:00-15:30

Towards a sustainable culture of reflexivity: on embedding continuous learning and improvement practices in healthcare organizations

Gianna Marsman (Vrije Universiteit Amsterdam); Carina Pittens (VU University Amsterdam); Tjerk Jan Schuitmaker-Warnaar (UvA)

Reshaping digital health: exploring infrastructural dynamics and transformative goals

Daniel Curto-Millet; Tomas Lindroth (University of Gothenburg); Måjt Wik (SCDI University of Gothenburg)

Burnout, quantification, and emotional (in)justice in the medical profession

Kelly Underman (Drexel University)

P044 "Infrastructuring" digital sovereignty: exploring infrastructure-based digital self-determination practices**Traditional Open Panel**

Convenors: Ksenia Ermoshina; Francesca Musiani (CNRS - Centre national de la recherche scientifique)

NU-3A57: Tue 16 Jul 11:00-12:30, 14:00-15:30

Digital (intra)statecraft

Julia Valeska Schröder (Humboldt University Berlin)

Infrastructural sanctions, the war in Ukraine, and EU digital sovereignty

Clement Perarnaud; Niels ten Oever (University of Amsterdam)

Data localization as contested and narrated security in the age of digital sovereignty: the case of Switzerland

Samuele Fratini (University of Padua - Università della Svizzera Italiana); Francesca Musiani (CNRS - Centre national de la recherche scientifique)

A case of digital sovereignty, or when the uncontrolled use of IT by the administration makes the sovereignty of the State vulnerable

Alain Sandoz (University of Neuchâtel); Léa Stiefel (IRIN.CH)

P048 Justice-oriented science communication research: sharing knowledge, building a network (papers and discussion workshop)**Combined Format Open Panel**

Convenors: Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)

Chairs: Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)

Discussants: Emily Dawson (University College London); Simon Lock (UCL)

HG-12A33: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

How medical cannabis activists in Brazil build their authority as experts and impact the science-society relationship

Janaynne Carvalho do Amaral (University of Illinois at Urbana-Champaign); Jodi Schneider (University of Illinois at Urbana Champaign)

"It's Just Good Practice": how science education practitioners centre social justice and equity in their work using 'Science Capital'

Amelia Doran (University of Oxford)

Transformative science communication for development: perspectives from the Philippines

Winifredo Dagli (University of the Philippines Los Baños); Christer de Silva (Australian National University); Bryan Joel Mariano (Forest Foundation Philippines and University of the Philippines Los Baños)

What is science? Practice theoretical analysis of people's understandings of science and engagements in science-related practices in their everyday lives

Johanna Enqvist (Finnish Science Centre Association); Milla Karvonen; Daria Pritup (University of Turku); Kaisa Torkkeli (Heureka, the Finnish Science Centre)

P049 Architecture in the new climatic regime: transforming material practices

Traditional Open Panel

Convenors: Cordula Kropp (University of Stuttgart); Albená Yaneva (University of Manchester)

HG-06A33: Tue 16 Jul 11:00-12:30, 13:30-15:00

Transforming architectural practice in the new climate regime: expertise, skills and competencies for the transition to zero carbon construction

Amy Knight (BRANZ); Orin Lockyer; Casimir MacGregor (BRANZ Victoria University of Wellington)

Data assemblages and architectural innovation

Francesca Moro (Politecnico di Torino, Tsinghua University)

Making, exhibiting, and caring for 'not-quite-there' fungal building materials

Juliette Salme (University of Liege)

When species collide: the architectural entanglements of bird-window collisions

Richard Fadok (University of Rochester)

P073 Rethinking STS through/from the Global South

Combined Format Open Panel

Convenor: Esha Shah (Wageningen University and Research)

Chair: David Ludwig

Discussant: Aneesh Aneesh (University of Oregon)

HG-01A33: Tue 16 Jul 11:00-12:30, 14:00-15:30

Claiming epistemic significance: south perspectives in global STS scholarship

Amanda Mokoena (University of Amsterdam)

Pluralism in the narratives about the future of robots in agriculture

Carolina Camacho Villa (University of Lincoln)

Rethinking the concepts of the public and the public opinion in Chinese digital society

Yiran Gao (University of Illinois at Urbana-Champaign)

P090 Racialized extraction in the sciences

Traditional Open Panel

Convenors: Aida Arosoaie (University of Wisconsin-Madison); Elizabeth Hennessy (University of WisconsinMadison)

Chair: Aida Arosoaie (University of Wisconsin-Madison)

Discussant: Elizabeth Hennessy (University of WisconsinMadison)

NU-4B47: Tue 16 Jul 11:00-12:30

Racial differences in diagnosis and perception of attention-deficit hyperactivity disorder and oppositional defiant disorder

Samantha Tesfaye (University of California San Diego)

Consent, raw data, data collection, and value in contemporary pregnancy trials

Natali Valdez (Purdue University)

P092 Critical temperature studies: spaces, technologies, and regimes of thermal power

Traditional Open Panel

Convenors: Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)

Chairs: Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)

HG-02A00: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

The techno-politics of uninterrupted cooling in Bahrain

marwa koheji (New York University Abu Dhabi)

Standards under fire: the Qatar world cup's migrant workers and the institutional invisibilization of thermal harm

Jiat-Hwee Chang (National University of Singapore); Sharad Pandian (National University of Singapore)

Losing control: the climates of the globalised economy and the uncertain fate of the "comfort zone" in an overheating world

Jean Souviron

Enclosure as exposure: journalistic objectivity and bodily intimacy in carceral climates

Sasha Crawford-Holland (University of Chicago)

Negotiating sensitivities: unveiling emotional responses to cold in the context of energy poverty and urban dynamics

Paz Araya (IRI THEsys - HU Berlin)

P097 Hype cycles of the promissory economy: an STS perspective

Traditional Open Panel

Convenors: Louison Carroue (Sciences Po); Yusun Cheng (University of Edinburgh); Neil Pollock (University of Edinburgh); Robin Williams (The University of Edinburgh)

HG-07A33: Tue 16 Jul 11:00-12:30, 14:00-15:30

After hype; the business of taming the digital economy

Neil Pollock (University of Edinburgh); Robin Williams (The University of Edinburgh)

Prospective approaches to addressing hype in health AI: a computational case study

S. Scott Graham (The University of Texas at Austin)

Unravelling innovation narratives in the German media H-AI-pe

Maja Horst (Aarhus University); Dominic Lammar (Technical University of Munich); Ruth Müller (Technical University of Munich)

From hype to hope: navigating the labyrinth of performativity in emerging technologies

Agrita Dridya (Universitas Indonesia); Meldi Hafizh Sayoko (University of Edinburgh)

P109 Unexpected ways of knowledge production. Spaces for co-creation in Research Infrastructures.

Traditional Open Panel

Convenors: Daria Jadreškić (University of Klagenfurt); Francesca Morselli (TU Delft); Andrea Scharnhorst (Royal Netherlands Academy of Arts and Sciences (KNAW-DANS))

Chairs: Daria Jadreškić (University of Klagenfurt); Francesca Morselli (TU Delft)

NU-3A47: Tue 16 Jul 11:00-12:30, 14:00-15:30

Supporting knowledge production within citizen science collaborations involving the social sciences and the humanities

Alessia Smaniotto (EHESS/OPERAS)

Research data alliance: a global, cross-domain and community-driven platform for tackling research data challenges

Alex Delipalta (RDA Europe); Athina Papadopoulou (RDA Europe)

Co-creating research on digital transformation: the research innovation hub

Josephine Schmitt (Center for Advanced Internet Studies (CAIS)); Samuel T. Simon (Center for Advanced Internet Studies (CAIS))

Strengthening transdisciplinary collaboration in the in-between space

Jack Spaapen (ScienceWorks The Hague); Bianca Vienni Baptista (ETH Zurich)

P122 Degrowing data: valuing and practicing intentional data loss

Combined Format Open Panel

Convenors: Stephanie Ketterer Hobbs (Wageningen University); Marije Miedema (Rijksuniversiteit Groningen)

Discussant: Nanna Thylstrup

NU-4A67: Tue 16 Jul 11:00-12:30, 14:00-15:30

Degrowing and regrowing data in bioscientific practice

Rebecca Carlson (Toyo University)

Data landfills: re-interpreting our understanding of data centre expansion and pollution within post-colonial Ireland

Dylan Murphy (University College Dublin)

The digital remains: degrowing our personal digital heritage

Marije Miedema (Rijksuniversiteit Groningen)

Questioning intentional data loss in the art making process

Toni Sant (University of Salford); Enrique Tabone (University of Salford)

State digitalization and the changing praxis of data destruction in public bureaucracies

Frederik Schade (Copenhagen Business School)

Intentional data loss as decolonial, anti-capitalist practice? Reflections from the field

Stephanie Ketterer Hobbs (Wageningen University)

P143 Re-imagining accountability practices for transformation: accountability practices as ‘world-making practices and narratives’ for systems change.

Combined Format Open Panel

Convenors: Tjerk Budding (Vrije Universiteit Amsterdam); Melanie Ehren; Jan Jorrit Hasselaar (Vrije Universiteit Amsterdam); Barbara Regeer (Athena Institute, Vrije Universiteit Amsterdam); Lieselot Vandenbussche (Athena Institute, Vrije Universiteit Amsterdam)

Discussant: Anne Loeber (Athena Institute, VU University)

HG-10A00: Tue 16 Jul 11:00-12:30, 14:00-15:30

Political instruments? Re-imagining techno-managerial tools and accountability practices

Britta Acksel (Wuppertal Institute for Environment, Climate, and Energy)

Nurturing pain to power transformation

Willemijn Helmich (Athena Institute Vrije Universiteit Amsterdam)

Regrounding as a transdisciplinary and transformative research

Melanie Ehren; Barbara Regeer (Athena Institute, Vrije Universiteit Amsterdam)

P151 STS approaches to study contestations of medical evidence-based knowledge and recommendations

Traditional Open Panel

Convenors: Caragh Brosnan (University of Newcastle, Australia); Jenny-Ann Danell (Umea University); Katharina T. Paul (University of Vienna); Pia Vuolanto (Tampere University, Finland)

NU-4A25: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Unauthorized addiction treatment with the psychedelic substance Ibogaine

Jakob Lundgren (University of Gothenburg); Johan Soderberg (Göteborg University)

Knowledge deficit in the professional sphere: the case of antroposophic medicine

Caragh Brosnan (University of Newcastle, Australia); Linda Pitkänen; Pia Vuolanto (Tampere University, Finland)

In search of the fountain of youth: longevity movement, anti-aging supplements and the promissory discourse

Ilke Turkmenoglu (Newcastle University)

Contested knowledge in practice: enacting epistemic authority in complementary and alternative medicine consultations

Caragh Brosnan (University of Newcastle, Australia); Pia Vuolanto (Tampere University, Finland)

P154 Making and doing oceanic futures: mobilising the ocean and its materialities between hope and loss

Combined Format Open Panel

Convenors: Sarah Rose Bieszcjad (Centre for Science and Technology Studies, Leiden University); Francesco Colona (Leiden University); Judit Varga (Leiden University)

Chairs: Sarah Rose Bieszcjad (Centre for Science and Technology Studies, Leiden University); Francesco Colona (Leiden University); Judit Varga (Leiden University)

NU-3A06: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Agency and representation of the ocean: exploring the political and legal representation of the ocean through the Rights of Nature (RoN) and posthumanist STS

Mariam Carlsson Kanyama (Division of Science, Technology and Society)

Riding the waves: navigating relevance, hope and loss in social science research about oceans and forests

Susanne Koch (Technical University of Munich, STS Department, Sociology of Science Chair); Judit Varga (Leiden University)

Representing deep seas in the early modern period: fortunes and wreckages

Jip van Besouw (University of Sevilla)

Ocean's consciousness: the rise of octopus research

Shira Shmueli (TAU)

Oceanic futures: confluence or divergence?

Max Priebe (Fraunhofer ISI and Radboud University ISIS); Sabine Reitmaier (Freie Universität Berlin); Aaron Rosa (Fraunhofer Institute of Systems and Innovation Research (ISI)); Riyan van den Born (Radboud University); Bernadette van Heel (Radboud University); Philine Warnke (Fraunhofer Institute of Systems and Innovation Research ISI)

P180 Knowledge, networks, power: climate infrastructures in the Global South

Combined Format Open Panel

Convenors: Teresa Guadalupe de León Escobedo (Universidad Nacional Autónoma de México (UNAM)); Martin Mahony (University of East Anglia); Andra Sonia Petrutiu (Cornell University)

NU-3B19: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Mapping meteorological technopolitics: unveiling intersections for global climate science and policies

Jean Carlos Hochsprung Miguel (University of Campinas)

Global models and local knowledges: flood forecasting with machine learning and vernacular networks in the global south

Sara Kinell (ETH Zurich)

Addressing climate change impacts from African perspective: African indigenous science as a workable prospect for mitigation

Israel Agbogwe (University of Delta, Agbor Delta state, Nigeria); Philip Egbule (University of Delta, Agbor, Delta State, Nigeria); Ewere Clinton Okonta (Wellspring University)

Geographies at the margins of climate knowledge making. The production of regional climate scenarios for Mexico

Teresa Guadalupe de León Escobedo (Universidad Nacional Autónoma de México (UNAM))

P197 Theorising the Breakdown of Digital Infrastructures

Traditional Open Panel

Convenors: Laura Anna Kocksch (Aalborg University Copenhagen); Mette Simonsen Abildgaard (Aalborg University); Matt Spencer (University of Warwick)

HG-05A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Theorising vulnerability: dynamics of stasis in digital infrastructures

Matt Spencer (University of Warwick)

Breakdown or broken down? Examining internet regulations in Kashmir

Gowhar Farooq (King's College, London)

Aesthetics and realities: maintaining technological autonomy in Oaxaca

James Barr (Royal Holloway, University of London)

Fax as a shadow (digital) security infrastructure of the digital welfare state

Sati (Satenik) Sargsyan (Linköping University)

P206 Beyond "The Controversy": making and doing within and beyond for positive transformations

Combined Format Open Panel

Convenors: jeremy hunsinger (Wilfrid Laurier University); Zachary McDowell

NU-4A45: Tue 16 Jul 11:00-12:30

Teaching STS in a media studies context: materiality, process, ethics

Larisa Mann (Temple University, Philadelphia PA USA)

Plurilingual tactics for communicating beyond controversy

Stephanie Jo Kent

The 'teaching' methods to the madness: critical constructivism in the STS classroom

jeremy hunsinger (Wilfrid Laurier University)

Learning to make the information sausage: open education practices as connected social justice learning

Zachary McDowell

P210 Digital technologies in food and agriculture: merging STS with Critical Agrifood Studies

Traditional Open Panel

Convenors: Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))

Chairs: Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))

Agora 1, main building: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

Sustainable returns: how venture capital funds imagine their contribution to sustainable food futures through investments into agrifoodtech startups

Moritz Dolinga (University of Münster)

What happens when Google's sister company enters agriculture? A case study on mineral: alphabet's sustainable agriculture subsidiary

Chantale Tippett (University of Oslo)

Revolutionizing the green revolution? Transforming power and resistance through digital agriculture

Matthew Canfield (Leiden Law School); Ali Malik (Drake University)

Harvesting value: corporate strategies of data assetization in agriculture

Kelly Bronson (St. Thomas University); Sarah Hackfort (Humboldt University Berlin); Sarah Marquis (University of Ottawa)

P230 Energy sufficiency, making transformations beyond technology

Traditional Open Panel

Convenors: Claire Le Renard (LATTS, CNRS, Ecole des Ponts-ParisTech, Université Gustave Eiffel); Grégoire Wallenborn (Université Libre de Bruxelles)

HG-07A36: Tue 16 Jul 11:00-12:30, 14:00-15:30

Making it through the winter: or the contested emergence of energy sufficiency in France

Claire Le Renard (LATTS, CNRS, Ecole des Ponts-ParisTech, Université Gustave Eiffel)

An exploratory study of the concept of ecological sufficiency and public understanding of science

Kuntay Dogan (Technical University of Munich, School of Social Sciences and Technology)

Who should do what? When socio-material spaces define our limits and our perception of sufficiency

Jeremy Bouillet (EDF); Catherine Grandclement (EDF RD)

Exploring collective sufficiency: the emergence of energy communities and the challenges of operationalisation

Gilles Debizet (Université Grenoble Alpes); Marta Pappalardo (ESPI, ESPI2R Research unit); Jessica Zaphiropoulo (University Grenoble-Alpes)

P234 Animal (im)mobilities

Traditional Open Panel

Convenors: Vanessa Bateman (Maastricht University); Raf De Bont (Maastricht University); Tom Quick (Maastricht University)

HG-08A00: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

Computerized zoo animals: the international species information system and the re-ordering of the global zoo

Raf De Bont (Maastricht University)

Putting pigs into buildings. Zootechnology, veterinary medicine, and rational animal feeding: a social, scientific and environmental history of making pigs immobile (Brittany, France, 1850s-1990s)

Clémence Gadenne-Rosfelder (Ecole des Hautes Etudes en Sciences Sociales)

Mobilizing animal temporalities: embryology, orbital frogs, and the orchestration of life at NASA

Tom Quick (Maastricht University)

P242 Transdisciplinarity – then and now. Reflections on transformations and transformative potentials of TD.

Combined Format Open Panel

Convenors: *Esther Blokbergen (VU Athena); Dirk Essink; Sarju Sing Rai (Vrije Universiteit Amsterdam); Hussein Zeidan (Vrije Universiteit Amsterdam); Marjolein Zweekhorst (VU university)*

Chair: *Dirk Essink*

HG-10A20: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Old and new challenges of interdisciplinarity and transdisciplinarity in global environmental change international comparative research

Margot Hurlbert (University of Regina); Elma MONTANA (CONICET (National Scientific and Technological Research Council, Argentina))

Mixed methods anonymous: wrestling with transdisciplinarity while doing social science research in healthcare

Sydney Howe (Erasmus University Rotterdam); Maura Leusder (Erasmus School of Health Policy and Management, Erasmus University Rotterdam); Renee Michels (Erasmus School of Health Policy and Management)

Past and future trajectories of transdisciplinary research in STS and beyond. Exploring concepts, practices, and values

Claudia Mendes (University of Hamburg)

Transdisciplinary research for democracy: how much conflict does transdisciplinary research need?

Juliane Rettschlag (Technische Universität Berlin)

Research for societal impact. How Dutch universities shape the impact agenda in transdisciplinary research contexts

Lotte Krabbenborg (Institute for Science in Society, Radboud University); Sophie van der Does (Radboud University)

P266 Transdisciplinary experiments for just transitions: connecting counter-knowledge, climate justice and systemic change

Combined Format Open Panel

Convenor: *Antonella Maiello (Leide University)*

Chair: *Shivant Jhagroe (Leiden University)*

NU-2B12: **Tue 16 Jul 11:00-12:30, 13:30-15:00**

Pre-enacting a climate court of audit in Austria by appropriating and translating existing institutional knowledge

Alexa Färber (University of Vienna)

Decarbonising society: a quadruple helix approach to cocreation and transdisciplinary research in energy transition innovation

Carrie Anne Barry (Maynooth University); Sathbh Crean (Trinity College Dublin); Amy Fahy (Maynooth University); Steven McCartney (Maynooth University)

POLI-SEA - network for cultural climate adaptation

Jan Possmann (HafenCity University)

P303 Planetary health in the Anthropocene: transdisciplinary practices towards decolonial climate futures

Combined Format Open Panel

Convenors: *Kaajal Modi (University of York); Maro Pebo (Wag Futurelab)*

HG-02A33: **Tue 16 Jul 11:00-12:30**

Taiao Tarot: an archetypal exploration of the more-than-human universe and our roles within it

Imogen Malpas

Resisting the plantationocene: exploring ‘indigo ‘ practices for planetary health

Nayana Fathima Maliyekkal (University of Sheffield)

The impossibility of a planet

Jamie Allen (Critical Media Lab Basel)

Holoparasite

Erik Peters

P315 Knowledge, power and people: who gets to know and who gets to decide?

Traditional Open Panel

Convenors: *Carina Fearnley Carina Fearnley (UCL); Saheli Datta Burton (UCL); Tiago Jorge Fernandes da Mata (University College London); Cecilie Hilmer (UCL (University College London)); Stephen Hughes (University College London); Michel Wahome (UCL)*

Auditorium, main building: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Good luck with your PhD, I hope you have a good lawyer: negotiating power, identity, and fear when mobilising STS perspectives

Rose Powell (Newcastle University)

Marginalization and exclusion in the sciences: field observations of three conferences in Canada

Nathan Andrews (McMaster University); Akalya Kandiah (McMaster University)

Packaged Science? Incumbent strategies of science capture from a power perspective

Nur Gizem Yalcin (Ghent University)

Stories making the world: who shapes the narratives in model-based scenarios?

Franziska Bock (TU Delft); Stefan Pfenninger-Lee

P321 Co-creating the past-future of community archives

Combined Format Open Panel

Convenors: Jason Chernesky (Johns Hopkins University); Dan Kabella (University of California, San Francisco); Kelly Knight (UCSF)

Discussants: Dan Kabella (University of California, San Francisco); Kelly Knight (UCSF)

HG-15A16: Tue 16 Jul 11:00-12:30

Trans health, medicine, and science archives in the fascistic present

Christoph Hanssmann (University of California, Davis)

Co-designing searches and analysis of the opioid industry documents archive (OIDA)

Dorie Apollonio (University of California San Francisco)

Civic archiving vs formosa plastics group

Tim Schuetz (University of California, Irvine)

Opportunities and challenges of archiving for health otherwise

Margaux Fisher (University of California, Irvine)

P331 Political Economy, Historical Materialism, And STS

Traditional Open Panel

Convenors: Owen Marshall (Cornell University); Britt Paris (Rutgers University)

Chair: Britt Paris (Rutgers University)

Discussant: Owen Marshall (Cornell University)

HG-09A29: Tue 16 Jul 11:00-12:30

The scale of the problem

Daniel Greene (University of Maryland)

It's all just assumptions in service of capitalism: alternative epistemologies of information in radical health activism

Emma May (Rutgers University)

Smart homes as ideological agents

Orsolya Friedrich (Fernuniversität in Hagen); Sebastian Nähr-Wagener (FernUniversität Hagen)

P335 Troubled waters: ethnographic engagements with cleanliness and pollution

Traditional Open Panel

Convenors: Annelieke Driessen (University of Amsterdam); Fenna Smits (University of Amsterdam)

HG-02A36: Tue 16 Jul 11:00-12:30, 14:00-15:30

Comparing Ocean Epistemologies: Reverse-Engineering Los Angeles' Data Dashboards

James Hodges (San José State University)

Where to clean? Pharmaceuticals troubling the surface waters

Ezgi Evrim Özkol (University of Amsterdam AISSR); Fenna Smits (University of Amsterdam); Sam van der Lugt (University of Amsterdam)

Plastics and Pollution: The cycles of pollutants and blame in coastal fishery

Duc Nguyen (Heriot-Watt University); Inna Yaneva-Toraman (Heriot-Watt University)

Diluted Persistency: Exploring the Societal Entanglements of Forever Chemicals

Annabelle Müller (Goethe-Universität Frankfurt)

P347 Hacker Cultures! The Podcast Panel Season 3!

Combined Format Open Panel

Convenors: Paula Bialski (University of St. Gallen); Andreas Bischof (Chemnitz University of Technology); Mace Ojala (Ruhr University Bochum)

Chairs: Paula Bialski (University of St. Gallen); Andreas Bischof (Chemnitz University of Technology); Mace Ojala (Ruhr University Bochum)

NU-2B17: Tue 16 Jul 11:00-12:30

Metis and the hacker

Charles Berret (Linköping University)

From “makers-in-the-making” to “empowering hacks”

Janis Lena Meißner (TU Wien)

Information security and the care of open cryptography technology

Sylvain Besençon (University of Fribourg, CH)

What does it mean to be part of a network? From silent contributor to engaged activist: the volunteer relay operators behind the Tor Project

Ana Custura (SR2 Communications Limited); Victoria Neumann (Lancaster University)

P385 Life in/through/by elemental infrastructures

Combined Format Open Panel

Convenors: *Lindsay LeBlanc (University of Toronto); Sal Suri (Harvard University)*

Chair: *Hina Walajahi (Massachusetts Institute of Technology)*

HG-07A16: **Tue 16 Jul 11:00-12:30**

The afterlives of technologies of erasure: a river, a fish, a dam, and the Menominee struggle to undo a settler colonial legacy
Samer Alatout (University of Wisconsin-Madison)

Life of trees & wood in B.C. forest fires and the Stop Cop City movement
Malcolm Sanger (McGill University)

Infrastructures of care: petrochemical elements and freezing technologies in Japan
Shiori Shakuto (University of Sydney)

Elemental figurations of depth: navigating water levels with Normaal Amsterdams Peil in Dutch infrastructure and waterscape
Xudong Yang (University of Amsterdam)

P136 The makings and doings of food ways in STS research: cooking, tasting, speculating with care - closed event

Combined Format Open Panel

Convenors: *Alexandra Endaltseva (CNRS), Michael Guggenheim (Goldsmiths, University of London), Asaf Bachrach (CNRS).*

Chair: *Jan-Peter Voß (RWTH Aachen University)*

Athena Institute kitchen: **Tue 16 Jul 12:15-16:45**

Textured times of millet eating in Dakar
Branwyn Poleykett (UVA)

Taste the tasteless: eating sufficiency and sustainable food practice
Shuhua Chen (Norwegian University of Science and Technology)

À la carte: a participatory session on finding our way out of the uncanny valley of virtual foods
Alisa Goikhman (Technische Universität Berlin); Karina Astrid Abdala Moreira (Università degli studi di Torino)

The good carrot: what may good food mean and do?
Nina de Bakker (Vrije Universiteit Amsterdam)

Terroir, politics and pleasure: tasting the difference as pedagogical practice
Jade Henry (University College London); Nadine Tanio (UC Irvine); Sharon Traweek (University of California, Los Angeles UCLA)

Not caring to taste: how the foods we consume may harm some or all of us
Juliet Tempest (Stanford University)

Tasting racial history, cooking for a livable climate
Dagmar Lorenz-Meyer (Charles University); Katerina Hola

Airmailing culture
Leena Naqvi (Umeå Institute of Design, Umeå University)

Taste as practice. An autoethnographic exploration investigating sensory perceptions in the experience of flavor through self-experimentation
Anna Geliev (RWTH Aachen)

The ontological politics of the protein transition
Martin Winter (HS Fulda)

The eco-SIT [sense, imagine, (transform)] laboratory: impressions from sense-full experiments with French teenagers for a new ecological imaginary
Asaf Bachrach (CNRS); Alexandra Endaltseva (CNRS)

12:00-14:00

Lunch

12:45-13:45

Lunchtime activities

EASST Ethics Committee (EC) meeting - closed event
HG-02A24

Open Meeting for the Student Section of the Social Studies of Science (6S)
HG-12A00

STS in Spain meet-up

Aurora, main building

Science, Technology, & Human Values editorial board meeting - closed event

Agora 4, main building

Meet-up with the Sociology of Health Professions Education Collaborative

Agora 2, main building

13:30-15:00

Session 2a

CP452 Open Science Platforms: Empowering the digital transformation of science?

Closed Panel

Convenor: Marcel Wrzesinski (Humboldt University Berlin, Humboldt Institute for Internet and Society)

NU-2B11: Tue 16 Jul 13:30-15:00

Citizen science platforms between democratisation and impact metrics

Bastian Greshake Tzovaras (The Alan Turing Institute); Katharina Kloppenborg (Université Paris Cité)

How can open science platforms connect science and policy-making?

Simon Aparitis (CNRS); Freia Kuper (Alexander von Humboldt Institute for Internet and Society); Nataliia Sokolovska (Alexander von Humboldt Institute for Internet and Society)

Openediton as a governed milieu: towards an ecological understanding of open digital knowledge infrastructures

Simon Dumas Primbault (CNRS); Pierre Mounier

Between regulation and governance: a critical analysis of 4 clinical trial data sharing platforms

Simon Aparitis (CNRS); Ramya Chandrasekhar (Centre Internet et Société, CNRS)

Institutional repositories as open science information infrastructures: challenges and chances for innovation

Heinz Pampel (Humboldt-Universität zu Berlin Helmholtz Association); Laura Rothfritz; Marcel Wrzesinski (Humboldt University Berlin, Humboldt Institute for Internet and Society)

P004 Assetization as techno-economic lock-in

Traditional Open Panel

Convenors: Kean Birch (York University); Jane Bjørn Vedel (Copenhagen Business School)

Chair: Kean Birch (York University)

Discussant: Anetta Proskurovska

HG-KC07: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00, Wed 17 Jul 08:30-10:00

Assetization of drugs and vaccines in the context of pandemics; lessons from Covid-19

Marc-Andre Gagnon (Carleton University)

The assetisation of genomic data in NHS England

Jarmo de Vries (University of Edinburgh)

Assetization with care: intertwined valuation flows in the transition to regenerative barley production in Belgium

Sarah Delvaux (University of Liège); Pierre Delvenne (University of Liège)

Making and unmaking a sovereign matter: changing assetization regimes of minerals in Peru (1950-present)

Diego Cerna-Aragon (Massachusetts Institute of Technology)

Do artefacts have political economy?

Kean Birch (York University)

P006 Aesthetic engagement: sensitisation, metrology & commoning

Traditional Open Panel

Convenors: Mike Michael (University of Exeter); Alex Wilkie (Goldsmiths, University of London)

Theater 1, NU building: Tue 16 Jul 13:30-15:00, 15:30-17:00

Units of environmental devastation: speculating on metrological 'commoning'

Mike Michael (University of Exeter)

Aesthetic commoning, social data and wildfire management

Maria Cifre Sabater (Open University of Catalonia); Israel Rodriguez-Giralt (Universitat Oberta de Catalunya); Alex Wilkie (Goldsmiths, University of London)

Reindeer movement data as social experiments: decomposing habituation, recontexting measurements

Daniela Sant'Ana (University of Oslo)

P016 Acceptance and acceptability – challenges and opportunities for transformative and sustainable technologies

Combined Format Open Panel

Convenor: Karen Moesker (TU Delft)

HG-08A20: Tue 16 Jul 13:30-15:00, 15:30-17:00

Acceptance and acceptability – structuring ambiguous concepts and differing understandings

Karen Moesker (TU Delft)

Understanding competing and consistent stories as a methodological approach to consider social acceptance of renewable energy and low carbon technologies

Jonas PIGEON (ENGIE Lab CRIGEN)

Closing the gap between acceptance and acceptability? Conceptualising the role of trust via the example of the energy transition as socio-technical transformation

Clemens Ackerl (Karlsruhe Institute of Technology)

Bridging the conceptual acceptance acceptability gap

Behnam Taebi

Acceptable for who, by who, why, and in what contexts? Exploring contraceptive acceptability across stakeholders in a 'user-centred' framework

Cecily Klim (University of New South Wales, Sydney)

P021 Imagining and making post-fossil futures

Combined Format Open Panel

Convenors: Jeroen Oomen (Utrecht University); Lisette van Beek (Utrecht University)

HG-14A33: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Becoming with water: imagining and making post-fossil futures through poetry

Abe Hendriks (Utrecht University)

Coal and collaboration: artistic approaches to understanding climate anxiety and post-fossil futures

Bridget Bradley (University of St Andrews)

Participatory artistic expression: imagining post-fossil futures

Ulrike Hahn

P042 Entangling mind and machine: artificial intelligence, neuroscience and neurotechnology

Traditional Open Panel

Convenors: Christine Aicardi (King's College London); Tara Mahfoud (University of Essex)

NU-5A47: Tue 16 Jul 10:30-12:00, 13:30-15:00

Prosthetics and mind probes: a sociotechnological analysis of the DARPA neuroscience online archives

David Murakami Wood (University of Ottawa)

Death and the computer, or AI's mortal materialism

Henry Osman (Brown University)

**Life as we know it, life as we model it:
on renewed alliances between robotics and neuroscience**

Raffaele Andrea Buono (UCL)

Disentangling artificial intelligence and biological brain: artificial neural networks as "vues de l'esprit"

Guillaume Le Lay (Algorithmic Society Chair of the Multidisciplinary Institute of Artificial Intelligence (MIAI) - Université Grenoble Alpes)

P045 Developing co-laborative methods for digital transformations

Combined Format Open Panel

Convenors: Dennis Eckhardt (FAU Erlangen-Nürnberg); Libuše Hannah Vepřek (University of Tübingen)

NU-6A52: Tue 16 Jul 13:30-15:00, 15:30-17:00

Shifting collaborative ethical reflection upstream in industrial development of smart home devices

Sarah Hartley (University of Exeter); Rory Murphy (University of Exeter)

Being caught in the middle: ethnographers co-designing in museum settings

Nicolas Dittgen (German Maritime Museum Leibniz Institute for Maritime History, University of Vechta); Pia Schramm

Co-laboration in digital health contexts: learnings about interdisciplinary and interprofessional entanglements

Cordula Endter (German Centre for Gerontology); Sabrina Großkopp (University of Applied Sciences Düsseldorf); Alina Hultgren (Düsseldorf University of Applied Sciences); Holger Klapperich (University of applied science Düsseldorf); Angela Osterheider (Catholic University of Applied Social Sciences Berlin)

P049 Architecture in the new climatic regime: transforming material practices

Traditional Open Panel

Convenors: Cordula Kropp (University of Stuttgart); Albena Yaneva (University of Manchester)

HG-06A33: Tue 16 Jul 11:00-12:30, 13:30-15:00

Architectural and material interventions to heritage streetscapes in Irish towns within the new climate regime

Philip Crowe (University College Dublin); Liam James Heaphy (University of Galway); Oliver Kinnane (University College Dublin); Ciara Reddy (university college dublin)

(What) change by indicators? KPIs for the compact city

Kathrin Braun (University of Stuttgart)

Dirty information modelling: architectural software in the era of post-extractive building economies

Matīss Groskaufmanis (Aarhus School of Architecture)

How stable are long-term storage infrastructures in a context of changing environments?

Youenn Gourain (LATTS); Valerie November (CNRS - LATTS)

From PDF plans to XML files for urban planning simulations: (re)formatting construction data as experimental tactic in the new climatic regime

Esther Dessewffy (Department of Science and Technology Studies, University of Vienna)

P066 Envisioning ethics – what does it mean to integrate ethical reflection into the early phases of technology development?

Combined Format Open Panel

Convenors: Sabine Ammon (TU Berlin); Nele Fischer (Technische Universität Berlin); Wenzel Mehnert (Technische Universität Berlin)

Theater 5, NU building: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Exploring the ethical affordances of scientific collaborations

Daniela Boraschi (Kavli Centre for Ethics, Science, and the Public - University of Cambridge)

Experiences from embedding ethics in health AI

Amelia Fiske (Technical University of Munich)

Materialised ethics: transparency beyond technical expertise

Niall Docherty (University of Sheffield)

The role of ethics in an early assessment and shaping of technology

Wolfgang Liebert (University of Natural Resources and Life Sciences BOKU Vienna); Jan Cornelius Schmidt (Darmstadt University of Applied Sciences)

What does your voice reveal about you?: Exploring the ethical demands for the design and usage of voice-based chatbots in digital mental healthcare

Jean-Christophe Belisle-Pipon (Simon Fraser University); Hortense Gallois (Simon Fraser University); Rouleau Geneviève (Université du Québec en Outaouais); Zoha Khawaja (Simon Fraser University); Scott Lear; Nathanael Siaoman (Simon Fraser University)

Integrating ethics into early-stage tech development: three dignity-centered reflection prototypes from co-participatory action research with AI startups

Lorenn Ruster (Australian National University)

P078 The environmentalization of economics

Traditional Open Panel

Convenors: Béatrice Cointe (Centre de Sociologie de l'Innovation (CSI)); Kewan Mertens (Armines, Ecoles des Mines de Paris, Paris Sciences et Lettres (PSL)); Alexandre Violle (Mines Paris)

HG-09A16: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

The ecosystem economy: anthropological examination of a new economic paradigm

Jonna Josties (Humboldt-Universität zu Berlin)

The values of farmland beyond agriculture: the financialization of farmland as environmental assets

Lise Cornilleau (Université Versailles-Saint-Quentin-en-Yvelines Paris-Saclay)

Reimagining environmental liabilities: Earth observation and the rights of nature in Ecuador

Jorge Nunez (University of Amsterdam)

On modes of animating and pacifying in more-than-human economisation

Mandy de Wilde (Leiden University); Thomas Franssen (Leiden University)

P089 Epistemic Corruption: Claims, Contestations and The Fragility of Knowledge Systems

Traditional Open Panel

Convenors: Nishtha Bharti (University of Oxford); Sergio Sismondo (Queen's University)

Chair: Sergio Sismondo (Queen's University)

Discussants: Karin Knorr Cetina (University of Chicago); Sally Wyatt (Maastricht University)

HG-14A00: **Tue 16 Jul 10:30-12:00, 13:30-15:00, Wed 17 Jul 16:00-17:30**

Capto-politics: viral analogies in vaccine debates

Marco Dell'Oca (University of California -- Davis)

Discounting epistemic corruption – genomics, anthropometry and the GenomeIndia Project

Mahendra Shahare (Indian Institute of Technology Bombay)

Defending polluters: experts and epistemic corruption in the Arica Victims v. Boliden Mineral case

Patricio Flores (University of Warwick)

Constructing contamination: epistemic and industrial corruption of urban soils

Scott Frickel (Brown University)

P095 Interrogating openness and equity in the data-centric life sciences

Traditional Open Panel

Convenors: Paola Castano (University of Exeter); Sabina Leonelli (University of Exeter)

HG-08A33: Tue 16 Jul 10:30-12:00, 13:30-15:00

Equity in and for data work in the biosciences: curation, global research infrastructures, and epistemic justice

Sarah Davies (University of Vienna)

Never blindly trust a pipeline: coordinating communities and their tools in data processing pipelines

Kathryne Metcalf (University of California, San Diego)

Situating data sharing in public health emergencies of international concern using Zika virus epidemic in Brazil as a case study

Bethania Almeida (FIOCRUZ); Mariana Pitta Lima (The Centre for Data and Knowledge Integration for Health (CIDACS-Fiocruz))

The open pharma movement: social action to “open” drug research and its implications for health

Nicole Foti (Johns Hopkins University)

Data sharing in social genomics as infrastructure for managing controversy

Bennett McIntosh (University of Wisconsin Madison)

P103 Mobilizing regions for innovation

Traditional Open Panel

Convenors: Stefan John (Human Technology Center, RWTH Aachen University); Cindy Rentrop (Technical University of Munich)

HG-11A22: Tue 16 Jul 13:30-15:00

Mobilizing, instrumentalizing, and governing regions for innovation: a comparative analysis of regional transformation

Stefan John (Human Technology Center, RWTH Aachen University); Cindy Rentrop (Technical University of Munich)

Modes of infrastructuring and social innovations in local energy systems

Catharina Lüder (Technische Universität Berlin); Friederike Rohde (Institute for Ecological Economy Research (IÖW) Institut für ökologische Wirtschaftsforschung GmbH, gemeinnützig)

It's time to bury the label Rustbelt, and call it the Silicon heartland: innovation policies and regional planning processes in New York and Ohio

Sebastian Pfothenauer (Technical University of Munich); Marlise Schneider (Technical University of Munich); Mattijs van Maasackers (Ohio State University)

Mobilizing entrepreneurial networks in Bay area and Munich

Cansu Güner (The Technical University of Munich)

P111 Knowledge politics in/through/with microbes

Traditional Open Panel

Convenors: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

Chairs: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

HG-12A00: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Listening to the rhythmic flows of marine microbes: adapting algae farming to craft ethical seascapes in Japan amidst climate change

Mayumi Fukunaga (University of Tokyo)

Mushrooms in translation: politics of knowledge in matsutake cultivation

Shiho Satsuka (University of Toronto)

Knowing microbes through time: microbial mats as sentient symphony

Astrid Schrader (University of Exeter)

Emerging visions of microbial agency in soil pollution sensors: an ethnographic analysis

Abby Kinchy (Rensselaer Polytechnic Institute); N. Bucky Stanton (Rensselaer Polytechnic Institute)

P115 Global socio-technical imaginaries of AI

Combined Format Open Panel

Convenors: Shazeda Ahmed (University of California, Los Angeles); Mashinka Firunts Hakopian (ArtCenter College of Design);

Maya Indira Ganesh (University of Cambridge); Rida Qadri; Noopur Raval (UCLA); Xiaowei Wang (UCLA)

Discussant: Ranjit Singh (Data Society Research Institute)

Theater 2, NU building: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Attempted solidarities: notes from JDL/CPA “resisting big tech & casteist/racial capitalism” workshop (Jan 2024)

Nikhil Dharmaraj (University of Cambridge); Nikita Sonavane (Criminal Justice and Police Accountability Project)

Imagining machine vision: four visual registers from the Chinese AI industry

Gabriele de Seta (University of Bergen); Anya Shchetvina (Humboldt University, Microforms Research group)

Technologies of the planetary future: superintelligence, safety and world order in the United States and Britain

Apolline Taillandier (University of Cambridge)

Automating (in)securities: cybersecurity's AI imaginaries

Andrea Zeffiro (McMaster University)

Testbed Australia: AI and the long history of science and technology testing in the settler colony
Thao Phan (Monash University)

P119 Science and scientists in the public sphere. New trends in science and society relationship.
Traditional Open Panel

Convenors: *Giuseppe Pellegrini (Università di Trento); Andrea Rubin (University of Ferrara (Italy))*
HG-11A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Public visibility vs. contributory expertise? Sociologists' contributions to Covid-19 in the German media and academia
Katharina Hauck (Bielefeld University); David Kaldewey (University of Bonn); Tobias Tönsfeuerborn (Bielefeld University)

Dialogue between scientists and the non-expert public about generative AI

Shohana Akter (Indiana University Bloomington); Noriko Hara (Indiana University); Eugene Kim; Kunihiro Miyazaki (Indiana University Bloomington)

Motivations and communication practices of scientists working at Portuguese universities

Inês Carneiro Sousa (Iscte - Instituto Universitário de Lisboa); Marta Entradas (Iscte-IUL); FENG YAN

Citizen science and the opportunity to innovate scientific communication: an empirical research

Noemi Crescentini (University of Naples Federico II)

P121 In the wake of ecological disaster: navigating pasts and generating futures

Traditional Open Panel

Convenors: *Annelies Kuijpers (Erasmus University Rotterdam); Sophie van Balen (Erasmus University Rotterdam); Irene van Oorschot (Erasmus University Rotterdam)*

NU-5A57: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Un/breathable futures and pasts in the nitrogen crisis. An account of fieldwork on three cow farms in 2023

Sophie van Balen (Erasmus University Rotterdam)

Time traveling with mud. Understanding the repercussions of the 2021 flood in Limburg through the properties, texture and composition of river mud

Annelies Kuijpers (Erasmus University Rotterdam)

P133 Transforming the study of cancer

Combined Format Open Panel

Convenors: *Violeta Argudo-Portal (Universitat de Barcelona); Masha Denisova (Maastricht University)*

NU-4B43: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Transforming the study of cancer in Tanzania

Megan Cogburn (University of Florida); Mohamed Rafiq (New York University)

Understanding metastatic melanoma through multidisciplinary problem frames

Victor Avramov (Vrije Universiteit Amsterdam); Ayush Shukla (Athena Institute, VU Amsterdam); Michiel Van Oudheusden (VU Amsterdam)

Chronicle networks of support and information: metastatic breast cancer on TikTok

Nina Morena (McGill University)

P156 Cloud, infrastructure, and scale-making

Traditional Open Panel

Convenors: *Devika Narayan (University of Bristol); Jean-Christophe Plantin (London School of Economics and Political Science)*

NU-3B05: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Computers in our cosmos: hyperscaling in outer space

Yung Au (University of Oxford); Amelia Hassoun (University of Cambridge); Srujana Katta (University of Oxford)

From size to scale: designing a “hyperscale” data center

Jean-Christophe Plantin (London School of Economics and Political Science)

More content for more viewers: cloud computing and scale-making in news media publishers

Agustin Ferrari Braun (Universiteit van Amsterdam)

AI tools for everyone. The platformization of machine learning infrastructures in Google Vertex AI

Inga Luchs (Rijksuniversiteit Groningen)

One's defect, another's bug? Linked ecologies and the problems of maintaining scale

Vera Tauber (University of Lucerne); Désirée Waibel (University of Lucerne)

P158 Doing diversity: difference, equity and inclusion in biomedical research

Traditional Open Panel

Convenors: *Giulia Sinatti (Vrije Universiteit Amsterdam); Eva Vernooij (Utrecht University)*

Chairs: *Giulia Sinatti (Vrije Universiteit Amsterdam); Eva Vernooij (Utrecht University)*

Discussant: *Catherine Montgomery (University of Edinburgh)*

HG-05A16: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Understanding the past to transform the present – promoting a decolonial conception of diversity, equity and inclusion in biomedical research

Sarah Wendt (Facultad Latinoamericana de Ciencias Sociales Argentina); Christiane Wetzel (Berlin Institute of Health at Charité - Universitätsmedizin Berlin)

Globalizing HIV cure research

John de Wit (Utrecht University); Kim Romijnders; Giulia Sinatti (Vrije Universiteit Amsterdam); Sarah Stutterheim (Maastricht University); Eva Vernooij (Utrecht University)

For all: the implicit normativity of diversity and inclusion in genomics

Alessia Costa (Wellcome Connecting Science); Richard Milne (University of Cambridge)

P167 World-making and pragmatism: research practices in dialogue

Traditional Open Panel

Convenors: Sarah B. Evans-Jordan (Norwegian University of Science and Technology (NTNU)); Carrie Friese (London School of Economics and Political Science); Tamara Pascale Schwertel (University clinic Koeln)

Discussants: Renate Baumgartner (VU Amsterdam); Ursula Offenberger (University of Tübingen, Germany)

HG-06A32: Tue 16 Jul 10:30-12:00, 13:30-15:00

Differentiating relationality in differing (methodological) worlds

Suzette Kahlert; Peter Kahlert (European New School of Digital Studies (European University Viadrina))

Data-territories and embodied urban experiences: tracing disparate ways of knowing mobilised by Uber

Abel Guerra (London School of Economics and Political Science)

"Planting seeds: looking at crop improvement through STS lenses...."

Conny Almekinders (Wageningen University Research); Mariana Garcia Medina (Wageningen University (KTI)); fleur kilwinger

Translating world-makings and ground-truthing through FIELDS or: the political dimensions of pragmatist methodologies

Tanja Bogusz

P195 Making and doing AI from Africa: critical insights on AI and data science

Traditional Open Panel

Convenors: Yousif Hassan (University of Michigan - Ann Arbor); Laila Hussein Moustafa (University of Illinois); Jia Hui Lee (University of Bayreuth); Kwame Edwin Otu (Georgetown University); Kebene Wodajo (ETH Zurich)

Chairs: Yousif Hassan (University of Michigan - Ann Arbor); Jia Hui Lee (University of Bayreuth)

Discussants: Laila Hussein Moustafa (University of Illinois); Kwame Edwin Otu (Georgetown University); Kebene Wodajo (ETH Zurich)

HG-11A24: Tue 16 Jul 13:30-15:00, 15:30-17:00

From crisis to control: examining risk in the era of humanitarian big data and AI

Adjua Akinwumi (Simon Fraser University)

Subsiding structural risks through people's right to privacy: navigating biometric ID programs in Africa

Kebene Wodajo (ETH Zurich)

A longer history of machine powered surveillance in urban Africa

Iginio Gagliardone (University of the Witwatersrand)

AI data; privacy and decolonizing data in higher education

Laila Hussein Moustafa (University of Illinois)

Beyond the binary code: possible queer interventions into AI

Jia Hui Lee (University of Bayreuth)

P204 Imagineering the future: water, infrastructure and human values

Traditional Open Panel

Convenors: Gabrielle Bouleau (Inrae); Peter Mollinga (ZEF Bonn University); Sophie Tabouret (EHESS-CIRED)

HG-13A33: Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00

Material engagements with wastewater: volume, toxicity and the more-than-human

Patrick Bonney; Matthew Kearnes (University of New South Wales); Lauren Rickards (La Trobe University)

To resist or to retreat? Is that really the question? When water infrastructures enable the coexistence of futures in Ault

Marie Fournier (National Conservatory of Arts and Crafts); GUEVARA VIQUEZ Sofia (Conservatoire National des Arts et Métiers)

Constructing narratives and counter-narratives of the future in a context of climate change: the case of 'megabassines' in western France

Sophie Tabouret (EHESS-CIRED)

P226 Technology, religion, and transforming the secular

Combined Format Open Panel

Convenors: Marie Stettler Kleine (Colorado School of Mines); Yunus Telliel (Worcester Polytechnic Institute)

HG-09A32: Tue 16 Jul 10:30-12:00, 13:30-15:00

Spectral drifts: navigating the intersections of UFOlogy, AI spiritualism, and techno-secularism

Hubert Alain (Université de Montréal); Albertine Thunier (Université de Montréal)

Luck versus the algorithm: the expansion of secularism through chance

Oliver Arellano Padilla (University of Massachusetts)

P228 Rebooting the STS programme for AI: emerging controversies and methods for studying 21st-century artificial intelligence

Traditional Open Panel

Convenors: Nicolas Chartier-Edwards (Institut National de la Recherche Scientifique); Etienne Grenier (Institut national de la recherche scientifique); Jonathan Roberge (National Institute of Scientific Research, Canada)

Discussants: Maud Barret Bertelloni (Sciences Po Université Technologique de Compiègne); Michael Castelle (University of Warwick); Nicolas Chartier-Edwards (Institut National de la Recherche Scientifique); Etienne Grenier (Institut national de la recherche scientifique)

HG-02A37: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Heterogeneity without controversy: the field of xAI as the encounter between market strategies and institutional demands for deep learning accountability

Mehdi Arfaoui (CNIL EHESS); Nicolas Berkouk (CNIL); Romain Pialat (CNIL)

The current state of open source AI and its value to future AI research

Mark Dingemans (Radboud University); Andreas Liesenfeld

Brain to brain, body to body: a praxeological turn for anthropomorphic AI

Sara Messelaar Hammerschmidt (University of Amsterdam)

P244 STS as a research approach in China

Traditional Open Panel

Convenors: Anna Ahlers (Max Planck Institute for the History of Science); Andrea Braun Štrelcová (Max Planck Institute for the History of Science); Annina Lattu (Tampere University, Peking University, Max Planck Institute for the History of Science); Jing Wang (Max Planck Institute for the History of Science)

Chair: Anna Ahlers (Max Planck Institute for the History of Science)

Discussants: Erik Baark (Max Planck Institute for the History of Science); Franziska Marliese Fröhlich (Max Planck Institute for the History of Science); Yishu Mao (Max Planck Institute for the History of Science)

Theater 7, NU building: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

How does science and technology backyard (STB) become a hot model for technology application and diffusion in China's rural areas?

Chen denghang (Department of science communication, University of Science and Technology of China)

The localization of modern beekeeping practice in China: a case study in STS

Haixing Wang (University of Birmingham and SUSTech)

What breakdowns can tell us about teacher expertise: using STS to study teaching and technology in Chinese higher education

Hanlin Zhang (UCL IOE)

Exploring the application of the STS approach in China: the translation of the outline of astronomy (Tiantian) as an example

Yulin Ren (Tsinghua University); XIAOMING REN (Nankai University)

P245 Artistic Research As Generous Practice

Combined Format Open Panel

Convenors: Ulrike Scholtes (Maastricht Institute of Arts); Ties van de Werff (research centre What Art Knows, Zuyd University of Applied Sciences)

HG-05A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Vaguing: artistic research in science and technology studies (STS) as giving up a (vague) territory

Lilyana Petrova (ETIS (CY Cergy Paris University, ENSEA, CNRS)); Sylvain Reynal (ETIS (CY Cergy Paris University, ENSEA, CNRS))

Emergent and exploratory: understanding information sharing of artist-researchers

Andrea Kampen (The University of British Columbia)

P251 Alternative urban knowledge practices amidst transformation & resistance

Traditional Open Panel

Convenors: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna); Pouya Sepehr (Humboldt University of Berlin)

Chairs: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna)

HG-15A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Counter-mapping for critical emancipatory awareness and affective engagement with urban semi-periphery

Núria Arbonés Aran (Amsterdam University of Applied Sciences AMSIB); Simeona Petkova (Amsterdam School of International Business, Amsterdam University of Applied Science); Radmila Radojevic (Creative Business, Utrecht University of Applied Science)

Participatory mapping - a tool for understanding public risk perception

Paulina Budryte (Kaunas University of Technology)

We know how you feel; we want to build a city for the people. How city administrations bring expertise and public values to the European city

Julio Paulos (ETH Zürich)

Formal and informal learning in urban mobility experiments: critically exploring the continuum in Maastricht, London, and São Paulo

Anique Hommels (Maastricht University); Denver Nixon (Maastricht University)

P253 Symbiotic methods: more-than-human companions for knowing

Traditional Open Panel

Convenors: Paul Keil (Institute of Ethnology, Czech Academy of Sciences); Laura Kuen (Institute of Ethnology, Czech Academy of Sciences); Kieran O'Mahony (Institute of Ethnology, Czech Academy of Sciences); Marianna Szczygielska (Institute of Ethnology, Czech Academy of Sciences)

Discussant: Juno Salazar Parrenas (Cornell University)

NU-4A06: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Searching, sifting, snouting: developing a porcine method and metaphor for research

Paul Keil (Institute of Ethnology, Czech Academy of Sciences); Laura Kuen (Institute of Ethnology, Czech Academy of Sciences); Kieran O'Mahony (Institute of Ethnology, Czech Academy of Sciences); Marianna Szczygielska (Institute of Ethnology, Czech Academy of Sciences)

What would fish say if we asked the right questions?

Lara Giordana (Politecnico di Torino); Micol Rispoli (Politecnico di Torino)

Feral wool: binding interspecies ecologies of relations and practices between sheep, human, and beyond

Camilo Ayala Garcia (Free University of Bozen-Bolzano); Merve Bektas (Free University of Bozen-Bolzano); Secil Ugur Yavuz (Free University of Bozen-Bolzano)

Rivers as research subjects and research partners: a reflection on multispecies ethnography with three rivers in Europe and Latin America

Carlota Houart (Wageningen University)

P256 What is limiting artificial intelligence? STS perspectives on AI boundaries.

Traditional Open Panel

Convenors: Marc Böhlen (University at Buffalo); Andrew Lison (University at Buffalo, SUNY)

HG-09A24: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Digital twins, uncertainty, and model diversity

Marc Böhlen (University at Buffalo)

Image generation and the human-machine dialectic

Andrew Lison (University at Buffalo, SUNY)

Feeding the machine: practitioner experiences of addressing data limits in the AI pipeline

Jo Bates (University of Sheffield); Monika Fraczak; Helen Kennedy (University of Sheffield); Itzelle Medina (The University of Sheffield); Erinma Ochu (UWE Bristol)

P266 Transdisciplinary experiments for just transitions: connecting counter-knowledge, climate justice and systemic change

Combined Format Open Panel

Convenor: Antonella Maiello (Leide University)

Chair: Shivant Jhagroe (Leiden University)

NU-2B12: **Tue 16 Jul 11:00-12:30, 13:30-15:00**

When we were singking - workshop (session 2)

Daniel Dominguez Teruel

P271 Making and doing hormonal theory

Combined Format Open Panel

Convenors: Roslyn Malcolm (Durham University); Celia Roberts (Australian National University)

Chairs: Sone Erikainen (University of Aberdeen); Andrea Ford (University of Edinburgh); Lisa Raeder (University of Edinburgh)

HG-07A32: **Tue 16 Jul 10:30-12:00, 13:30-15:00**

Hormonal employment: a new materialist exploration of contraception, gender hacking, birth, and autism-specific horse therapy

Sone Erikainen (University of Aberdeen); Andrea Ford (University of Edinburgh); Roslyn Malcolm (Durham University); Lisa Raeder (University of Edinburgh)

P348 Digital ghost work: human presences in AI transformations

Traditional Open Panel

Convenors: Yana Boeva (University of Stuttgart); Hendrik Heuer (Center for Advanced Internet Studies (CAIS) and University of Wuppertal); Milagros Miceli (Weizenbaum Institute); Roger Andre Søråa (NTNU)

Chairs: Yana Boeva (University of Stuttgart); Hendrik Heuer (Center for Advanced Internet Studies (CAIS) and University of Wuppertal)

NU-6A25: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

AI and ghost work in hiring processes: analyzing sociotechnical transformations in contemporary recruitment processes

Silvia Ecclesia (Norwegian University of Science and Technology); Roger Andre Søraa (NTNU); Shan Wang (Norwegian University of Science and Technology)

Behind the facade: locating the human labour within streetside retail automation

Mathew Iantorno (University of Toronto)

Algorithmic Transmutation: Applying Emotional Labour Theory to Data Annotation

Noah Khan (University of Toronto)

Discipline and label: a WEIRD genealogy and social theory of data annotation

Mark Diaz; Atoosa Kasirzadeh; Ellis Monk (Harvard University); Sonja Schmer-Galunder (University of Florida); Andrew Smart (Google); ERIN VAN LIEMT; Ding Wang

14:00-15:30

Session 2b

P018 Caring in an overflowing terrestrial

Traditional Open Panel

Convenors: Roland Bal (Erasmus University Rotterdam); Robert Borst (Erasmus University Rotterdam); Bert de Graaff (Erasmus University Rotterdam); Karin van Vuuren (ESHPM, Erasmus University Rotterdam)

Chair: Bert de Graaff (Erasmus University Rotterdam)

HG-09A29: **Tue 16 Jul 14:00-15:30**

Caring during crises: a case-study of caring practices in different governance domains during the 2021 flooding events in Dutch Limburg

Roland Bal (Erasmus University Rotterdam); Robert Borst (Erasmus University Rotterdam); Bert de Graaff (Erasmus University Rotterdam); Karin van Vuuren (ESHPM, Erasmus University Rotterdam)

Dirty duty – the transformation of care in cleaning work during the covid-19 pandemic

Ali Simon (LMU Munich)

Dark infrastructures of care

Kevin Pijpers (Erasmus University Rotterdam)

P030 Making and doing just infrastructures in healthcare

Combined Format Open Panel

Convenors: Lauren Olsen (Temple University); Kelly Underman (Drexel University); Alexandra Vinson (University of Michigan)

Chairs: Lauren Olsen (Temple University); Kelly Underman (Drexel University); Alexandra Vinson (University of Michigan)

HG-06A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Reinforcing old, creating new: Investigating access to virtual care for women from a refugee background

Jacqueline Pangas (University of New South Wales (UNSW))

"Just" healthcare in the justice system: telemedicine as a tool to (re-)imagine good infrastructures of healthcare in correctional facilities

Magdalena Eitenberger (University of Vienna)

Gender and the ethics of care in injection drug use practices

Sarah Brothers (Penn State)

Channeling prison healthcare with punishment and rehabilitation: just infrastructures in Taiwanese penal institutions

Ting-She Chang (National Taiwan University)

P040 Zeitenwende et al. - Infrastructures as media of transformation

Combined Format Open Panel

Convenors: Asia Bazdyrieva (Linz University of Arts and Design Critical Media Lab Basel); Johannes Bruder (Critical Media Lab Basel)

NU-4B47: **Tue 16 Jul 14:00-15:30**

Zeitenwende. Emerging forms of sovereignty in the transition from 'petro' to 'clean' energies

Asia Bazdyrieva (Linz University of Arts and Design Critical Media Lab Basel)

Mapping uncertain landscape: Kakhovka Dam. Witnessing changes to the Ukrainian landscape: tracking, diagramming, drawing, and redrawing the segments of Ukrainian terrain using a map-making machine

Anatolii Chernov (Institute of Geological Sciences of the National Academy of Sciences of Ukraine); Sonya Isupova (HEAD Geneva)

The basket contains no bread: metabolizing ecocide against Ukraine's soils, grains, water, and infrastructure

Lina Bondarenko (Massachusetts Institute of Technology)

Fears of exhaustion, dreams of resilience: the EU's critical raw materials act and the Cinovec lithium deposit

Johannes Bruder (Critical Media Lab Basel); Anastasia Kubrak (Critical Media Lab Basel)

P044 "Infrastructuring" digital sovereignty: exploring infrastructure-based digital self-determination practices

Traditional Open Panel

Convenors: *Ksenia Ermoshina; Francesca Musiani (CNRS - Centre national de la recherche scientifique)*
NU-3A57: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Privacy designs, infrastructural sovereignty and digital pandemic response-ability

Kjetil Rommetveit (University of Bergen); Niels van Dijk (Vrije Universiteit Brussel)

Sovereignty, privacy, and interoperability in the European digital contact tracing infrastructure: lessons from the French and Swiss experiences

Nicolas Baya-Laffite (University of Geneva); Céline Cholez (University of Grenoble-Alps); Laura Vigé

Infrastructuring digital sovereignty through chips: much ado for nothing in reality for the civil society?

Jonathan Keller (Telecom Paris)

Informing data sovereignty practice through analysis of autonomous health movements

Leah M. Friedman (Arizona State University)

P048 Justice-oriented science communication research: sharing knowledge, building a network (papers and discussion workshop)

Combined Format Open Panel

Convenors: *Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)*

Chairs: *Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)*

Discussants: *Emily Dawson (University College London); Simon Lock (UCL)*

HG-12A33: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Building a research network for justice-oriented science communication research (discussion & workshop)

Emily Dawson (University College London)

One size does NOT fit all: localising science communication resources through a network of national and regional hubs

joana Magalhães (Science for Change (SFC)); Jason Pridmore (Erasmus University); Joseph Roche (Trinity College Dublin); Aoife Taylor (Trinity College Dublin)

P057 How, when and why does science (fail to) correct itself?

Combined Format Open Panel

Convenors: *Mady Malheiro Barbeitas (CNRS); Candida Sánchez Burmester (Maastricht University)*

HG-10A33: **Tue 16 Jul 14:00-15:30, 16:00-17:30, Wed 17 Jul 11:00-12:30, 16:00-17:30**

Three nobel prizes later

DK Allchin (Univ. of Minnesota)

Notes on a hypothesis that refuses to die

Sahana Srinivasan (University of Notre Dame)

Reproducibility, photoshop, and collective disciplining

Nephtali Callaerts (University of Namur); Alexandre Hocquet (Archives Poincaré and KHK core RWTH Aachen); Frederic Wieber (AHP-PreST - Université de Lorraine)

Selective citation in the development of a 'hot' research topic

Rhodri Leng (University of Edinburgh)

P073 Rethinking STS through/from the Global South

Combined Format Open Panel

Convenor: *Esha Shah (Wageningen University and Research)*

Chair: *David Ludwig*

Discussant: *Aneesh Aneesh (University of Oregon)*

HG-01A33: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

In search of (a)symmetries: STS meets (de)coloniality in the epistemic space between American psychiatry and Chinese medicine

Windson Lin (University of Groningen)

Circulating plastics and electronics in Kenya: social-materiality and invisible actors in the process

Ilaha Abasli (ISS)

Rethinking infrastructures and decolonization through plant diseases management in the Andes

Camilo Castillo (University of Gothenburg)

STS and ecological crises: perspectives from the global south

Meghana Sharma (York University)

P092 Critical temperature studies: spaces, technologies, and regimes of thermal power

Traditional Open Panel

Convenors: Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)

Chairs: Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)

HG-02A00: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

Critical temperature studies: current issues and futures perspectives of a new research field

Thomas Lemke (Goethe Universität)

(Dis)orienting heat: the thermal politics of monsoonal water

Harshavardhan Bhat (The Ohio State University); Anthony Powis (University of Sheffield)

Food, refrigeration, and techno-politics: environmental governmentality in treaty-port Shanghai, 1900s-1930s

Zhengfeng Wang (Leiden University)

Employed to keep Britain warm: work and the battle over the UK's thermal infrastructure in the 1970s and 1980s

Rebecca Wright (Northumbria University)

Models in a Munich wind tunnel: measuring temperature effects on a west African courtyard house

Frederike Lausch (ETH Zurich)

P097 Hype cycles of the promissory economy: an STS perspective

Traditional Open Panel

Convenors: Louison Carroue (Sciences Po); Yusun Cheng (University of Edinburgh); Neil Pollock (University of Edinburgh); Robin Williams (The University of Edinburgh)

HG-07A33: Tue 16 Jul 11:00-12:30, 14:00-15:30

The rise and fall of promises

Stefan Gaillard (Institute for Science in Society)

Not an end in itself? Consulting firms and their clients navigating the AI hype

Louison Carroue (Sciences Po)

Nano-dreams and Urban Visions

Benjamin Blackwell (University of Manchester)

Hype and hype tools: toolkits and agendas for a promising phenomenon

Yusun Cheng (University of Edinburgh)

P109 Unexpected ways of knowledge production. Spaces for co-creation in Research Infrastructures.

Traditional Open Panel

Convenors: Daria Jadreškić (University of Klagenfurt); Francesca Morselli (TU Delft); Andrea Scharnhorst (Royal Netherlands Academy of Arts and Sciences (KNAW-DANS))

Chairs: Daria Jadreškić (University of Klagenfurt); Francesca Morselli (TU Delft)

NU-3A47: Tue 16 Jul 11:00-12:30, 14:00-15:30

Co-creating whose knowledge? Nuclear fusion RI as a source of epistemic injustices and tensions between new and existing subcommunities

Richelle Boone (Leiden University)

Moral labor and the (re)turn of values in the development of research infrastructures. Trading and re-configuring valuation practices in the co-creation of a data infrastructure for rare cancers

Wouter Boon (Utrecht University); Claudia Egger (Utrecht University); Susan van Hees (Utrecht University)

We need a CERN for AI: Organized interests and agenda-setting in European science, technology and innovation policy

Anna-Lena Rueland (University College London)

P112 Transformed social differentiation through digital transformation

Traditional Open Panel

Convenors: Diego Compagna (University of Applied Sciences - Munich); Melike Sahinol

NU-3B07: Tue 16 Jul 14:00-15:30

Translocally embodied minds: AI agents and the challenge to representation

Philipp Graf (Hochschule München); Manuela Marquardt (Charité - Universitätsmedizin Berlin)

Remotely controlled avatar robots for work: new opportunities or technological fixes?

Celia Spoden (German Institute for Japanese Studies (DIJ) Tokyo)

Touch in the age of digitalization. Historical and sociological perspectives

Diego Compagna (University of Applied Sciences - Munich); Heiko Stoff (Medical School Hannover)

Digital spaces and neurodiverse subjectivities: gender, self-construction, and community in Turkish online platforms

Emine Onculer Yayalar (Bilkent University)

AI vs. employment: is it an opportunity or a challenge in human resources management?

lei SHI (National Academy of Innovation Strategy, CAST); liuhua yang

P143 Re-imagining accountability practices for transformation: accountability practices as ‘world-making practices and narratives’ for systems change.

Combined Format Open Panel

Convenors: Tjerk Budding (*Vrije Universiteit Amsterdam*); Melanie Ehren; Jan Jorrit Hasselaar (*Vrije Universiteit Amsterdam*); Barbara Regeer (*Athena Institute, Vrije Universiteit Amsterdam*); Lieselot Vandebussche (*Athena Institute, Vrije Universiteit Amsterdam*)

Discussant: Anne Loeber (*Athena Institute, VU University*)

HG-10A00: Tue 16 Jul 11:00-12:30, 14:00-15:30

Relational accountability: an emerging model for data’s role in equity-centered local governance

Paul Dourish (*UC Irvine*); Seolha Lee (*University of California, Irvine*)

P151 STS approaches to study contestations of medical evidence-based knowledge and recommendations

Traditional Open Panel

Convenors: Caragh Brosnan (*University of Newcastle, Australia*); Jenny-Ann Danell (*Umea University*); Katharina T. Paul (*University of Vienna*); Pia Vuolanto (*Tampere University, Finland*)

NU-4A25: Tue 16 Jul 11:00-12:30, 14:00-15:30

Contesting contraceptive guidelines: from online spaces to journal publication

Ellen Algera (*University of Amsterdam*)

Well, this shouldn't hurt, I don't know what's wrong with you: exploring the tensions between contraceptive patients and medical evidence-based knowledge

Adele Moore (*University of Liverpool*)

The feminist contestation of EBM in the self-help movement for a new male contraceptive

Léo Girard (*University of Geneva*)

Thinking with folate: adding to the terms of the debate

Mette Kragh-Furbo (*University of Liverpool*); Bryan Lim (*University of Liverpool*)

The recent “silent movement” of traditional, complementary and integrative medicine (TCIM) in the contention with evidence-based medicine. New perspectives on an old debate

Barbara Sena (*University of Bergamo*)

P154 Making and doing oceanic futures: mobilising the ocean and its materialities between hope and loss

Combined Format Open Panel

Convenors: Sarah Rose Bieszczad (*Centre for Science and Technology Studies, Leiden University*); Francesco Colona (*Leiden University*); Judit Varga (*Leiden University*)

Chairs: Sarah Rose Bieszczad (*Centre for Science and Technology Studies, Leiden University*); Francesco Colona (*Leiden University*); Judit Varga (*Leiden University*)

NU-3A06: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

(Un)doing research of the deep sea: the case of the inevitability of deep sea mining

Sarah Rose Bieszczad (*Centre for Science and Technology Studies, Leiden University*)

Exploring the future-making of deep sea science

Sarah de Rijcke (*Leiden University*); Renate Reitsma (*Leiden University*)

Climate-induced mobility and dynamic Oceanian relations in Fiji

Giulio Panettiere (*University of Oslo*); Malakai Waqa (*University of the South Pacific*)

Mobilising macroalgal sequestration as carbon negative oceanic future?

Hansjörg Graul (*Goethe University Frankfurt*)

P180 Knowledge, networks, power: climate infrastructures in the Global South

Combined Format Open Panel

Convenors: Teresa Guadalupe de León Escobedo (*Universidad Nacional Autónoma de México (UNAM)*); Martin Mahony (*University of East Anglia*); Andra Sonia Petrutiu (*Cornell University*)

NU-3B19: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

The climate science-policy interface during the Bolsonaro government

Tiago Ribeiro Duarte (*University of Brasília*)

The politics of postulates: unpacking the normative choices in modelling of food system futures

Abhigya A (*Global Change Research Institute, Czech Academy of Sciences*); Julia Leventon (*Global Change Research Institute of the Czech Academy of Sciences, CzechGlobe*); Stephen Whitfield (*University of Leeds*)

Encountering deforestation: data infrastructures and peasant futures in the Colombian Amazon

Claudia Grisales (*University of Illinois, Urbana-Champaign*)

Infrastructures of postcolonial identity: affect and the technopolitics of Indian climate modeling

Andra Sonia Petrutiu (*Cornell University*)

P188 Caring for digital fieldwork: care-ful method practice in/of digitized worlds through methodography

Traditional Open Panel

Convenors: *Sylvia Irene Lysgård (Oslo Metropolitan University); Frauke Rohden (Chalmers University of Technology)*
Discussants: *Ingmar Lippert (Goethe University Frankfurt); Julie Sascia Mewes (University of Technology Chemnitz)*
HG-15A16: **Tue 16 Jul 14:00-15:30**

Ethnographic screenshots: critical reflections on collecting, analyzing and illustrating data from digital fieldsites

Katharina Berr (Weizenbaum Institute for the Networked Society); Jana Pannier (Weizenbaum Institute for the Networked Society)

Transforming qualitative research practices in digital contexts

Jordan Brensinger; Madisson Whitman (Columbia University)

Covid-19 changed my plans: digital fieldwork in the time of crisis

Maryam Tatari (European New School of Digital Studies, Europa Universität Viadrina)

Ethnographic collecting of online material as 'digital excavation'

Sylvia Irene Lysgård (Oslo Metropolitan University)

P197 Theorising the Breakdown of Digital Infrastructures

Traditional Open Panel

Convenors: *Laura Anna Kocksch (Aalborg University Copenhagen); Mette Simonsen Abildgaard (Aalborg University); Matt Spencer (University of Warwick)*
HG-05A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Matters of life and death: recycling, repairing or discarding smart electronics

Sebastian Abrahamsson (Copenhagen University); Katja de Vries (Uppsala University); Per Fors (Civil and Industrial Engineering)

Failing to bear fruit: when a food waste app goes awry

Tanja Schneider (Technical University of Denmark); Aline Stehrenberger (University of St. Gallen)

Does technical (im)plausibility matter? Mapping the controversy around end-to-end encryption in legislation

Cynthia Ng (University of Warwick)

P210 Digital technologies in food and agriculture: merging STS with Critical Agrifood Studies

Traditional Open Panel

Convenors: *Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))*
Chairs: *Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))*
Agora 1, main building: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Agrarian politics in the era of digital agriculture: Contestation, refusal or alter- digitalisation?

Louis Thiemann (International Institute of Social Studies, The Hague); Oane Visser (International Institute of Social Studies (ISS))

A lot of mess in the space... a lot of facade: grand claims vs. realities in the digitalization of agriculture in Ghana

Sam Nicholas Atanga (Independent Researcher); Fabio Gatti (Wageningen University); Oane Visser (International Institute of Social Studies (ISS))

Agricultural drones and the transformation of cooperatives in Vietnam

Shozo Sakata (Institute of Developing Economies)

Digitalisation of agriculture in India: Impact on small holders and marginal farmers

Susanne Jaspars (SOAS University of London); Christina Sathyamala (Institute for Human Development)

Public funding for data intensive technologies: exploring national imaginaries of global food futures

Katharine Legun (Wageningen)

P212 Experimental articulations of knowledge: water as a site and ground of making and doing transformation

Traditional Open Panel

Convenors: *Ciara Kierans (University of Liverpool); Nicole Vitellone (University of Liverpool)*
Discussant: *Christy Spackman (Arizona State University)*
NU-2B05: **Tue 16 Jul 14:00-15:30, 16:00-17:30**

Clean enough water? On the complexities of diagnosing ecological cleanliness

Fenna Smits (University of Amsterdam)

The Kidney Matterphor - reframing water-health relations in uncertain ecologies

Ciara Kierans (University of Liverpool)

Sealing of water against its own materiality. Observations of chemical laboratory research

Peter Schulz (University of Jena)

The politics of monitoring: knowing microplastics in wastewater

Noah Münster (University of Vienna)

P230 Energy sufficiency, making transformations beyond technology

Traditional Open Panel

Convenors: *Claire Le Renard (LATTS, CNRS, Ecole des Ponts-ParisTech, Université Gustave Eiffel); Grégoire Wallenborn (Université Libre de Bruxelles)*

HG-07A36: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Sufficiency as a matter of care: practices to provide for needs

Laura Beyeler (Brandenburg University of Technology, Cottbus - Senftenberg)

Navigating the frontier between energy poverty and energy sufficiency

Audrey Berry (Réseau de Transport d'Electricité (RTE)); Alain Nadai (Centre national de la recherche scientifique)

Critiquing the energy sufficiency agenda – perspectives from the global south

Manisha Rayaprolu (Norwegian University of Science and Technology)

P234 Animal (im)mobilities

Traditional Open Panel

Convenors: *Vanessa Bateman (Maastricht University); Raf De Bont (Maastricht University); Tom Quick (Maastricht University)*

HG-08A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

A cabinet of immoralities: big game hunting, Spanish fascism and the peripathetic roots of neoliberal museology (1947-2024)

Simon Castel (Institut interuniversitari López Piñero)

Wapiti, red deer, and the making of a "crown herd" in New Zealand 1905 - 1980s

Vanessa Bateman (Maastricht University)

Moving oysters: turning an invasive alien species into a local resource

Marit Ruge Bjærke (University of Bergen)

P255 Making and doing industrial decarbonisation: firms, employees and the world beyond the factory fence.

Traditional Open Panel

Convenors: *Anita Engels (University of Hamburg); Steven Yearley (University of Edinburgh)*

HG-02A33: **Tue 16 Jul 14:00-15:30**

Down-to-earth decarbonisation? Interrogating underground narratives and alliances between CCS actors in France

Lisa Claussmann (Mines Paris-PSL)

Greenwork, environmental society, and technologies of environmental care

Matthew Eisler (University of Strathclyde)

Crossroads to corporate climate action: insights from Japanese and German climate activists

Solange Annaik Commelin (Universität Hamburg)

Two sides of the same coin: looking at challenges of reusing of industrial heat in the UK from both inside and outside the fence

Mark Cassidy (University of Edinburgh); Kyle Parker (University of Edinburgh); Steven Yearley (University of Edinburgh)

P259 Pollution and ubiquity: altered and altering socio-technical worlds

Traditional Open Panel

Convenors: *Tridibesh Dey (Wageningen University and Research); Misria Shaik Ali (IIT Delhi)*

NU-4A45: **Tue 16 Jul 14:00-15:30**

Locating pollution: imaginaries of clean air, cars, and freedom in Berlin

Jack Hensley (Humboldt University in Berlin)

At the margins of global pollution governance: notes from the field

Angeliki Balayannis (Wageningen University and Research)

Governance for porosity: ubiquitous pollution and ubiquitous containments

Misria Shaik Ali (IIT Delhi)

Encountering different ubiquities: the politics of plastic waste in urban India

Tridibesh Dey (Wageningen University and Research)

Living (or not) with pollution: crisis, forever, and toxic timescapes otherwise

Em Panetta (York University)

P295 The new spirit of technoscience: avenues for analysis, critique and intervention in STS

Traditional Open Panel

Convenors: *Tess Doezema (Autonomous University of Barcelona); Nina Frahm*

NU-2B17: **Tue 16 Jul 14:00-15:30**

Recalibrating symmetrical STS critique

Tess Doezema (Autonomous University of Barcelona); Nina Frahm

Mission-critical - mission-oriented innovation and its discontents

Cecilie Hilmer (UCL (University College London))

Finding the other half: innovation as tradition in handloom weaving in India

Annapurna Mamidipudi (Deutsches Museum)

P315 Knowledge, power and people: who gets to know and who gets to decide?

Traditional Open Panel

Convenors: Carina Fearnley Carina Fearnley (UCL); Saheli Datta Burton (UCL); Tiago Jorge Fernandes da Mata (University College London); Cecilie Hilmer (UCL (University College London)); Stephen Hughes (University College London); Michel Wahome (UCL)

Auditorium, main building: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Power relations and scientific scandals: why recommendations for responsible innovation do not preclude irresponsible decision-making

Arie Adriaansen (TU Delft); Britte Bouchaut (Delft University of Technology); Perla Marang-van de Mheen

Knowledge diversity and pluralism in agricultural development: the case of Forikrom in Ghana

Joost Dessein (Ghent University); David Ludwig; ADAMS NANA KWAW (ABOFAP); Branwen Peddi (UGent)

Stakeholder involvement when forecasting energy technology data

Per Dannemand Andersen (DTU); Antti Silvast (LUT University); William Vergo (Technical University of Denmark)

Interrogating the power dynamics of earth observation tools in environmental governance: insights from illegal gold mining in the Peruvian amazon

Marion PLANQUE (University of Geneva)

Co-producing knowledge and action in oceans governance: what forms of power shape linear and co-production models of transdisciplinary research?

Tatyana Sokolova (Södertörn University)

P335 Troubled waters: ethnographic engagements with cleanliness and pollution

Traditional Open Panel

Convenors: Annelieke Driessen (University of Amsterdam); Fenna Smits (University of Amsterdam)

HG-02A36: **Tue 16 Jul 11:00-12:30, 14:00-15:30**

Pollution, Swimming, and Ambivalence within Windermere's Troubled Waters

Taylor Butler-Eldridge (University of Exeter)

Of shaky grounds and troubling waters: Un/known hydrogeology in dealing with eternal burdens.

Janine Hauer (Martin Luther University Halle-Wittenberg)

What is a Plume? Toxic Multiplicity in the City of Water

Jennifer Lee Johnson (Michigan State University)

Water, sanitation and hygiene: behavioural approaches to disregard contamination

Esther Rottenburg (London School of Hygiene and Tropical Medicine)

R494 Going back to the Drawing Board - How can STS help solve problems in academia?

Roundtable

Convenors: Amanda Domingues (Cornell University); Barkha Kagliwal (Cornell University)

Discussants: Aadita Chaudhury (York University); Elizabeth Hennessy (University of WisconsinMadison); Noela Invernizzi (Federal University of Parana); Malte Ziewitz (Cornell University)

Aurora, main building: **Tue 16 Jul 14:00-15:30**

15:00-16:00

Coffee/tea break

15:30-17:00

Session 3a

CP426 The material political economy of digital platforms

Closed Panel

Convenors: Donald MacKenzie (Edinburgh University); Addie McGowan (University of Edinburgh)

Chair: Judy Wajcman (LSE)

HG-14A00: **Tue 16 Jul 15:30-17:00**

Fragile bridges. Identity management and the linked ecologies of marketing technologies (Martech)

Kevin Mellet (Sciences Po)

Battling for your phone: games, platforms, and material political economy

Donald MacKenzie (Edinburgh University)

Platforms, power & advertising: analyzing evolving relations of dependency in the mobile digital advertising ecosystem

David B. Nieborg; Thomas Poell (University of Amsterdam)

What makes users/users make? Airbnb as a system of governance

Addie McGowan (University of Edinburgh)

CP448 Enacting contestation of Artificial Intelligence (AI) – concepts, approaches and techniques

Closed Panel

Convenors: Lou Therese Brandner (University of Tübingen); Simon David Hirsbrunner (University of Tübingen)

NU-2B11: **Tue 16 Jul 15:30-17:00**

Facets of (in-)contestability: the case of AI-powered police intelligence applications

Simon David Hirsbrunner (University of Tübingen); Steven Kleemann (Berlin School of Economics and Law); Milan Nebyl Tahraoui (HWR BerlinFÖPSCMB)

Contestability and practices of critique

Wulf Loh (University of Tuebingen)

Contestation and co-constituency: perspectives from technological mediation and design

Jesse Benjamin (Lancaster University)

User-centric contestability: designing for contestation in AI job interview systems

Lou Therese Brandner (University of Tübingen)

Institutionalizing feedback loops in the design process of public algorithmic systems

Sem Nouws (Delft University of Technology)

CP481 Navigating biosociotechnical complexities: five case studies in making and doing the body.

Closed Panel

Convenors: Shahin Nazar kermanshahi (Utrecht University); Abigail Nieves Delgado (Utrecht University)

Discussant: Shahin Nazar kermanshahi (Utrecht University)

HG-07A32: **Tue 16 Jul 15:30-17:00**

Biosociotechnical bodies and properties: new body-property relationship in the context of reproductive biocapitalism

Leah Muñoz Contreras (National University Autonomous of Mexico)

The biosociotechnical as a far-right political project: implications and ontologies

Shahin Nazar kermanshahi (Utrecht University)

Biosociotechnicality of alcohol use

Saana Jukola (University of Twente)

The biosociotechnical as a difference making apparatus: creating western and non-western microbiomes

Abigail Nieves Delgado (Utrecht University)

P004 Assetization as techno-economic lock-in

Traditional Open Panel

Convenors: Kean Birch (York University); Jane Bjørn Vedel (Copenhagen Business School)

Chair: Kean Birch (York University)

Discussant: Anetta Proskurovska

HG-KC07: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00, Wed 17 Jul 08:30-10:00**

Turning selves into assets: Georges F. Doriot and the pedagogy of capitalization in early venture capital

Dmitrii Zhikharevich (University of Vienna)

Driving into a paywall: the subscriptionization of consumer vehicles

MC Forelle (University of Virginia, School of Engineering)

Music royalty bonds as the assetization of cultural commodities

D. Bondy Valdovinos Kaye (University of Leeds)

The democratic financialization of the music industry: on JKBX and the music industry's golden age

Shauna-Kaye Brown (Simon Fraser University)

Assetization protocols and the engineering of science cooperatives

Sebastian Koth (Weizenbaum Institute Berlin)

P006 Aesthetic engagement: sensitisation, metrology & commoning

Traditional Open Panel

Convenors: Mike Michael (University of Exeter); Alex Wilkie (Goldsmiths, University of London)

Theater 1, NU building: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Walking & reading

Liam Healy (University of Sheffield); Tobie Kerridge (Goldsmiths, University of London); Sarah Pennington (Goldsmiths University of London); Louise Rondel (Goldsmiths, University of London)

Nervous observers: time reform and the aesthetics of colonial science

Kaushik Ramu (FLAME University)

Different yet alike: metrology, interpretation and digitised knowledge across epistemic divides and the 3D revolution in archeology

Tobias Olofsson (Lund University)

P016 Acceptance and acceptability – challenges and opportunities for transformative and sustainable technologies

Combined Format Open Panel

Convenor: Karen Moesker (TU Delft)

HG-08A20: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Smart and secure: the IRIS project's Social Acceptance approach to enhanced Smart City Cybersecurity

Carmela Occhipinti (CyberEthics Lab.); Lorena Volpini (CyberEthics Lab.)

Understanding citizen acceptance of CCS at local level: insights from Portugal and Spain

Ana Delicado (Instituto de Ciências Sociais ULisboa); Lila Gonçalves (CIEMAT (Centro de Investigaciones Energéticas, Ambientales y Tecnológicas)); Sergi López-Asensio (CIEMAT); Christian Oltra (CIEMAT- Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas); Ana Prades (CIEMAT); Jussara Rowland (Instituto de Ciências Sociais, Universidade de Lisboa)

P045 Developing co-laborative methods for digital transformations

Combined Format Open Panel

Convenors: Dennis Eckhardt (FAU Erlangen-Nürnberg); Libuše Hannah Vepřek (University of Tübingen)

NU-6A52: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Constellation analysis as a bridging concept for transdisciplinary collaboration - establishing a weeding-robot for sugar beet cultivation

Anna Baatz (Technische Universität Berlin); Martina Schäfer (Technische Universität Berlin)

Annotated by anthropologists: a collaborative ethnographic approach to datasets, annotation and a ML classifier for social media analysis

Ann-Marie Wohlfarth (University of Tübingen)

Contextual inquiry as collaborative approach in research software engineering

Sabina Mollenhauer (University of Vechta)

Who is in the cockpit? Co-developing an interface for human in command of AI

Matthias Bottel (Nexus Institute); Cecilia Colloesus (Hochschule Aalen); Lisa Jantzen (Aalen University)

P052 Beyond Objecting And Defending Science: Let's Talk About Symmetry, Positionality And Reflexivity In Science And Technology Studies.

Traditional Open Panel

Convenor: Federico Neresini (University of Padova)

Discussants: Stefano Crabu (University of Padova); Jaron Harambam (University of Amsterdam); Paolo Volonté (Politecnico di Milano)

HG-06A32: **Tue 16 Jul 15:30-17:00**

Refused agriculture: permaculture and biodynamic farming as refused knowledge

Paolo Giardullo (University of Padova)

Challenging autism, challenging experts: social movements as spaces for the creation of controversial bodies and identities

Catherine Tan (Vassar College)

Contradictions of contradicting. The practice of othering as challenge for (public) anthropology

Ehler Voss (University of Bremen)

Mapping epistemic structures in discourses on healthcare and wellbeing refused by science. A mixed-method study of narrative repertoires in two online communities

Ilenia Picardi (University of Naples Federico II); Luca Serafini (University of Naples Federico II); Marco Serino (University of Naples Federico II)

P066 Envisioning ethics – what does it mean to integrate ethical reflection into the early phases of technology development?

Combined Format Open Panel

Convenors: Sabine Ammon (TU Berlin); Nele Fischer (Technische Universität Berlin); Wenzel Mehnert (Technische Universität Berlin)

Theater 5, NU building: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Participatory integration of ethical values to prevent unintended consequences of smart home technology

Alexa Becker (Anhalt University of Applied Sciences); Arne Berger (Anhalt University of Applied Sciences); Andreas Bischof (Chemnitz University of Technology); Andy Börner (Chemnitz University of Technology); Karola Köpferl (Chemnitz University of Technology); Albrecht Kurze (Chemnitz University of Technology)

Dealing responsibly with tacit assumptions. An interdisciplinary approach to the integration of ethical reflection into user modelling

Dimitry Mindlin (Bielefeld University); Martina Philippi (Paderborn University)

A double-tiered approach to integrating ethics in technology development: intertwining embeddedness and external objectivity in interdisciplinary collaboration

Sabrina Blank (University of Lübeck); Christian Herzog (University of Lübeck)

Integrating ethical reflection in AI development: challenges and lessons from developing an AI ethics tool

Sarah Hladikova (Tufts University); Andreia Martinho (Tufts University); Yuling Wang (Tufts University)

P074 The limits of Open Research: critical views and new perspectives

Combined Format Open Panel

Convenors: Louise Bezuidenhout (University of Leiden); Ismael Rafols (Leiden University)

NU-4B05: **Tue 16 Jul 15:30-17:00, Wed 17 Jul 08:30-10:00**

Monitoring open science taking equity and inclusion into account

Ingeborg Meijer (University Leiden); Jordi Molas-Gallart (INGENIO (CSIC-UPV)); Ismael Rafols (Leiden University)

The right to publish vs. exclusive quality standards and the role of publishing platforms in open science

Gustaf Nelhans (University of Borås)

An equitable digitalization of the biogenome: a twin commons approach

Lotte Asveld (Delft University of Technology); Bob Kreiken (Delft University of Technology)

Meaningful openness and the limits of Open Science

Louise Bezuidenhout (University of Leiden)

P102 STS and post infection disease states: attending to the politics of emerging forms of knowledge-making

Traditional Open Panel

Convenors: Nora Engel (Maastricht University); Janneke M.L. Kuiper (KU Leuven); Ine Van Hoyweghen (KU Leuven)

HG-02A24: **Tue 16 Jul 15:30-17:00**

What is "radical cure" if not a "cure" to P. vivax malaria?

Sarah Cassidy-Seyoum (Maastricht University); Muthoni Mwaura (Charles Darwin University and Maastricht University)

The politics of post-infection disease diagnoses: the case of post-COVID-19

Janneke M.L. Kuiper (KU Leuven); Luca Marelli (University of Milan); Ine Van Hoyweghen (KU Leuven)

Beyond covid? The temporalities of long covid patient knowledge

Lisa Lindén (Chalmers University of Technology); Doris Lydahl (University of Gothenburg)

Living with chronic illness: a creative and collaborative exploration

Susi Geiger (University College Dublin); Olga Loza (University College Dublin)

P111 Knowledge politics in/through/with microbes

Traditional Open Panel

Convenors: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

Chairs: Shiho Satsuka (University of Toronto); Wakana Suzuki (Osaka University)

HG-12A00: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

The requalification of lactic acid bacteria in agronomic and biomedical research in France (1970s-2000s)

Sylvain Lallier (Université Paris Cité)

Seeing like a vector of disease. A contribution to the ontology of microbial knowledge

Marc Barbier (Univ Gustave Eiffel, UMR LISIS, INRAE); Pauline Farigoule

Between peril and promise: microbial knowledge politics in the era of antibiotic resistance

Viona Hartmann (Goethe-University Frankfurt)

Cabinet of curiosity: biological weapons, biological safety, and the biological safety cabinet

Adriana Fraser (University of Pennsylvania)

Microbes, playfulness, and loving ignorance

Jane Dryden (Mount Allison University)

P115 Global socio-technical imaginaries of AI

Combined Format Open Panel

Convenors: Shazeda Ahmed (University of California, Los Angeles); Mashinka Firunts Hakopian (ArtCenter College of Design);

Maya Indira Ganesh (University of Cambridge); Rida Qadri; Noopur Raval (UCLA); Xiaowei Wang (UCLA)

Discussant: Ranjit Singh (Data Society Research Institute)

Theater 2, NU building: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Near(by)ness: what was (and what might be) the large language model?

Sarah Ciston

Global risks and the organised irresponsibility of artificial intelligence

Jack Stilgoe (University College London)

P119 Science and scientists in the public sphere. New trends in science and society relationship.

Traditional Open Panel

Convenors: *Giuseppe Pellegrini (Università di Trento); Andrea Rubin (University of Ferrara (Italy))*
HG-11A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Booster or backlash? How the Corona pandemic has affected scientist's willingness to engage with the public

Frank Marcinkowski (University of Duesseldorf)

Perceived public expectations influence the content of science outreach activities and the willingness of researchers to get involved: the case of neurosciences

Nicolas Brard (Université Paris Cité); Elsa Poupardin (Université Paris Cité)

Under the new information communication mode, the characteristics of the scientists' science communication mode and the public's strategy

tengda guo (Chinese Academy of Science and Technology for Development); rong guo (Chinese Academy Of Science and Technology For Development); Shijie Wei; Shu Xue (Chinese Academy of Science and Technology for Development)

Trust-based relationship between citizens and science: listening to citizens' expectations

Rosario Aprile (Sapienza University of Rome)

Covid-19, public mistrust, and expertise in Japan: diversifying science communication strategies

Kohta Juraku (Tokyo Denki University); Kyoko Sato (Stanford University); Mikihiro Tanaka

P121 In the wake of ecological disaster: navigating pasts and generating futures

Traditional Open Panel

Convenors: *Annelies Kuijpers (Erasmus University Rotterdam); Sophie van Balen (Erasmus University Rotterdam); Irene van Oorschot (Erasmus University Rotterdam)*

NU-5A57: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Home fires burning: kinship, time, and wildfire in western Canada

Koreen Reece (University of Bayreuth)

Forest recovery after the disaster: future-proofing forests on historically disturbed grounds

Irene van Oorschot (Erasmus University Rotterdam)

What is a nest box?

On a multiple technology and past recuperations

Ariane d'Hoop (UCLouvain)

P138 Re:organizing science in society. Organizations as sites and agencies of social transformation

Traditional Open Panel

Convenors: *Claudia Göbel (Johannes Gutenberg University Mainz); Marc Mölders (Johannes Gutenberg-University Mainz)*
HG-11A22: **Tue 16 Jul 15:30-17:00, Wed 17 Jul 08:30-10:00**

Organizations as agents and anchor points of (digital) transformation

Jan-Felix Schrape (University of Stuttgart)

Re:organizing futures: understanding the interplay of future-oriented narratives and organizations in sociotechnical transformations

Stefanie Raible (Johannes Kepler University Linz)

Polities or inter-organizational networks? The contribution of organization studies to understanding how information infrastructures for population management shape Europe

Annalisa Pelizza (University of Bologna and University of Aarhus)

Re:organizing the social boundaries of science: how citizen science establishes public contributorship to research

Claudia Göbel (Johannes Gutenberg University Mainz)

The communication function of universities: is there a place for science communication?

Martin W. Bauer (London School of Economics and Political Science); Marta Entradas (Iscte-IUL); Frank Marcinkowski (University of Duesseldorf); Giuseppe Pellegrini (Università di Trento)

P144 Border infrastructures, geopolitical shocks, and regulation cracks

Traditional Open Panel

Convenors: *Luna Secher Rasmussen (IT University of Copenhagen); Vasilis Vlassis (IT University Copenhagen)*
HG-09A16: **Tue 16 Jul 15:30-17:00**

The new logic and logistics of U.S. food import safety regulation at the border

Heather Paxson (Massachusetts Institute of Technology)

Techniques of territorialization: trade, financial intelligence and border-making in Kashmir

Aditi Saraf (Utrecht University)

Volatile Infrastructure for Border Tourism in the Korean DMZ

Hyun-Gwi Park (Kyung Hee University)

The integration of robots in EU external border regimes

Isabel Matthias (TU Berlin)

Navigating grey areas: the role of autonomous technologies in avoiding legal responsibility and preventing maritime migration to the EU

Paul Langer; Maria Ullrich (Forum Internationale Wissenschaft, University of Bonn)

P156 Cloud, infrastructure, and scale-making

Traditional Open Panel

Convenors: Devika Narayan (University of Bristol); Jean-Christophe Plantin (London School of Economics and Political Science)
NU-3B05: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

When data accumulation challenges technologies, spaces and labor in the data center industry

Clément Marquet (Centre de Sociologie de l'Innovation, Mines Paris - PSL, i3)

Governing through the cloud: Amazon Web Services and the making of Aotearoa's 'cloud region'

Angus Dowell (The University of Auckland)

Reaching European stars with American clouds: rooting European digital sovereignty in Gaia-X

Andreas Baur (Universities of Amsterdam and Tübingen)

Scaling geopolitics: project nimbus

Alex Gekker (University of Amsterdam); Dan M. Kotliar (University of Haifa)

P195 Making and doing AI from Africa: critical insights on AI and data science

Traditional Open Panel

Convenors: Yousif Hassan (University of Michigan - Ann Arbor); Laila Hussein Moustafa (University of Illinois); Jia Hui Lee (University of Bayreuth); Kwame Edwin Otu (Georgetown University); Kebene Wodajo (ETH Zurich)

Chairs: Yousif Hassan (University of Michigan - Ann Arbor); Jia Hui Lee (University of Bayreuth)

Discussants: Laila Hussein Moustafa (University of Illinois); Kwame Edwin Otu (Georgetown University); Kebene Wodajo (ETH Zurich)

HG-11A24: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Pixelating plant beings and gendered bodies: smart farming and the governing of artificial intelligence in South Africa

Laura Foster (Indiana University - Bloomington)

The silence of the machine that burns

Amina Alaoui Soulimani (HUMA University of Cape Town)

How can African digital strategies influence global advances in artificial intelligence? A Senegalese case study on evidence-based decision-making mechanisms

Mor BAKHOUM (Université numérique Cheikh Hamidou KANE (UN-CHK)); Beatrice Bonami (Universität Tübingen); Mouhamed Lome (Cheikh Hamidou Kane virtual university of Senegal); Seydina Moussa Ndiaye (Cheikh Hamidou Kane Digital University)

Epistemic decolonization: towards different sociotechnical visions of AI in Africa

Yousif Hassan (University of Michigan - Ann Arbor)

P204 Imagineering the future: water, infrastructure and human values

Traditional Open Panel

Convenors: Gabrielle Bouleau (Inrae); Peter Mollinga (ZEF Bonn University); Sophie Tabouret (EHESS-CIRED)

HG-13A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Domestic taps and drains and as technopolitical terrain: greywater entanglements in Los Angeles

Sayd Randle (Singapore Management University)

The imagineering of urban waterscapes: riverfronts and floodplains as cultural, political and economic arenas

Pranjal Deekshit (Tata Institute of Social Sciences); Peter Mollinga (ZEF Bonn University)

Adapting to water reforms: a case study of water regime transitions in Ludhiana, India

Pranjal Deekshit (Tata Institute of Social Sciences)

P251 Alternative urban knowledge practices amidst transformation & resistance

Traditional Open Panel

Convenors: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna); Pouya Sepehr (Humboldt University of Berlin)

Chairs: Denver Nixon (Maastricht University); Andrea Schikowitz (University of Vienna)

HG-15A33: **Tue 16 Jul 10:30-12:00, 13:30-15:00, 15:30-17:00**

Pathways in transforming urban maker cultures

Cindy Kohtala (Umeå University)

Infrastructuring citizenry in smart city Vienna: investigating participatory smartification between policy and practice

Pouya Sepehr (Humboldt University of Berlin)

Communicating (counter-)expertise: how collaborative housing groups exchange and negotiate knowledge

Andrea Schikowitz (University of Vienna)

P256 What is limiting artificial intelligence? STS perspectives on AI boundaries.

Traditional Open Panel

Convenors: Marc Böhlen (University at Buffalo); Andrew Lison (University at Buffalo, SUNY)

HG-09A24: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Narrative breakdown of AI – surfacing epistemic limits of information-mathematical materialities

Paola Lopez; Rainer Rehak (Weizenbaum Institute for the Networked Society)

On to new limits! Purpose limitation for AI models as a novel paradigm in AI regulation

Rainer Mühloff (University of Osnabrück); Hannah Ruschemeier (FernUniversität in Hagen)

P270 Theorizing STS perspectives on co-creation as intervention in the green energy transition

Traditional Open Panel

Convenors: Julia Kirch Kirkegaard (Technical University of Denmark); Sophie Nyborg (Technical University of Denmark)

Chairs: Tom Cronin (Technical University of Denmark); Emil Nissen (Technical University of Denmark)

NU-4B43: **Tue 16 Jul 15:30-17:00**

Local energy sharing and artificial intelligence: testing, citizen science and co-creation

Rocco Bellanova (Vrije Universiteit Brussel); Simone Casiraghi (Vrije Universiteit Brussel); Rob Heyman (Vrije Universiteit Brussel); Ana Pop Stefanija (imec-SMIT, Vrije Universiteit Brussel)

Making STS knowledge actionable: experiences from integrating rural socio-economic development with decentralised green hydrogen production, storage, and distribution

Johannes Hollenhorst (London School of Economics and Political Science); Annabel Pinker (The James Hutton Institute)

Assembling energy landscape: photovoltaics, local sensitivity and wetland conservation

Chihyuan Yang (National Chengchi University)

P285 Exploring the tools and uses of prototyping: investigating how knowing by doing takes shape

Combined Format Open Panel

Convenors: Vincent Cardon (Université Picardie Jules Verne); Eric Dagiral (Université Paris Cité); Victor Potier (Université Gustave Eiffel); Vinciane Zabban (Experice - Université Sorbonne Paris Nord)

HG-05A16: **Tue 16 Jul 15:30-17:00**

Prototyping as a quasi-laboratory. Interweaving digital tools, expertise and design trajectories

Soazig DI BIANCO (LARESS - Ecole Supérieure d'Agricultures Angers); Baptiste Kotras (INRAE); Victor Potier (Université Gustave Eiffel)

In the shadows of board game festivals: the discreet digitization of the prototyping process

Aurora Deramond (Université Sorbonne Paris Nord - LabEx ICCA); Vinciane Zabban (Experice - Université Sorbonne Paris Nord)

A prototype, which prototype? exploring tensions in using digital prototyping tools in video game projects

Laureline Chiapello (University of Québec in Chicoutimi, Canada (UQAC))

That's annoying. We will have to write some custom code: ethnography of platform powered web software production work

Nikita Aleinikov (Université Sorbonne Paris Nord)

P323 Environmental forms after the apocalypse: postcolonial science and society amidst industrial ruins

Traditional Open Panel

Convenor: Syed Shoaib Ali (Southasia Institute of Advanced Studies, Kathmandu, Nepal)

HG-09A32: **Tue 16 Jul 15:30-17:00**

Neocolonial implications of de-extinction technology

S.L. Nelson (University of Sussex); Kate O'Riordan (University of Sussex)

Infrastructural intrusion and ecological inversion: vulnerabilities of the urban forms in the Eastern Himalayan connect routes

Archana Pathak (Indian Institute of Technology Mandi)

P348 Digital ghost work: human presences in AI transformations

Traditional Open Panel

Convenors: Yana Boeva (University of Stuttgart); Hendrik Heuer (Center for Advanced Internet Studies (CAIS) and University of Wuppertal); Milagros Miceli (Weizenbaum Institute); Roger Andre Søraa (NTNU)

Chairs: Yana Boeva (University of Stuttgart); Hendrik Heuer (Center for Advanced Internet Studies (CAIS) and University of Wuppertal)

NU-6A25: **Tue 16 Jul 13:30-15:00, 15:30-17:00**

Uncovering facial data annotation

Assia Wirth

Unpacking data annotation work practices and workarounds: insights from Indian outsourcing firms

Srravya Chandhiramowuli (University of Edinburgh); Sara Heitlinger (City, University of London); Alex Taylor (University of Edinburgh); Ding Wang

Contested networks: worker marginalisation and platform power dynamics in china's platform economy

Taoyue Wang (University College London); Tianyu Zhao (University College London)

P352 Thinking beyond scientism in early childhood education

Traditional Open Panel

Convenor: Malvika Agarwal (Western University)

HG-02A37: **Tue 16 Jul 15:30-17:00**

Beyond the classroom wastebin: fostering multispecies kinships and relational pedagogies in early childhood education

Maureen Cullen (Western University)

New materialism, young humans and more-than-humans: ethnographic perspectives on intra-actions in early childhood education

Felizitas Juen (Zurich University of Teacher Education)

With child-led research towards multispecies futures

Turkan Firinci Orman (Aalto University); Idil Gaziulusoy (NODUS Sustainable Design Research Group, Aalto University); Gloria Lauterbach (NODUS Sustainable Design Research Group, Aalto University); Julia Lohmann (Aalto University)

A speculative digital methodology for children co-designing cities of the Anthropocene

Malvika Agarwal (Western University)

P354 The exnovative method as innovation from within

Traditional Open Panel

Convenor: Jessica Mesman (Maastricht University)

Chair: Willemine Willems (VU)

NU-5A47: **Tue 16 Jul 15:30-17:00**

Reflexive evaluation for transformative climate policy: a practice oriented approach

Hide Boonstra (VU Athena Institute); Eva-Maria Kunseler (PBL Netherlands Environmental Assessment Agency); Anne Loeber (Athena Institute, VU University); Pia Nabielek (PBL); Lieselot Vandenbussche (Athena Institute, Vrije Universiteit Amsterdam)

Doing without episiotomy: how midwives and obstetricians disentangle themselves from a controversial practice

Lola MIROUSE (Paris School of Advanced Studies in the Social Sciences)

Burning questions on danger and safety: some blazing-hot complexities of relating terms in practice

Roos Metselaar (University of Amsterdam); René Nissen (University of Amsterdam)

R479 Building STS Networks: Motivations, Strategies, Challenges

Roundtable

Convenors: Rohit Negi (Ambedkar University Delhi); Naveen Thayyil (Indian Institute of Technology Delhi)

Chair: Aalok Khandekar (Indian Institute of Technology Hyderabad)

Discussants: Noela Invernizzi (Federal University of Parana); Duygu Kasdogan (Izmir Katip Celebi University); Wen-Hua Kuo (National Yang Ming Chiao Tung University); Angela Okune; Thao Phan (Monash University)

HG-05A33: **Tue 16 Jul 15:30-17:00**

W465 Designing AI Agents Simulations for STS (post)qualitative research

Workshop

Convenors: František Kalvas (University of West Bohemia); Denisa Kera (Bar Ilan University); Roman Mouček (University of West Bohemia)

NU-4A06: **Tue 16 Jul 15:30-17:00**

W484 Making forestscapes - recomposing sound and video for collective inquiry into forests as living cultural landscapes

Workshop

Convenors: Maud Borie (King's College London); Liliana Bounegru (King's College London); Angela Y. T. Chan (Independent); Jonathan W. Y. Gray (King's College London); Andrés Saenz de Sicilia (Northeastern University London)

NU-2B18: **Tue 16 Jul 15:30-17:00**

16:00-17:30

Session 3b

CP438 Not Doomed to Repeat It: Using Analogical Case Study for Technology Assessment and Governance

Closed Panel

Convenors: Denia Djokic (University of Michigan); Molly Kleinman (University of Michigan); Shobita Parthasarathy (University of Michigan); Margarita Rodriguez Morales (University of Michigan)

Discussant: Brice Laurent (Mines ParisTech)

HG-10A00: **Tue 16 Jul 16:00-17:30**

Using historical cases to shape public and policy discussion about emerging technologies

Shobita Parthasarathy (University of Michigan)

A case of the cases: anticipating the impacts of advanced nuclear reactors through analogical case study

Denia Djokic (University of Michigan)

Developing cases while developing scholars: teaching students how to apply STS to real world questions about emerging technologies

Molly Kleinman (University of Michigan)

Becoming a researcher, responding to technological challenges: three lessons from my participation in a Vaccine Hesitancy Technology Assessment Project

Margarita Rodriguez Morales (University of Michigan)

CP440 Postphenomenology: Practical Applications

Closed Panel

Convenor: Kirk Besmer (Gonzaga University)

Chair: Kirk Besmer (Gonzaga University)

Discussants: Lars Botin (Aalborg University); Ralf Cox (University of Groningen); Robert Rosenberger (Georgia Institute of Technology); Galit Wellner (Holon Institute of Technology (HIT)); Ryan Wittingslow (University of Groningen)

Aurora, main building: Tue 16 Jul 16:00-17:30

Postphenomenological AI regulation: navigating uncharted waters

Galit Wellner (Holon Institute of Technology (HIT))

How can postphenomenology contribute to the paradigm of STEAM

Lars Botin (Aalborg University)

AI-generated images, art creation, and postphenomenology

Ralf Cox (University of Groningen); Ryan Wittingslow (University of Groningen)

Situatedness and technology studies: on standpoint and postphenomenology

Robert Rosenberger (Georgia Institute of Technology)

CP455 Un/clean Science

Closed Panel

Convenor: Jaco de Swart (Massachusetts Institute of Technology)

HG-07A33: Tue 16 Jul 16:00-17:30

From trash to treasure – and back? Perceptions, politics, and pragmatism in Sargassum algae management in the Caribbean

Ramona Haegele (Julius-Maximilians-University Würzburg); Laura Otto (Julius-Maximilians-University Würzburg)

Embodying uncleanliness: pests, pyrethroids, and pesticide resistance

Cameron Brinitzer (Max Planck Institute for the History of Science)

Cleaning in quantum mechanics: an experimental platform for interdisciplinary dialogues

Alvaro Alarcón (Linköping University); Camilo Castillo (University of Gothenburg)

Dark matter, dirty xenon, and the limits of laboratory experiments

Jaco de Swart (Massachusetts Institute of Technology)

P048 Justice-oriented science communication research: sharing knowledge, building a network (papers and discussion workshop)

Combined Format Open Panel

Convenors: Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)

Chairs: Eleanor Armstrong (Stockholm University); Emily Dawson (University College London); Joseph Roche (Trinity College Dublin)

Discussants: Emily Dawson (University College London); Simon Lock (UCL)

HG-12A33: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

Critically reflect to boldly reimagine: opportunities and challenges in science communication for social justice - the case of Cartas com Ciência

Rafael Galupa; Mariana RP Alves (Research Centre on Didactics and Technology in the Education of Trainers, University of Aveiro AND Cartas com Ciência, non-profit association)

Unreached audiences of science communication: an intersectional overview of exclusion factors

Christian Humm (Saarland University); Philipp Schrögel (Chemnitz University of Technology); Miriam Welz (Leipzig University)

Narrative Infrastructures: Building epistemic cultures through storytelling

Jenny Tilsen (University of Minnesota)

P057 How, when and why does science (fail to) correct itself?

Combined Format Open Panel

Convenors: Mady Malheiro Barbeitas (CNRS); Candida Sánchez Burmester (Maastricht University)

HG-10A33: Tue 16 Jul 14:00-15:30, 16:00-17:30, Wed 17 Jul 11:00-12:30, 16:00-17:30

Enchantment, fables, and unicorns in science: EPR and the construction of nanomedicine

Declan Kuch (University of New South Wales); Nicolas Rasmussen (University of New South Wales)

In the name of the crown: how to draw the line between genuine conceptual innovation and rhetorical devices in scientific research?

Federico Boem (University of Twente); Guillaume Levrier (Université Gustave Eiffel - CNRS); Nathanne Rost (Université Sorbonne Paris Nord)

Claiming new particles: Argumentative alignment and realignment in the nanosciences

Frédérique Bordignon (Ecole des Ponts, Marne-la-Vallée, France LISIS, INRAE, Univ Gustave Eiffel, CNRS, Noisy-le-Grand, France); Willem Halffman (Institute for Science in Society, Radboud University Nijmegen); Wytse Hepkema (Radboud University)

Doing contested science: building social infrastructures in a replication project

Maha Said (Université Sorbonne Paris Nord); Candida Sánchez Burmester (Maastricht University)

P085 Research in and about interdisciplinary fields – new needs for organizing, practicing and evaluating science?!

Traditional Open Panel

Convenors: *Josephine Schmitt (Center for Advanced Internet Studies (CAIS)); Silvio Suckow (Weizenbaum Institute)*
NU-4A45: **Tue 16 Jul 16:00-17:30**

Creating societal impact through impact practices in large-scale transdisciplinary research projects

Wouter Boon (Utrecht University); Jarno Hoekman (Utrecht University); Ellen Moors (Copernicus Institute of Sustainable Development); Tessel Wijne (University Utrecht)

Between societal relevance and accountability: exploring values in inter- and transdisciplinary research practice and evaluation

Anne-Sophie Schaltegger (CSTS Group, ETH Zurich)

Practicing interdisciplinarity: the trials and errors in research on urban heat

Zofia Boni (Adam Mickiewicz University in Poznan)

Analysis of consensus building in interdisciplinary dialogues

Shuichiro Kuwajima; Yu Ohki (Rissho University); Hiroaki Sato (Kyoto University); Ryo Tsuchida (Japan Society for Promotion for the Science)

Facilitating interdisciplinary research – a new organizing role addressing new needs in interdisciplinary research fields

Samuel T. Simon (Center for Advanced Internet Studies (CAIS))

P092 Critical temperature studies: spaces, technologies, and regimes of thermal power

Traditional Open Panel

Convenors: *Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)*

Chairs: *Jiat-Hwee Chang (National University of Singapore); Rafico Ruiz (Canadian Centre for Architecture); Alla Vronskaya (University of Kassel)*

HG-02A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Acclimatising extractivism: mobile architecture and rotational urbanism in western Siberia, 1960-1992

Ksenia Litvinenko (Leibniz Institute for Research on Society and Space)

Acclimatization and/as extraction: thermal physiology from South Africa's gold mines to NASA's Skylab

Megan Eardley (University of Kassel)

Thermal colonization: acclimatizing the Algerian Sahara to the French extractive industries

Paul Bouet (Université Gustave Eiffel)

Thermal exposure on Inuit lands: Qallunaat cold war architectures

Rafico Ruiz (Canadian Centre for Architecture)

P094 Hope, hype and lowering expectations in translational medicine

Traditional Open Panel

Convenor: *Isabel Briz Hernandez (The Chinese University of Hong Kong)*

NU-4B47: **Tue 16 Jul 16:00-17:30**

I did not expect this to work at all: fluctuating expectations of brain pioneers in first-in-human trials of implantable neural devices

Andrew Brown (University of Washington); Sara Goering (University of Washington); Eran Klein (Oregon Health and Science University)

Sociotechnical imaginaries shaping research and development of epigenetic editing

Eline Bunnik (Erasmus MC); Michelle Habets (The Rathenau Instituut); Phil Macnaghten (Wageningen University); Sophie van Baalen (Rathenau Instituut); Thomas Verra (Rathenau Institute)

Overselling the microbiome: hype, professional norms, and scientific self-fashioning in human microbiome science

Megan MacGregor (University of Chicago)

Abandoned hope: company recessions of experimental implant technologies

Jennifer Croissant (University of Arizona)

P098 Exploring, doing, and making infrastructural ideologies that center limits, reduction, and redistribution

Combined Format Open Panel

Convenors: *Maxigas . (critical infrastructure lab); Fieke Jansen (University of Amsterdam); Niels ten Oever (University of Amsterdam)*

Chairs: *Fieke Jansen (University of Amsterdam); Niels ten Oever (University of Amsterdam)*

Discussant: *Maxigas . (critical infrastructure lab)*

NU-4A25: **Tue 16 Jul 16:00-17:30**

The role and place of ideas in the design of infrastructure

Leonid Iuldashev

Connectivity and colonization: regional Internet shutdowns and indigenous movements in "Russia"

Ksenia Ermoshina

The ‘Digital Transformation for Development’ Anti-politics Machine: A case study on global digital development governance and public-sector digital transformation initiatives in Uganda

Nai Lee Kalema (UCL Institute for Innovation and Public Purpose)

P101 STS confessions: untold stories in transforming fieldwork into text

Traditional Open Panel

Convenors: Timo Roßmann (Goethe University Frankfurt); Markus Rudolphi (Goethe University Frankfurt)

NU-2B17: **Tue 16 Jul 16:00-17:30**

Access failed: critical distance as a matter of relational distance

Nima Madjzubi

Unasked questions and untold stories: when the researcher avoids places and materialities she is supposed to pay attention to

Marie Bieler (University of Geneva); Cornelia Hummel (University of Geneva)

Innovative concepts in healthcare: an untold story about the importance of in-betweenness for bringing together STS and its significant others

Violet Petit-Steeghs (Erasmus University Rotterdam); Gili Yaron (Windesheim University of Applied Sciences)

P152 Permanent migration of records and digital representations: decomposing the coloniality of fixed archival knowledge

Combined Format Open Panel

Convenors: Flavia Caviezel (Basel Academy of Art and Design, University of Applied Sciences and Arts Northwestern Switzerland);

Lucie Kolb (Basel Academy of Art and Design FHNW); Selena Savic (University of Amsterdam)

HG-09A29: **Tue 16 Jul 16:00-17:30**

Decolonizing Digital Archives

Selena Savic (University of Amsterdam)

How to deal with gaps in “object biographies” belonging to collection’s digital archives

Flavia Caviezel (Basel Academy of Art and Design, University of Applied Sciences and Arts Northwestern Switzerland)

Partial Chronicle: Archiving the Silenced Chinese Cyberfeminist Voices

ephemeral:data /

P154 Making and doing oceanic futures: mobilising the ocean and its materialities between hope and loss

Combined Format Open Panel

Convenors: Sarah Rose Bieszcza (Centre for Science and Technology Studies, Leiden University); Francesco Colona (Leiden University); Judit Varga (Leiden University)

Chairs: Sarah Rose Bieszcza (Centre for Science and Technology Studies, Leiden University); Francesco Colona (Leiden University); Judit Varga (Leiden University)

NU-3A06: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Exploring social research on traditional sailing ships: embracing degrowth principles

Montse Pijoan (Independent Researcher)

Cruel environmentalism and invasivore optimism: on aliens and bellies, hope and despair in the Mediterranean Sea

Karin Ahlberg (University of Bremen)

Decolonizing the ocean literacy

Melissa Vivacqua Rodrigues (Federal University of São Paulo)

The future of past reefs: politics of care in oyster restoration across the North Atlantic

Annet Pauwelussen (Wageningen University)

P166 Experimentation on future mobility and society

Traditional Open Panel

Convenors: Manuel Jung (Technical University of Munich); Michael Mögele (TU Munich); Alexander Wentland (Technical University of Munich)

Chair: Sophia Knopf (School of Social Sciences and Technology, TU Munich)

NU-3A57: **Tue 16 Jul 16:00-17:30**

Proliferating experiments for transforming mobility and society?

Manuel Jung (Technical University of Munich); Alexander Wentland (Technical University of Munich)

Electric vehicles and the race to road transfer: formula E and extreme E as cultural and technological testbeds

Eva Gray (University of Edinburgh)

The attachments of 'autonomous' vehicles

Jack Stilgoe (University College London); Chris Tennant (University College London)

Engaged micro-mobility research as pragmatist mobility innovation strategy: experimenting with household e-cargo bike use in 3 UK cities

Frauke Behrendt; Mary Darking (University of Brighton); Nicholas Marks (University of Brighton); Ian Philips (University of Leeds)

Gender sensitive future mobility: experiments in co-design

Marco Diana; Alvise Mattozzi (Politecnico di Torino); Luca Princivalle (Politecnico di Torino)

P181 Thermal transformations and materializations: rethinking socio-material entanglements from the perspective of heat
Traditional Open Panel

Convenors: Aalok Khandekar (Indian Institute of Technology Hyderabad); Elisabeth Luggauer (Humboldt University Berlin); Jorge Martin Sainz de los Terreros (HU-Berlin)
HG-01A33: Tue 16 Jul 16:00-17:30

Understanding heat in the southern city: some methodological considerations

Aalok Khandekar (Indian Institute of Technology Hyderabad)

Moving, working and dwelling in overheated urban environments: the emergence of cooling wearables. An ethnographic account from Fukuoka, Japan

Margherita Tess

Institutional epistemologies of heat: the multiple ways of problematising and operationalising heat within bureaucratic and administrative work in the municipality of Madrid

Jorge Martin Sainz de los Terreros (HU-Berlin)

P187 Infodemics: a problem in the making and the making of a problem

Traditional Open Panel

Convenor: Michael Rabi (The Hebrew University of Jerusalem)

HG-10A20: Tue 16 Jul 16:00-17:30

Problematizing information: public health governance changes and epidemic/pandemic legacies

Michael Rabi (The Hebrew University of Jerusalem)

Science distrust: scapegoating social media?

Marit de Jong (Rathenau Instituut); Luuk Ex (Rathenau Instituut); Anne-Floor Scholvinck (Rathenau Instituut)

Misinformation is in the eye of the beholder: wildfire, conspiracy theories, and epistemic accusations

Eric Kennedy (York University)

Infodemic regulation: a critical discursive analysis of Brazil's plenary discussion of the fake news bill

Bárbara Tauffner de Souza (University of California, San Diego)

Is Indonesia in the midst of an 'infodemic'?

Ross Tapsell (The Australian National University)

P192 Epistemic emergencies / emergency epistemics

Traditional Open Panel

Convenors: Finn Langbein (University of Marburg); Sven Opitz (University of Marburg); Leon Wolff (University of Marburg); Franziska Zirker (University of Marburg)

Discussant: Tony Joakim Ananiassen Sandset (University of Oslo)

NU-3A47: Tue 16 Jul 16:00-17:30

Introduction: emergency epistemics and epistemic emergencies

Sven Opitz (University of Marburg); Leon Wolff (University of Marburg)

Emergency frictions in humanitarian design

Jonathan Luke Austin; Anna Leander (Geneva Graduate Institute); Tania Mikaela Messell (FHNW)

The affective atmosphere of COVID-19 simulations

Finn Langbein (University of Marburg)

The present present. How to capture an epidemic situation in "real time"

Franziska Zirker (University of Marburg)

P197 Theorising the Breakdown of Digital Infrastructures

Traditional Open Panel

Convenors: Laura Anna Kocksch (Aalborg University Copenhagen); Mette Simonsen Abildgaard (Aalborg University); Matt Spencer (University of Warwick)

HG-05A00: Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30

Fragile computing – how to live with insecure technologies

Laura Anna Kocksch (Aalborg University Copenhagen)

Fragile infrastructures – oscillating between (in)security discourse and everyday maintenance work

Michaela Scheriau (VICESSE); Roger von Laufenberg (VICESSE Research GmbH - Vienna Centre for Societal Security)

Repairing 'the frozen waste': the aesthetics of caring for infrastructure in so-called extreme Arctic environments

Mette Simonsen Abildgaard (Aalborg University)

What is a security model? Exploring models of trust and trust in models in cybersecurity - a comparative case study of distributed trust and zero trust

Daniele Pizio (University of Warwick); Matt Spencer (University of Warwick)

P207 Environmental Futures - from multiple epistemologies to mixed methods and diverse results (present-perform-reflect)

Combined Format Open Panel

Convenor: *Ludwig Weh (Fraunhofer IMW)*

HG-05A24: **Tue 16 Jul 16:00-17:30**

Shifting a universe towards a pluriverse for sustainable futures: research design of a 3-year project

Tom Bauler; Thomas Block (Ghent University); Kimberley Vandenhoele (Ghent University and Université libre de Bruxelles)

Future forests: building future ecologies through sensory and speculative methods

Justyna Doherty (Institute of Art, Design Technology Dún Laoghaire, Ireland); Clyde Doyle (IADT)

Atmospheric SF from the microclimate meteorological institute

Aftab Mirzaei (York University)

Participatory Futures: Designing Alternative Scenarios for Alpine Communities

Giulia Fasoli; Ingrid Kofler (Free University of Bozen-Bolzano)

P210 Digital technologies in food and agriculture: merging STS with Critical Agrifood Studies

Traditional Open Panel

Convenors: *Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))*

Chairs: *Fabio Gatti (Wageningen University); Katharine Legun (Wageningen); Oane Visser (International Institute of Social Studies (ISS))*

Agora 1, main building: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

The roles of data analysts on fish farms: care for the data, care for the fish and productivity

Francisca Grommé (Erasmus University Rotterdam)

Mediating between local farming and technocracy: the role of social enterprise in constructing eco-friendly agricultural discourse and practice in Taiwan

Mi Pan (National Yang Ming Chiao Tung University)

Digital sheep: visions of data futures in British sheep farming

Sarah Hartley (University of Exeter); Hugh Williamson (University of Exeter)

Is precision fermentation a farmers' thing?

Mariana Hase Ueta (Wageningen University and Research); Zoë Robaey (Wageningen University)

Digitally-assisted plant assessments - following growers' sustainable decisions

Mylène Tanferri (IT University Copenhagen)

P212 Experimental articulations of knowledge: water as a site and ground of making and doing transformation

Traditional Open Panel

Convenors: *Ciara Kierans (University of Liverpool); Nicole Vitellone (University of Liverpool)*

Discussant: *Christy Spackman (Arizona State University)*

NU-2B05: **Tue 16 Jul 14:00-15:30, 16:00-17:30**

Polluted knowledge: militarized sites of learning and indigenous futurisms

Ka'ula Alipio (University of California San Diego); Victoria Siaumau (UC San Diego)

Can STS scholars be interlocutors of water purification technicians?

Luisa Cortesi (International Institute of Social Studies)

Loitering in an interdisciplinary world: rethinking the devices of social science in research with water

Nicole Vitellone (University of Liverpool)

P234 Animal (im)mobilities

Traditional Open Panel

Convenors: *Vanessa Bateman (Maastricht University); Raf De Bont (Maastricht University); Tom Quick (Maastricht University)*

HG-08A00: **Tue 16 Jul 11:00-12:30, 14:00-15:30, 16:00-17:30**

Data under siege: making cattle flows (un)legible in the Brazilian Amazon

Choquet Pierre-Louis (IRD)

Tracking, mapping, monitoring: wildlife corridors as more-than-human infrastructure

Emilie Köhler (University of Cologne)

How to capitalize a migratory species? The case of a marine turtle in the Kuriat Islands marine protected area (Tunisia)

Clément Foutrel (CSI, Mines Paris PSL)

Interfaces of virtual fencing

Kathrin Friedrich

P235 Trial animals for nationhood: constructing nationalist medicines through animal experiments

Traditional Open Panel

Convenors: Po-Hsun Chen (University of Manchester, UK.); Jean Tzu-Yin Chou (University of Glasgow); Tsung-Jen Hung (University of Sydney)

NU-4A67: **Tue 16 Jul 16:00-17:30**

Validating Chinese medicine and nationhood scientifically by monkeys: Taiwan's acupuncture researches in cold war

Po-Hsun Chen (University of Manchester, UK.)

Establishing Singaporean nationhood by servicing pharma-manufacturing in biopolis: centralised-control and governmentally-funding supplement for germfree and gnotobiotic mice through experiments

Jean Tzu-Yin Chou (University of Glasgow)

Reimagining Indonesia through chickens and traditional medicine: postcolonial tensions and the making of Jamu for chickens

Tsung-Jen Hung (University of Sydney)

The national is halal: human trials and new biomedical nationalism of COVID vaccines Merah Putih and IndoVac in Indonesia

En-Chieh Chao (National Sun Yat-Sen University)

P248 Making and (un)doing digital health and welfare transformations: normative tensions and action repertoires of embedded STS researchers

Combined Format Open Panel

Convenors: Eliana Bergamin (Erasmus University Rotterdam); Margot Kersing (Erasmus University Rotterdam); Gigi Vissers (Erasmus University Rotterdam); Rik Wehrens (Erasmus University)

HG-07A36: **Tue 16 Jul 16:00-17:30**

Playing with (dis)empowering for participation in digital health transformations

Julia Kurz (Technical University of Dortmund)

The role of the embedded researcher in health technology consortia: exploring normative tensions and action repertoires

Lieke Oldenhof (Erasmus University Rotterdam); Rik Wehrens (Erasmus University)

P254 STS pedagogies contributing to STEAM education and collective transformations

Traditional Open Panel

Convenors: Elena Durán; Fernando Herrera García (Escuela Politécnica Nacional); Seiko Ishihara-Shineha (Jissen Women's University); Gabriela Onate (CEDIA)

Chair: José Gómez (Universidad de Cuenca)

HG-02A36: **Tue 16 Jul 16:00-17:30**

Reflections from the classroom: constructing the "social" in engineering education in India and locating possibilities for the integration of sts scholarship in engineering curricula

Yogita Suresh (Shiv Nadar University)

Interdisciplinary curriculum design, from an STS approach: civil engineering and social sciences in the higher education system of Ecuador

Jorge Albuja-Sánchez (Pontificia Universidad Católica del Ecuador); Oscar Alvear; Luis Contreras (Technical University of Ambato); Gregorio Páez (CEDIA); Jorge Augusto Toapaxi Alvarez (Escuela Politécnica Nacional)

Retying the gordian knot: integrating emotion into engineering pedagogy

Christine Alexander (University of Maryland); Kuan-Hung Lo (University of Maryland College Park); Timothy Reedy (University of Maryland-College Park)

Serious games for cultivating a diversified perspective on the social implications of science and technology

Yuki Fukuyama (Kwansei Gakuin University); Seiko Ishihara-Shineha (Jissen Women's University)

Guiding principles for sustainability integration in engineering education: what choices do technical universities have?

Zahar Koretsky (TU Eindhoven); Jonas Torrens (Utrecht University); Anna Wiczorek (TU Eindhoven)

P287 Beyond value alignment: invoking, negotiating and implementing values in algorithmic systems

Traditional Open Panel

Convenors: Maria Eidenskog (Department of Thematic Studies); Dorthe Kristensen (University of Southern Denmark); David Moats (University of Helsinki)

HG-15A16: **Tue 16 Jul 16:00-17:30**

From human values to collective values: what are we aligning AI with?

David Moats (University of Helsinki); Minna Ruckenstein

Friction in explainable AI. Materialities of value in algorithmic credit scoring

Miriam Fahimi (University of Klagenfurt); Katharina Kinder-Kurlanda (University of Klagenfurt)

Openness and secrecy in algorithmic systems

Laura Savolainen; Sonja Trifuljesko (University of Helsinki)

Blurred boundaries in the modeling of digital twins: the performative re- purposing of in silico models

Elisa Elhadj (KU Leuven); Maiju Tanninen; Ine Van Hoyweghen (KU Leuven)

AI Safety of what? The role of the x-risk narrative and the EA movement in the popularization of the value alignment problem

Daniel López-Castro (*Instituto de Filosofía, CSIC*)

P356 Impact assessment and formative evaluation as a core element of transformative research in real-world labs

Combined Format Open Panel

Convenor: Franziska Sörgel (*KIT*)

Discussants: Marius Albiez (*Karlsruhe Institute of Technology (KIT)*); Richard Beecroft (*Karlsruhe Institute for Technology*); Franziska Sörgel (*KIT*)

HG-07A16: Tue 16 Jul 16:00-17:30

Transforming work, at work, with workers: a transdisciplinary approach to social impact assessment of new technologies in architecture, engineering and construction

Gudela Grote (*ETH Zürich*); Kim Helmersen (*ETH Zurich*); Sihui Wu (*Chair of Work and Organizational Psychology, Department Management, Technology, and Economics, ETH Zurich, Zurich, Switzerland*)

Formative evaluation of transdisciplinary research for systematic impact orientation in real-world laboratories

Emilia Nagy (*Technische Universität Berlin*); Martina Schäfer (*Technische Universität Berlin*); Jasmin Wiefek (*Technische Universität Berlin*)

R450 Interdisciplinary research in DOHaD: past, present, and future directions of biosocial collaboration

Author Meets Critics

Convenors: Jaya Keaney (*University of Melbourne*); Tessa Moll (*University of the Witwatersrand*); Michael Penkler (*University of Applied Sciences Wiener Neustadt*); Michelle Pentecost (*King's College London*)

Discussants: Sarah Davies (*University of Vienna*); Sahra Gibbon (*University College London (UCL)*); Martha Kenney (*San Francisco State University*); Joerg Niewoehner (*Technical University of Munich*); Natali Valdez (*Purdue University*)

HG-06A00: Tue 16 Jul 16:00-17:30

R482 Arts of/for/with microbial care

Roundtable

Convenors: Tarsh Bates (*Umeå University*); Eleni Michael

Discussants: Riina Hannula (*University of Helsinki*); Maya Hey (*Centre for the Social Study of Microbes, University of Helsinki*); Kaajal Modi (*University of York*); Maro Pebo (*Waag Futurelab*)

HG-06A33: Tue 16 Jul 16:00-17:30

17:00-17:45

Break

17:45-19:15

Presidential Plenary and Opening: Making Policy and/as STS Scholarship

Aula, main building; live stream in Auditorium, HG-KC07 and HG-12A00 in the main building, Theater 2 in the NU building, and online

Speakers: Alondra Nelson (*Institute for Advanced Study*) and Brice Laurent (*Mines ParisTech*)

Convened and moderated by: Maja Horst (*Aarhus University*) and Anne Pollock (*King's College London*)

19:30-22:00

Evening events

Cornell S&TS at 4S/EASST 2024

Nino's Surinam Food Gustav Mahlerlaan 149 1082 MV Amsterdam, Netherlands: 19:30-21:00

Early Career Researchers (ECR) in STS Meetup

Dicky's Grand Café: 19:30-22:30

To help us estimate numbers, please fill out this form:

<https://docs.google.com/forms/d/e/1FAIpQLScgkBJvKaAvJ2G3q7tRCab5Qq8aOHcpFC1SUxxf-3Dk3RZs2w/viewform>

Swiss Association for Science and Technology Studies (STS-CH) networking event

De Pijp district: 20:30-22:00

If you are interested in joining us, please fill out the following Google form, and we will provide you with the exact venue details closer to the date: <https://docs.google.com/forms/d/e/1FAIpQLSdzBrt5e5hdCwLecclFJoOsSugeh3zCiv5G-s4UqQk1pQXAgA/viewform>

Wednesday 17 July

07:30-08:00

Getting ready to present and connect - coaching segment

Online

Presented by academic life coach Catelijne Coopmans. More info: <https://www.easst4s2024.net/presentingandconnecting/>

07:45-17:00

Reception desk open

Main building, entrance

08:30-10:00

Session 4a

P001 Innovation discontinuities

Traditional Open Panel

Convenor: *Cornelius Schubert (TU Dortmund)*

HG-08A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Innovation as (dis)continuous growth: natural limits, environmental doomsayers, and SPRU's pro-innovation econometrics

Ryan MacNeil (Acadia University)

Basic rationales in innovation programs: tracing ideational (dis)continuities across contexts and vernaculars

Signe Vikkelsø (Copenhagen Business School)

Reimagining Innovation Pathways: Exnovation and Buen Vivir as Global North-South Dialogues

Rick Hölsgens (TU Dortmund University); Karina Maldonado-Mariscal (TU Dortmund University)

Reprogramming determinism: Thailand's satellite edtech undertaking

Panita Chatikavanij (Virginia Tech)

P003 Outer space: imaginaries, infrastructures and interventions

Combined Format Open Panel

Convenors: *Nina Klimburg-Witjes (University of Vienna); Joseph Popper (University of Vienna); Matjaz Vidmar (University of Edinburgh)*

Discussants: *Eleanor Armstrong (Stockholm University); David Jeevendrampillai; Nina Klimburg-Witjes (University of Vienna); Richard Tutton (University of York)*

Auditorium, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 09:00-10:30**

Learning to moonwalk

Sitraka Rakotoniaina (Central Saint Martins, University of the Arts London)

To Mars and beyond: examining SpaceX's sociotechnical imaginaries of a multiplanetary species

Marta Garcia Escobar (Utrecht University)

Anti-imperial imaginaries: outer space beyond the military-industrial-complex

Frank Tavares (Columbia University); Natalie Trevino (Open University)

Comparing the sociotechnical imaginaries of two norm-setters: the Artemis Program and the international lunar research station

Christina Zschieschang (Bielefeld University)

Simulating spacesuits – imagining humans on Mars

Veronika Nowak (University of Vienna)

P010 Remaking bodies after traumatic injury: trajectories of injury and repair

Traditional Open Panel

Convenors: *Monica Casper (San Diego State University); Daniel Morrison (University of Alabama in Huntsville)*

HG-06A32: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Legal evidence of injury in humanitarian medicine: an historical case study of *médecins sans frontières*' work in post-rape medical care

Jaimie Morse (University of California, Santa Cruz)

After shot: repairing, remembering and paralysis after gun violence

Jason Pribilsky (Whitman College)

From repair to re-animation: relational trauma work and the (un)making of overdose

Sylvia McKelvie (University of Oxford)

P011 Knowing & doing: training at the human/non-human intersection

Combined Format Open Panel

Convenors: *Liliana Gil (Ohio State University); Alexios Tsigkas (FLAME University)*

Chair: *Alexios Tsigkas (FLAME University)*

Discussant: *Liliana Gil (Ohio State University)*

HG-02A24: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

How to train your houseplant: social and embodied knowledge-making among houseplant collectors

Beatriz Mutter Quindere Fraga (University of Oxford)

Training to grow: coaxing productivity out of plants and people

Jessica Caporusso (York University)

A feeling for information: sensory training and somatic science in post-socialist China, 1978-1999

Yue Zhao (Cornell University)

P013 Social innovation: forms, evidence, and perspectives

Traditional Open Panel

Convenor: *José Francisco Romero-Muñoz (Benémerita Universidad Autónoma de Puebla)*

HG-15A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Exploring the entrepreneurial higher education curriculum in Mexico: where is social innovation entrepreneurship?

Wietse De Vries Meijer (Benémerita Universidad Autónoma de Puebla); José Francisco Romero-Muñoz (Benémerita Universidad Autónoma de Puebla)

Assessing the social value of university partnerships and academic driven knowledge exchange (KE)

Valeria Ramirez (University of Cambridge)

Use of e-learning in developing countries of Sub-Saharan Africa: an analysis of women's participation in Cameroon

Mengue Charly (University of Yaounde 2-Cameroon)

P025 Engaging society as climate science

Combined Format Open Panel

Convenors: *Jaron Harambam (University of Amsterdam); Willemine Willems (VU)*

HG-14A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Exploring the role of visual artists in fostering climate deliberations at the KlimaatExpo Muiderslot 2024

Aafke Fraaije (Technical University Delft)

Engaging communities for sustainable urban mobility: the role of citizen science and serious games in Bologna's I-CHANGE project

Teresa Carlone (University of Bologna); Selene Tondini (University of Bologna)

P061 Power through the flow: practices, knowledge, and territories of the logistics industry

Traditional Open Panel

Convenors: *Victor-Manuel Afonso Marques (Université de Bordeaux); Jeanne Oui (IFRIS - Paris-Dauphine University); Mathieu Quet (IRD)*

HG-02A37: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Toward data cartels? Circulation and accumulation of intangible assets in maritime logistics

Tom Chabosseau (École des Hautes Études en Sciences Sociales (EHESS)); Alexander Dobeson (Copenhagen Business School)

Digitizing the «golden stream». French wheat logistics, digital platforms, and power relations

Jeanne Oui (IFRIS - Paris-Dauphine University)

Turning flows into fuel: political ecology of a lithium battery

Martin Tremcinsky (Institute of Sociology of the Czech Academy of Sciences); Karolína Žižková (Masaryk University and Institute of Sociology of the Czech Academy of Sciences)

P070 Queering STS: transforming theories, methods, and practices

Traditional Open Panel

Convenors: *Chase Ledin (The University of Edinburgh); Simon Lock (UCL); Ben Weil (The Love TankPrEPster)*

Chairs: *Chase Ledin (The University of Edinburgh); Simon Lock (UCL)*

HG-11A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Unsettling facts: sexual gatekeeping in HIV science

Kane Race (University of Sydney)

Microbial sense-ability: olfaction, metabolism and queer microperformativity

Tarsh Bates (Umeå University)

Bodies at the borders: reading 20th century Lebanese medical case studies of 'disorders of sex development' against histories of socio-political violence

Hannah Cowdell (University of Exeter)

System Error: Carceral Technologies and 'Capturing' the Trans Body

Kylo Thomas (UCL)

P075 Transformations in human-robot interaction: the contribution of STS to empirical research ‘in the field’ of social robotics

Traditional Open Panel

Convenors: *Stevienna de Saille (University of Sheffield); Arne Maibaum*
NU-4A06: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Communicating Through a Language of Lines: How People and Tiny Quadcopter Drones Learn to Move Together

Mina Henein; Pallavi Laxmikanth (Australian National University); Alex Zafiroglu (Australian National University); Xuanying Zhu

Transforming practices of consumption. Understanding the interplay of images, skills and materials in grocery shopping to inform more sustainable AI and Robotics

Antonia Krummheuer (Aalborg University)

Challenging interactions with a "champagne expert": accounting for users’ work, ambient "digital-related labor" and our standpoint on human-robot encounters

Martin Chevallier (École des hautes études en sciences sociales (EHESS))

On the use of videography in HRI - a contribution of STS methodology to empirical research of social robots

Philipp Graf (Hochschule München); Arne Maibaum; Rene Tuma (TU Berlin)

P084 Machine listening: dissonance and transformation

Traditional Open Panel

Convenors: *Juana Catalina Becerra Sandoval (IBM Research); Edward B. Kang (New York University)*
NU-5A47: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Queering the ‘autistic voice.’ A proposal for unsettling the biologization of identity in vocal biomarkers research

Chiara Carboni (TU Dresden)

Speculative Voicing: the fallacy of machine’s listening to voice

Amina Abbas-Nazari (Royal College of Art)

Examining the origins of bias in speech recognition technology

Johann Diedrick (NYU)

P086 Navigating paradigms: between evidence-based and data-driven medicine

Combined Format Open Panel

Convenors: *Alina Geampana (Durham University); Lea Loesch (VU Amsterdam); Tiago Moreira (Durham University); Teun Zuiderent-Jerak (VU Amsterdam)*

HG-11A24: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Dying of COVID-19, waiting for randomized (evidence-based) studies: the neglect of early (practice-based) therapies

Enrico Campo; Giampietro Gobo (University of Milan); Barbara Sena (University of Bergamo)

Between evidence-based and data-driven health care: shifting standards, markets and participation practices

Alina Geampana (Durham University); Tiago Moreira (Durham University)

Tracing real-world data: evidence and knowledge-making in data-driven healthcare

Clemence Pinel (Ben-Gurion University of the Negev)

P087 Critical and/or creative approaches to bodily data and the management of health risks

Combined Format Open Panel

Convenors: *Myriam Durocher (University of Amsterdam); Samuel Thulin (Concordia University)*

HG-05A16: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Food, bodies & health risks: a feminist approach to data in the context of diet-associated risk management testing practices

Myriam Durocher (University of Amsterdam)

Bodily data: Defining “anemia” as a public health risk in Southern Peru

Fabiana Li (University of Manitoba); Rossio Motta-Ochoa (Université de Montréal)

Signal quality: racial bias in pulse oximetry

Rachel Washburn (Loyola Marymount University)

P093 (Re)Making AI through STS

Traditional Open Panel

Convenors: *Simone Arnaldi (University of Trieste); Francesco Miele (University of Trieste); Stefania Milan (University of Amsterdam)*

HG-05A00: **Wed 17 Jul 08:30-10:00, 15:30-17:00, Thu 18 Jul 08:30-10:00, 10:30-12:00**

Rethinking appropriation in generative AI (GenAI) worlds

Christopher Csikszentmihalyi (Cornell University); Daniel Mwesigwa (Cornell University)

What constitutes ‘good’ interaction with voice assistants? How (non-)users justify appropriate interaction with a digital technology by drawing on registers of value

Bettina Pospisil (University of Continuing Education Krems)

The (im)possible bodies of data. Fictioning generative embodiment in large language models

Selena Savic (University of Amsterdam)

Participatory prompting: a design justice-inspired approach to prompt engineering

Lara Dal Molin (The University of Edinburgh)

P126 (Un)making biodiversity in agricultural infrastructures

Traditional Open Panel

Convenors: Jenke Bal (Liege University); Pieter Lagerwaard (University of Amsterdam)

Chairs: Jenke Bal (Liege University); Pieter Lagerwaard (University of Amsterdam)

Discussants: Pieter Lagerwaard (University of Amsterdam); Adam Searle (University of Nottingham)

Agora 3, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

European regulation facing the complexity of agricultural infrastructures and biodiversity

Eleonora Dallagiaco (Università Cattolica del Sacro Cuore)

Encountering the agricultural paradox in a biodiversity knowledge infrastructure: monitoring in Neusiedler See-Seewinkel National Park, Austria

Erik Aarden (Alpen-Adria University Klagenfurt); Judith Scherzer (Alpen Adria Universität)

(Re)making biodiversity: infrastructures of agroecological cattle farming in the Netherlands

Jenske Bal (Liege University)

P138 Re:organizing science in society. Organizations as sites and agencies of social transformation

Traditional Open Panel

Convenors: Claudia Göbel (Johannes Gutenberg University Mainz); Marc Mölders (Johannes Gutenberg-University Mainz)

HG-11A22: **Tue 16 Jul 15:30-17:00, Wed 17 Jul 08:30-10:00**

How transformative can a German research organisation be? Lessons learned from the Karlsruhe institute of technology (KIT) - the research university in the Helmholtz association

Michael Decker (KIT - Karlsruhe Institute of Technology)

Organizations of patriotic science: the structural form of the national university and the production of activist-scientists in the Philippines

Nex Bengson (Leibniz Center for Science and Society)

Scientific third sector organizations: essential and for a long time invisible allies of science?

Allison Loconto (INRAE, Gustave Eiffel University); Lucile Ottolini

The role of organizations in COVID-19 science communication

Anna-Lena Oltersdorf (Universität Hamburg); Simone Rödder (Universität Hamburg)

Crops in-the-making: insights from the inside of a potato breeding program

Conny Almekinders (Wageningen University Research); Jonathan Arentoft (Utrecht University); Koen Beumer

P147 Practices and discourses of non-reproduction: exploring infrastructures of population control from non-procreationist perspectives

Traditional Open Panel

Convenors: Ursula Offenberger (University of Tübingen, Germany); Almut Peukert (University of Hamburg)

Discussant: Tamara Pascale Schwertel (University clinic Koeln)

NU-2B11: **Wed 17 Jul 08:30-10:00**

Performing the demographic transition model: family planning in Taiwan and women's contraceptive trajectories (1960s-1980s)

Kuo-ing Lai (National Taiwan University, Taiwan)

Doctors' practices and discourses of suggesting non-reproduction in pro-natalist China

Ziqi Xie (Boston University)

#childfree on TikTok: a multimodal critical discourse analysis interrogating strategies of resistance to natalist ideologies

Molly Frizzell (University of Southern California)

Negotiating non-reproduction: differentiation practices, materialities, and power dynamics in abortion experiences in Germany

Frederika Schulte (University of Tuebingen)

Responsible ejaculations: thermal contraception for people producing sperm

Elif Gül (University of Vienna)

P149 Autocensura in Academia and STS — transformations, negotiations and practices of knowledge production.

Methods, paradigms and theoretical challenges

Traditional Open Panel

Convenors: Helena Pettersson (Umeå University); Izabela Wagner (Université Paris-Cité URMIS)

Chair: Sharon Traweek (University of California, Los Angeles UCLA)

Discussant: Sharon Traweek (University of California, Los Angeles UCLA)

NU-6A52: **Wed 17 Jul 08:30-10:00**

Two elephants in the researcher's laboratory/office: autocensura - basic questions and some preliminary categorisations

Izabela Wagner (Université Paris-Cité URMIS)

Transnational pillage: the intersection of academic mobbing, bullying mentors, and citational mischief (ABCs) and the paradox of autocensura to avoid self-erasure

David Kyle (University of California, Davis)

Ethics and political economies of ethnographical knowledge. From ethics of care to autocensura in qualitative digital STS

Marcin Zarod (SWPS University Warsaw)

Balancing between auto-censorship and curiosity in academic environments: a cultural analysis

Helena Pettersson (Umeå University)

P175 Towards mapping and defining critical hype studies

Traditional Open Panel

Convenors: Andreu Belsunces (Universitat Oberta de Catalunya); VASILEIOS GALANOS (University of Edinburgh)

NU-4B43: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Understanding technology hype through socio-technical fictions

Andreu Belsunces (Universitat Oberta de Catalunya)

Ambiguating visions, breakthroughs, and setbacks

Michelle Charette (York University)

Scientist views on Science Communication hype

Maria T. Soto-Sanfiel (National University of Singapore)

P179 Expert knowledge in times of transformation

Traditional Open Panel

Convenors: Silke Beck (TUM); David Demortain (LISIS - Laboratoire Interdisciplinaire Sciences Innovations Sociétés, France); Fiona Kinniburgh (Technical University of Munich)

Chair: Bastien Soutjis (Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS))

HG-13A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

The political shaping of scientific fields in Argentina's pesticide conflict: evidence from domain-topic model analysis

Florencia Arancibia (UNSAM); Scott Frickel (Brown University); Alexandre Hannud Abdo (Université Gustave Eiffel, UMR-LISIS, CNRS)

Contesting regulatory science from below: new ways of making air expertise in global south

Jessica Pourraz (Sciences Po Bordeaux)

Mobilizing concern and inducing apathy: competing expert knowledges on environmental contamination in Alberta, Canada

Sarah Blacker (York University)

Mountain multiple: snow scientists, mountain guides, and state institutions in Swiss avalanche control, 1960-1999

Lucas Mueller (University of Geneva)

On the incommensurability of nuclear knowledges. Expert knowledge production on large-scale nuclear accidents in France

Arnhold Valerie

P198 The banality of failure: disturbances, fragilities and resilience of digital infrastructures, media and technologies

Traditional Open Panel

Convenors: Sigrid Kannengießer; Erik Koenen; Christian Schwarzenegger (University of Bremen); Irina Zakharova (Leibniz University Hannover)

Chair: Irina Zakharova (Leibniz University Hannover)

Agora 4, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

The mundane challenges of making remote monitoring for dementia care work

Christine Hine (University of Surrey)

Bridging everyday domestic life and machine learning through designerly baseline modeling

Emilia Viaene (Eindhoven University of Technology)

Banalities at large: focusing tech-failure in remembering the evil. Failure-forgetfulness in the field of digital Holocaust commemoration

Helen Franziska Veit (University of Tuebingen)

Dismantling the failures and ironies of reading: delving into sociotechnical imaginaries and educational concerns surrounding a library robot

Lina Rahm (KTH Royal Institute of Technology); Elin Sundström Sjödin (Mälardalen University)

P202 Towards the 'digital good'?

Traditional Open Panel

Convenors: Helen Kennedy (University of Sheffield); Gina Neff (University of Cambridge); Ros Williams (University of Sheffield)

HG-05A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Imagining and crafting worlds we cannot live without: towards a good digital society?

Rhianne Jones (BBC); Helen Kennedy (University of Sheffield); Gina Neff (University of Cambridge); Arathy Sb (University of Sheffield); Ros Williams (University of Sheffield); Shaoying Zhang (University of Sheffield)

The limits of benevolence: moving toward co-liberation

Lucy Pei (University of California, Irvine)

Beyond privacy: is a new concept needed in a surveillance capitalism context?

Andrea Ford (University of Edinburgh)

The good bits: moving towards a positive internet with speculative fiction

Aleesha Rodriguez (Australian Research Council Centre of Excellence for the Digital Child, QUT); Naomi Smith (University of the Sunshine Coast); Clare Southerton (La Trobe University)

P215 Frame analysis in science studies

Traditional Open Panel

Convenors: Jochen Gläser (TU Berlin); Grit Laudel (Technical University Berlin); Nathalie Schwichtenberg (German Center of Higher Education and Science Studies); Susanne Wollin-Giering (TU Berlin)

NU-6A25: Wed 17 Jul 08:30-10:00, 10:30-12:00

'Research quality' as a collective frame of a scientific community

Jochen Gläser (TU Berlin)

I know it when I see it? Identifying notions of research quality in three research fields

Grit Laudel (Technical University Berlin)

Once a researcher, always a researcher - a collective frame legitimising research activities during periods of unemployment

Susanne Wollin-Giering (TU Berlin)

P268 Creative partners? Repositioning the arts in transdisciplinary collaborations

Combined Format Open Panel

Convenors: Peter Peters (Maastricht University); Denise Petzold (Maastricht University); Veerle Spronck (HKU University of the Arts Utrecht)

NU-3B05: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

Instrumentalise me! - A logocrashing pop hit

Clemens Driessen (Wageningen University); Sophia Efstathiou (Norwegian Uni. of Science and Technology); Alexandra Murray-Leslie (NTNU Norwegian University of Science and Technology)

Designing with uncertainty: co-creative event

Simona Kicurovska (HKU University of the Arts, University of Humanistic Studies)

P300 Infrastructures, crisis and transformation

Traditional Open Panel

Convenors: Nina Amelung (Universidade de Lisboa); Huub Dijstelbloem (University of Amsterdam); Jan-Hendrik Passoth (European University Viadrina)

HG-09A24: Wed 17 Jul 08:30-10:00, 10:30-12:00

Divisive infrastructure: seawalls, tsunamis, and compound crises in late-modern Japan

Andrew Littlejohn (Leiden University)

Energy for security, peace or war? Reflexive public reason applied to the Israeli and Polish energy transition

József Kádár (University of Haifa); Katarzyna Rabiej-Sienicka (University of Warsaw); Tadeusz Józef Rudek (Jagiellonian University)

Strength in numbers? Investigating "economic nexus" tax laws as institutional response to the challenge of big tech to state power

Keith Guzik (University of Colorado Denver)

Preparing for the previous pandemic: resilience and risk translation in governing healthcare during the Covid-19 pandemic in the Netherlands

Roland Bal (Erasmus University Rotterdam); Bert de Graaff (Erasmus University Rotterdam); Sabrina Rahmawan-Huizenga (Faculty of Social Sciences)

Data trials. Data care and infrastructural upheavals behind the scenes of a data-driven pandemic

Marine Boisson (SciencesPo Paris); Jerome Denis (Center for the sociology of innovation - Mines Paris - PSL)

P304 Theorizing through the mundane: storytelling transformations in healthcare

Combined Format Open Panel

Convenors: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

Chairs: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

HG-08A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00

The Human-Pamphlet: how pro-life texts acquire agency distinct from their fabrication

Letitia Meadows (University of Canterbury)

Staying true to the here-and-now of research practices: An inquiry into living methods

Sonja Jerak-Zuiderent (Amsterdam University Medical Centres)

Mundane stories of ‘health inequalities’: a view from research on public health in Switzerland

Nolwenn Bühler (Unisanté, Institut Universitaire de Médecine Générale et Santé Publique)

Transitions to paediatric palliative care in mundane goings-on. Storying ‘becoming weak’

Anna Mann (University of Zurich); Jessica Mesman (Maastricht University)

P308 Remaking participation and democracy

Combined Format Open Panel

Convenors: Jason Chilvers (University of East Anglia); Elliot Honeybun-Arnolda (University of East Anglia); Matthew Kearnes (University of New South Wales); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia); Jan-Peter Voß (RWTH Aachen University)

HG-12A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

A fourth wave of sts? From representation to performativity in matters of democracy

Jan-Peter Voß (RWTH Aachen University)

Observatories for remaking participation and democracy

Jason Chilvers (University of East Anglia); Tom Hargreaves; Elliot Honeybun-Arnolda (University of East Anglia); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia)

How to engage with invisible left-behinds of innovations?

Ulrike Felt (University of Vienna); Sara Ortega (University of Vienna); Livia Regen (University of Vienna)

Making sense in common: knowledge and experience in a legislative process

Lotta Hautamäki (University of Helsinki)

P336 Valuing nature, valuing science: shifting ‘appreciations’ of colonial matter

Traditional Open Panel

Convenors: Laurens de Rooy (Amsterdam University Medical Centre); Lisette Jong (University of Amsterdam); Amade Aouatef M'charek (University of Amsterdam); Paul Wolff Mitchell (University of Amsterdam)

HG-09A16: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

The politics of disarticulation: on making bodies without history in historical anatomical collections

Paul Wolff Mitchell (University of Amsterdam)

From "Human" to "Ancestral": Post_colonial hauntings and changing ethics in the valuation of bodily remains

Thiago Pinto Barbosa (Leipzig University)

Activist Engagements with Colonial Matter: The Ambiguity of Institutional Openings in the Context of Transnational Power Relations

Hansjörg Dilger (Freie Universität Berlin)

P358 The implications of institutional breakdown for science and technology

Traditional Open Panel

Convenors: Danah Boyd (Microsoft Research); Janet Vertesi (Princeton University)
Discussant: MC Forelle (University of Virginia, School of Engineering)

HG-08A20: **Wed 17 Jul 08:30-10:00**

Fusing or Fragmenting: Breaking Institutional Bonds in the Nuclear Fusion Community After Russia’s Invasion of Ukraine

Richelle Boone (Leiden University); Dominika Czerniawska (Leiden University); Simcha Jong

The Role of Living Labs in reconfiguring Health institutions

Oriol Barat Auleda (Universitat Autònoma de Barcelona); Joan Moyà-Köhler (Universitat Autònoma de Barcelona)

What Makes Data Work, Work? Exploring the Complexities of U.S. Public-Sector Data Access via Federal Statistical Research Data Centers

Danah Boyd (Microsoft Research); Jayshree Sarathy (Columbia University)

Difficult Conversations: How the "Unspeakable" Provides Leverage for Systemic Change in Computer Engineering and the Possibility of Retrenching its Gendering

Gabriel Medina-Kim (Rensselaer Polytechnic Institute)

Individual perception of bias in grant peer review strongly associated with openness towards the introduction of lotteries.

Christophe Heger (DZHW - Deutsches Zentrum für Hochschul- und Wissenschaftsforschung)

09:00-10:30

Session 4b

CP461 Affective Accounts of Scientific Rationality

Closed Panel

Convenor: Prerna Srigrayan (University of California, Irvine)

NU-4A67: **Wed 17 Jul 09:00-10:30**

Coming to age as a feminist scientist: delayed returns and reconstructed responsibility in life history writing

Prerna Srigrayan (University of California, Irvine)

Careful engagement: attending to disconcertment and ambivalence in collaborative STS research

Jessica Mesman (Maastricht University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Science as care: ontological rebellion of the gene

Esha Shah (Wageningen University and Research)

The re-disenchantment of the world: Weber's "science as a vocation" and the affects of Wissenschaft

Donovan Schaefer (University of Pennsylvania)

CP472 Spaces, species and serendipity, or, keeping responsible research and innovation weird

Closed Panel

Convenors: Jane Calvert (University of Edinburgh); Cookie Egret (Colorado State University); Koichi Mikami (Keio University); Sophie Stone (The University of Edinburgh)

HG-10A20: **Wed 17 Jul 09:00-10:30**

Controlled flailing; reducing harm in STS methods

Cookie Egret (Colorado State University)

Haunted by dreams of a Tuscan castle: conferences as sites of governance

Jane Calvert (University of Edinburgh); Robert Smith (The University of Edinburgh)

Multispecies approaches to keeping RRI weird

Erika Szymanski (Colorado State University)

Some elements of a biology of translation: utilization of the microbe and the knowledge of its PET-degrading enzymes

Koichi Mikami (Keio University)

Contaminating conferences: creating spaces for responsible research and innovation through collaborative ethnography

Robert Smith (The University of Edinburgh); Sophie Stone (The University of Edinburgh)

P005 Normative uncertainties in the energy transition: energy justice, pluralism and beyond

Traditional Open Panel

Convenors: Udo Pesch (Delft University of Technology); Eugen Popa (TU Delft); Behnam Taebi

HG-07A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

The utopian search for energy (in)justice and the need for moral pluralism

Anna Melnyk (TU Delft); Eugen Popa (TU Delft)

Centering indigenous knowledge and values in the development of integrated agroecological renewable energy systems through convergent research

Diana Denham (University of Oklahoma)

The dangers of recognition for energy justice

Nynke van Uffelen (Delft University of Technology)

How to imagine a just transition? Structuring normative diversity in participatory decision-making processes in the Dutch energy transition

Sander ten Caat (Leiden University)

Socio-material engagement with battery storage - the visible/invisible role of the artefact

Laura Moldovan (University of Strathclyde); Sonja Oliveira; Ombretta Romice (University of Strathclyde)

P019 Playing with AI: Creative Approaches to Engage the Public into Responsible AI Innovation

Combined Format Open Panel

Convenors: Giulia De Togni (The University of Edinburgh); Agnessa Spanellis (The University of Edinburgh)

Chairs: Giulia De Togni (The University of Edinburgh); Agnessa Spanellis (The University of Edinburgh)

Discussant: Roger Andre Søråa (NTNU)

NU-5A57: **Wed 17 Jul 09:00-10:30, 10:30-12:00**

Responsible AI in public education: assessing stakeholder participation and cooperative responsibility through a socio-technological ethical approach

Rob Heyman (Vrije Universiteit Brussel); Marco Houben (Hasselt University); Jo Pierson (Hasselt University and VUB)

Shape-shifting controversies: engaging communities in responsible AI

Beatrice Gobbo (Politecnico di Milano); Chiara Poletti (University of Swansea); Ginevra Terenghi (Brunel University London - University of Applied Sciences and Arts of Southern Switzerland)

User engagement with evolving technologies: case-based learning for ethics and governance of healthcare artificial intelligence

Barbara Barry (Mayo Clinic); Michelle McGowan (Mayo Clinic)

To test or not to test in public? Overcoming the limits of imagination in robotics development

Lora Koycheva

Creative fiction as AI technology assessment

Brandiff Caron (Cal Poly)

P028 Rethinking and reshaping digital work(places) with practice theories

Traditional Open Panel

Convenors: Stefan Laube (Johannes Kepler University Linz); Katja Schönian (Friedrich-Alexander University Erlangen-Nuremberg)
Chairs: Stefan Laube (Johannes Kepler University Linz); Katja Schönian (Friedrich-Alexander University Erlangen-Nuremberg)
HG-09A29: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Managing precarious digital situations: cybersecurity in practice (theory)

Basil Wiese (KU Eichstätt-Ingolstadt)

Digital(ized) work(places) as spatially distributed practices in the making - dissolution of boundaries and acts of framing as necessity and opportunity for transformation

Carolin Holzkamp (Carl von Ossietzky University Oldenburg)

Does the camera show what happened? - aligning policing and technology

Mike Rowe (University of Liverpool)

Sociomaterial entanglements in everyday waste work

Diana Ayeh (Helmholtz Centre for Environmental Research and Harz University of Applied Sciences); Alena Bleicher (Harz University of Applied Science); Lina Sofie Schöne (Hochschule Harz)

P029 Transforming vaccinology

Traditional Open Panel

Convenors: Stuart Blume (University of Amsterdam); Vesna Trifunovic (The Institute of Ethnography, Serbian Academy of Sciences and Arts)

Chairs: Stuart Blume (University of Amsterdam); Vesna Trifunovic (The Institute of Ethnography, Serbian Academy of Sciences and Arts)

Aurora, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Examining the role of community leaders as vaccine champions

Kate Joynes-Burgess (University of Oxford); Samantha Vanderslott (University of Oxford)

Sidetracking vaccine hesitancy. How doubts and questions about vaccination are eradicated from doing and talking about immunization

Paulina Polak (Jagiellonian University in Krakow); Tadeusz Józef Rudek (Jagiellonian University); Maria Świątkiewicz-Mośny; Aleksandra Wagner (Jagiellonian University)

Shaping the evidence: “power geometries” in pharmacovigilance

Maurizia Mezza (University of Amsterdam)

Global governance and state failure in assessing and controlling post-vaccination complications in Romania

Valentin-Veron Toma (Institute of Anthropology Francisc I. Rainer); Simona - Nicoleta Vulpe (University of Bucharest)

P041 Chemical affects: engaging substances in life-death worlds

Traditional Open Panel

Convenors: Giorgio Brocco (University of Vienna); Marcos Freire de Andrade Neves (Freie Universität Berlin); Max Schnepf (Freie Universität Berlin)

HG-01A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Your body is your house, you must choose the right building materials: chemical-architectural transformations in the gyms of Medellín, Colombia

David Edgar

The city as chemical affair: pharmaceutical HIV prevention in Berlin

Max Schnepf (Freie Universität Berlin)

Poison and remedy: the care turn of pharmacy and the ambiguity of chemicals

Cintia Engel (The University of Texas Medical Branch (UTMB))

On “non”-effects: engaging with antibiotics and benzodiazepines through everyday (de)prescription and (non)use in Austria

Janina Kehr (University of Vienna); Lisa Lehner (University of Vienna)

P043 Witnessing disasters, crises and wars in the age of datafication

Traditional Open Panel

Convenors: Migle Bareikyte (European University Viadrina Frankfurt (Oder)); Mykola Makhortykh

NU-5A27: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

From digital witnessing to resilience: exploring civic agency and situated data practices in shaping unity or adversity

Johanna Hiebl (European University Viadrina, Frankfurt (Oder))

Inconspicuous digital witnessing during Russia's war against Ukraine

Migle Bareikyte (European University Viadrina Frankfurt (Oder)); Mykola Makhortykh

Holocaust on Twitter: describing common history across cultures

Vihang Jumle (Institute of Communication and Media Studies); Mykola Makhortykh

P054 Veterinary worlds & the challenges of multispecies coexistence

Traditional Open Panel

Convenors: *Amy Clare (Technical University of Munich); Else Vogel (University of Amsterdam)*

HG-07A16: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Value-scapes of death: veterinarians and farm animal life and death

Else Vogel (University of Amsterdam)

Curing, caring, killing: exploring the relationships and boundaries of death work in veterinary medicine

Marc Bubeck (University of Potsdam)

Who is the patient and where is the disease? Veterinary diagnostic practice and antimicrobial prescription for poultry and cattle

Hedvig Gröndal (Department of Animal Biosciences)

The economic infrastructures of professional expertise: how the transformations of the veterinary drug market fostered the development of preventive veterinary medicine?

Nicolas Fortané (INRAE)

P056 Futures work

Traditional Open Panel

Convenors: *Rebecca Coleman (University of Bristol, UK); Sanja Milivojevic (University of Bristol); Daniel Neyland (Bristol Digital Futures Institute); Jessica Ogden (University of Bristol)*

Agora 1, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Affective dystopias: unsettling futurity through speculative fictions with youth

Sarah E. Truman (University of Melbourne)

Writing predictions to perform different futures: reflections from a book collective

Stefan Laser (Ruhr-University Bochum)

Fostering futures literacies: insights from Futurium's approach

Stefanie Holzheu (Futurium gGmbH)

AI, risk and markets: economic imperatives and the future of frontier AI development

John Downer (University of Bristol); Sveta Milyaeva

Through a portal lightly: experiments in utopian futuring for dystopian times

Vivienne Kuh (University of Bristol)

P060 Everyday doing and identity making: how do digital platforms co-configure identity(s)?

Traditional Open Panel

Convenor: *Yuhan Wang (University of Bristol)*

Chair: *Yuhan Wang (University of Bristol)*

HG-02A00: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Playlist, affect and identity in music streaming platforms

Victor Ávila Torres (University of Lincoln)

On the Internet, nobody knows you're a dog: the construction of the identity behind the screen

Gabriella D'Ambrosio (Sapienza University of Rome); Barbara Sonzogni (Sapienza University of Rome)

Identity fusion in pseudonymous crypto spaces

Annika Aebli (University of Lausanne); Joshua S. Bamford (University of Jyväskylä); Fabienne Silberstein-Bamford (University of Zurich)

The porous boundaries of public and private messages: solidarity networks of Latin American food delivery workers in NYC

Ambar Reyes (MIT)

Settling into the home: user's negotiations of voice assistants as everyday infrastructures

Tim Hector (University of Siegen); Niklas Strüver (University Siegen)

P062 Opening science: transformations of academic knowledge production and dissemination

Traditional Open Panel

Convenors: *Quentin Dufour (ENS-EHESS); Didier Torny (CNRS)*

NU-3B19: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

As open as possible, as closed as necessary: interrogating policies and practices in public-private research partnerships and digital health research and innovation in the Irish research ecosystem

Kalpna Shankar (University College Dublin); Gail Sheppard (Maynooth University)

How openness travels

Niels Taubert (Bielefeld University)

Towards a new ethos of science or a reform of the institution of science? Merton revisited and the prospects of institutionalizing the research values of openness and mutual responsiveness

Rene Von Schomberg (RWTH Aachen University)

Preserving open peer review for books: a study of Lithuanian persistence

Eleonora Dagiene (Leiden University, Mykolas Romeris University)

P105 Waves: environment, excess, transformation

Traditional Open Panel

Convenors: Ignacio Farias (Humboldt University of Berlin); Stefan Helmreich (Massachusetts Institute of Technology)

HG-06A00: Wed 17 Jul 09:00-10:30, 11:00-12:30

Frequency - drawing things together

Marina Peterson (University of Texas at Austin)

Possible connections and beings of frequency: detecting electromagnetic waves in UK cities

Brett Mommersteeg (Humboldt-Universität zu Berlin)

The particle/wave pollution problem

Ignacio Farias (Humboldt University of Berlin)

From electromagnetic waves to pixels: tracing the material-semiotic trajectory of forest data

Erik Ljungberg (KTH Royal Institute of Technology)

P120 The city as controlled environment - bringing together STS perspectives on urban transformations

Traditional Open Panel

Convenors: Sophia Knopf (School of Social Sciences and Technology, TU Munich); Devika Prakash (KTH Royal Institute of Technology, Stockholm)

Chair: Manuel Jung (Technical University of Munich)

HG-15A16: Wed 17 Jul 09:00-10:30, 11:00-12:30

Unpacking the making of digital twins in Hamburg - who governs the digital city?

Michelle Renz (HafenCity University Hamburg)

Negotiating openness and control in the development of an Urban Digital Twin

Edoardo Colombani (Alma Mater Studiorum - University of Bologna)

Governing (through) digital urban twins: seizing the situated entanglements between twinning and governing a city

Sophia Knopf (School of Social Sciences and Technology, TU Munich); Hadrien Macq (University of Liège); Alexander Wentland (Technical University of Munich)

Wiring roads, steering drivers? Namur's intelligent transport system and the regulation of urban mobilities

Nathan Flore (university of Liège - Spiral)

P129 Transforming pharmaceutical innovation

Traditional Open Panel

Convenors: Wouter Boon (Utrecht University); Rob Hagendijk (Universiteit van Amsterdam); Eva Hilberg (University of Sheffield); Hadewych Honné (University of Edinburgh - KU Leuven); Tineke Kleinhout-Vliek (University College Dublin); Paul Martin (University of Sheffield); Sarah Wadmann (The Danish Center for Social Science Research)

HG-06A33: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Academic drug discovery units: pharmaceutical innovation in the public sector?

Michael Hopkins (University of Sussex)

Biopharmaceutical transformations: new moral dilemmas around advanced therapy medicinal products

Isabel Briz Hernandez (The Chinese University of Hong Kong)

The feasibility and desirability of compounding as an alternative medicine-to-patient pathway for complex personalized medicines in the Netherlands

Marie L De Bruin; Joyce Hoek (Utrecht University); Christine Leopold (Utrecht University); Olivia Lewis (Utrecht University)

Understanding the transformative nature of initiatives challenging the traditional pharmaceutical model in the gene and cell therapy field

Jarno Hoekman (Utrecht University); Ellen Moors (Copernicus Institute of Sustainable Development); Thomas van de Voort (Copernicus Institute of Sustainable Development)

P186 Exploring challenges and pathways in city-region food system transformation: action research, researcher reflexivity and experiential case studies

Combined Format Open Panel

Convenors: Einar Braathen (OsloMet - Oslo Metropolitan University); Baha Kuban (Demir Enerji); Jonathan Luger (Athena Institute); Lara Mauch (VU Amsterdam); Ana Ramirez Santos (Leitat Technological Center); Marjoleine van der Meij; David Wilde (Leitat Technological Center); Cristina Yacoub López (Leitat)

HG-10A00: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30

Defining needs and gaps through food living labs to develop urban food policies that foster sustainable urban food systems transition

Gonca Akgul Mahrebel; Beril Alpagut (Demir Enerji); Baha Kuban (Demir Enerji); Oya Tabanoglu (Demir Enerji)

Evaluating advocacy work in urban food system transformation

Laura Fernandez Casal (Fundación CARTIF); Julia Pinedo Gil (CARTIF)

Towards a polycentric food policy: action-research performing the city region food system in Turin metropolitan area

Riccardo Giovanni Bruno (Politecnico di Torino); Egidio Dansero (University of Turin)

Food and the city – case insights from planning for sustainable food systems thinking in the cities of Kolding and Copenhagen

Subash Rana (University of Copenhagen)

P217 Soil transformations: Theories and practices of soils in the Anthropocene

Traditional Open Panel

Convenors: Germain Meulemans (Centre Alexandre Koyré); Ursula Münster (University of Oslo)

HG-12A33: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Interrogating the resource-being of soils through the history of the soil sciences

Maarten Meijer (University of Groningen)

Climate politics through the soil: peatlands, carbon and climate calculators

Charlotte Ulvang Larsen (University of Oslo)

Soil valuation in urban projects: how are urban developers being increasingly bound to soils?

Daniel Florentin (Mines Paris PSL)

Embracing degradation: the craft of measuring permafrost's thermal state(s)

Anastasiya Halauniova (Sciences Po)

P264 Alt: STS - engineering and design classrooms and collaborations as STS territories

Traditional Open Panel

Convenors: Rebekah Cupitt (Birkbeck, University of London); Elizabeth Reddy (Colorado School of Mines); Elizabeth Rodwell (University of Houston)

NU-2B05: Wed 17 Jul 09:00-10:30

Tools in classrooms: taking instrumentality seriously for critical participation in engineering education

Elizabeth Reddy (Colorado School of Mines)

Building an STS textbook

Marisa Brandt; Shannon Conley; Megan K. Halpern (Michigan State University); Marie Stettler Kleine (Colorado School of Mines); Nicole Mogul (University of Maryland College Park); Elizabeth Reddy (Colorado School of Mines); David Tomblin (University of Maryland College Park); Emily York (James Madison University)

Chasing the dream: becoming 'designer' and the persistence of technological utopias

Rebekah Cupitt (Birkbeck, University of London)

Augmented/virtual reality, user experience, and the museum: case study of an interdisciplinary project

Elizabeth Rodwell (University of Houston)

Presentation of "Biblio+" Augmented Reality project: interactive and digital paths for the Central Library of Science and Technology University of Parma.

Susanna Del Carlo (University Parma)

P273 "More than genetics": doing resemblance, social connection, intimacy, and kinship

Traditional Open Panel

Convenors: Roos Metselaar (University of Amsterdam); Tessa Moll (University of the Witwatersrand); Andrea Whittaker (Monash University)

HG-05A24: Wed 17 Jul 09:00-10:30, 11:00-12:30

Oppressive kinship and gender norms in uterus transplantation (UTx)

Ji-Young Lee (University of Copenhagen)

Making the artificial placenta, making kin- enacting kinship, intimacy, and familial connection within the laboratory

Oshin Siao Bhatt (Chalmers University of Technology)

Finding the "right embryo": an ethnographic analysis of embryo donation matching in Canada

Corinna S. Guerzoni (Alma Mater Studiorum - University of Bologna)

Beyond nuclear families: mitochondrial DNA, kinship and third-party reproduction

Catherine Mills (Monash University)

P279 Making and transforming outer space with/through artistic interventions: alternative languages and narratives for (inter)planetary relations

Combined Format Open Panel

Convenors: Anne Johnson (Universidad Iberoamericana); Juan Francisco Salazar (Western Sydney University); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

Chairs: Lauren Reid (Freie Universität, Berlin); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

Discussants: Lauren Reid (Freie Universität, Berlin); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

NU-4B47: Wed 17 Jul 09:00-10:30, 11:00-12:30

Creativity in the age of newspace and new media: on the exploration and exploitation of amateur creative practices through social and technological innovations

Maxime Harvey (Université du Québec à Montréal)

Narrating space - producing values: critique, collaboration, co-optation

Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

Martian masquerade

David Jeevendrampillai; Aaron Parkhurst (University College London)

Imagining cosmic futures 'otherwise' through co-creative and montage-inspired research methods

Lauren Reid (Freie Universitaet, Berlin)

P307 Transdisciplinary sensibilities in investigating nuclear research and innovation

Combined Format Open Panel

Convenors: Robbe Geysmans (SCK CEN); Susan Molyneux-Hodgson (University of Exeter)

NU-3B07: Wed 17 Jul 09:00-10:30, 11:00-12:30

How the UN sustained the power of the nuclear haves: a transnational and transdisciplinary exercise

Aske Hennelund Nielsen (Friedrich-Alexander-Universität Erlangen-Nürnberg); Maria Rentetzi (Friedrich-Alexadner-Universität Erlangen-Nürnberg); Linda Marie Richards (Oregon State University); Véronique Stenger

Lessons learnt from EURAD interaction with civil society (ICS)

Alexis Geisler-Roblin (Ecole Normale Supérieure); Jan Haverkamp (Nuclear Transparency Watch - WISE, Greenpeace); Nadja Zeleznik (EIMV)

Integrating social considerations in advanced nuclear reactor technology? Experiences from an ongoing interdisciplinary project

Robbe Geysmans (SCK CEN); Joke Kenens (SCK•CEN Belgian Nuclear Research Centre); Catrinel Turcanu

Developing a collaborative paradigm for engagement: towards transdisciplinary and community-engaged work at the intersection of STS and nuclear engineering

brandon costelloe-kuehn (Rensselaer Polytechnic Institute); James Olson (Rensselaer Polytechnic Institute)

P333 Knowledge of HIV/AIDS in STS: archives, science, and participation

Traditional Open Panel

Convenors: Marika Cifor (University of Washington); Stephen Mouldrem (University of Texas Medical Branch); David Ribes (University of Washington); Andrew Spieldenner (California State University San Marcos)

HG-14A00: Wed 17 Jul 09:00-10:30, 11:00-12:30

Alternative Medicine and Reverse Discourses in the Time of AZT

Emily Lim Rogers (Duke University)

Constructing HIV "Treatment Kinds": Emergent HIV-Positive Subjectivities and Markets in a Time of Expanding Treatment Options

Vishnu Subrahmanyam (University of Texas Medical Branch at Galveston)

Troubling Chronicity: temporal logics and HIV/AIDS governance in Taiwan

Poyao Huang (Institute of Health Behaviors and Community Sciences, National Taiwan University)

PrEP and TasP literacy among GBMSM and trans* migrants and refugees: notes from the German and French research contexts

Rafał Majka (Andrzej Frycz Modrzewski Krakow University)

P345 Calculating migration

Traditional Open Panel

Convenors: Stoyanka Andreeva Eneva (Linköping University); Karin Krifors (REMESO Ethnic and Migration Studies); Fredy Mora Gamez (University of Vienna); Silvan Pollozek (European University Viadrina Frankfurt (Oder))

HG-02A36: Wed 17 Jul 09:00-10:30, 11:00-12:30

Body leakages: on the complexity of counting dead migrants in the Mediterranean

Bruno Magalhaes (University of Amsterdam)

Deportation, solidarity and the challenges of reintegration

Nadia Chaouch (University of Genova)

Tracing techniques of bordering: historical interventions to digital futures of border control

Philipp Seufferling (London School of Economics)

P351 Transforming methods for digital research

Combined Format Open Panel

*Convenors: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); Mélanie Millette (Université du Québec à Montréal (UQAM)); David Myles (Institut national de la recherche scientifique)
Chairs: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); David Myles (Institut national de la recherche scientifique)*

NU-3A06: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30

Digital methods in the humanities and social sciences: a proposed mapping of approaches

Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM)

Aggregation and guided autoethnography: pairing typically disparate methods for expanding the scope of pattern recognition and meaning making

Annette Markham (Utrecht University); Andrea Schaffar (PLUS Paris Lodron University Salzburg); Maria Schreiber (University of Salzburg); Katrin Tiidenberg (Tallinn University)

Revisiting photo-elicitation to study the use of learning analytics developed in technology-enhanced learning systems: a heterogeneous assemblage of stories, photos, and traces produced by learners

Jean-Luc Ciocca (University of Ottawa)

A mixed methodology for the analysis of digital practices: at the crossroads of computational harvesting and qualitative analysis

Stéphane Couture (Université de Montréal); Christopher Housseaux (Université de Montréal)

P360 Sociotechnical dimensions of explainable and transparent artificial intelligence

Traditional Open Panel

Convenors: João Fernando Ferreira Gonçalves (Erasmus University Rotterdam); Jason Pridmore (Erasmus University)

Agora 2, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

The field of explainable AI: machines to explain machines?

Mehdi Arfaoui (CNIL EHESS); Nicolas Berkouk (CNIL); Romain Pialat (CNIL)

A Critical Examination of the Interpretability Paradigm

Nima Boscarino (UC San Diego); Joseph O'Brien (University of California, San Diego)

Algorithmic encounters: an interactional approach to AI interpretability

Gian Marco Campagnolo (University of Edinburgh); Rob Procter (Warwick University Alan Turing Institute for Data Science and AI); Felix-Anselm van Lier (University of Oxford); Bernardo Villegas Moreno (University of Edinburgh)

Only practical knowledge or knowing the algorithm? Meanings and necessities of eXplainable Artificial Intelligence in care of older adults

Alexander Peine (Open University of The Netherlands); Karin van Leersum (Open Universiteit)

Opening the Black Box: Explainability and Accountability in Automated Software Systems

Zahra Abba Omar (Yale University); Alka Menon (Yale University)

P372 Buildings, time, and sociopolitical transformations

Combined Format Open Panel

Convenors: José Gómez (Universidad de Cuenca); Marco Paladines (Leuphana University)

NU-3A47: **Wed 17 Jul 09:00-10:30**

From red planet to red soil: utopian socialist infrastructure for Mars and West Africa at the turn of the century

Mehmet Şahinler (Mimar Sinan Fine Arts University); Alican Taylan (Cornell University)

Climate against decay: temporal contingencies in projects of decarbonizing housing

Kārlis Lakševics (Wageningen University)

Back to the past - architectural decay and memorized tribulation

Yuanhui Ding (International Institute for the Study of Nomadic Civilizations)

Temporal lags and loitering: built environment as media

Upasana Bhattacharjee (University of Toronto)

P384 STS sensibilities in the pedagogies for the built environment

Combined Format Open Panel

Convenors: Demetra Kourri (Manchester Metropolitan University); Fadi Shayya (University of Salford)

Chair: Demetra Kourri (Manchester Metropolitan University)

HG-02A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Following the material networks – on teaching architectural research into the making of the built environment

Sabine Hansmann (HafenCity Universität Hamburg); Alisa Uhrig (HafenCity University Hamburg)

The making of an architectural student: physical models and the question of scale in the digital condition

Davide Landi (Bristol School of Architecture and Environment - UWE-Bristol, Department of Architecture, Iowa State University)

P394 Biometrics and their calculative logics

Traditional Open Panel

Convenors: Ranjit Singh (Data Society Research Institute); Michelle Spector (MIT College of Computing)

NU-4A25: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

A Single Source of Truth: The “backend,” bureaucratic entanglements, and biometric identification systems in Kenya

Keren Weitzberg (Queen Mary University of London)

Identifying limits: biometric kinship in Pakistan’s identity database

Zehra Hashmi (University of Pennsylvania)

The birth of code/body: an autoethnography of the body at EU borders

Azadeh Akbari (University of Twente)

From the Oslo accords to ongoing occupation: biometric surveillance in the occupied Palestinian territories, 1999-present
Michelle Spektor (MIT College of Computing)

Measuring the foreign body: the co-production of technological innovation and governance in migration biometrics
Torsten Voigt (RWTH Aachen University)

P395 Digital statecraft

Traditional Open Panel

Convenor: Julia Valeska Schröder (Humboldt University Berlin)

NU-3A57: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Algorithmic capitalism, technobiopower and the State: the digitalization of public services in the global south

Carolina Israel (Federal University of Paraná)

Good tech and bad tech from a state's point of view: how German politicians perceive impacts of emergent digital technologies on state sovereignty

Sebastian Wucherer (HafenCity Universität Hamburg)

R442 Global Epistemologies and Ontologies

Roundtable

Convenor: David Ludwig

Chair: Adriana Ressio (Wageningen University Research)

Discussants: Charbel El-Hani (Federal University of Bahia); Abigail Nieves Delgado (Utrecht University); Luana Poliseli (Wageningen University Research); Francisco Vergara-Silva (Universidad Nacional Autónoma de México)

HG-10A33: **Wed 17 Jul 09:00-10:30**

10:00-11:00

Coffee/tea break

10:30-12:00

Author-meets-critics session for 4S Carson award

HG-KC07

Chair: Marko Monteiro (University of Campinas)

Author: Helena Hansen (UCLA)

Critics: Melissa Creary (University of Michigan), Kari Lancaster (Goldsmiths University of London), Anne Pollock (King's College London)

Carson Prize: Helena Hansen (UCLA), Jules Netherland (Drug Policy Alliance), and David Herzberg (State University of New York at Buffalo), *Whiteout: How Racial Capitalism Changed the Color of Opioids in America*

10:30-12:00

Session 5a

P001 Innovation discontinuities

Traditional Open Panel

Convenor: Cornelius Schubert (TU Dortmund)

HG-08A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Territorial operationalization of responsibility and its discontents

Mika Nieminen (VTT Technical Research Centre of Finland Ltd); Raúl Tabarés (Tecnalia)

Compliance and contingency in humanizing responsible innovation: the agency of HSE management in the Hong Kong-Zhuhai-Macao bridge project

Ping Li (Tsinghua University SIGS); Ziqiang ZHAO (Tsinghua University)

Challenging innovation narratives through practice approaches: A case study of the EU Settlement Scheme

Kate Byron (University of Bristol/University of Exeter)

Reviving sustainability: Uncovering biases, narratives, and strategies in the German discourse

Laura Kesore (LISIS - UGE, Paris)

P003 Outer space: imaginaries, infrastructures and interventions

Combined Format Open Panel

Convenors: Nina Klimburg-Witjes (University of Vienna); Joseph Popper (University of Vienna); Matjaz Vidmar (University of Edinburgh)

Discussants: Eleanor Armstrong (Stockholm University); David Jeevendrampillai; Nina Klimburg-Witjes (University of Vienna); Richard Tutton (University of York)

Auditorium, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 09:00-10:30**

Speculative theatre in outer space: urban methods and SF narratives for envisioning extraterrestrial futures

Olga Efremov (Utrecht University)

Following the rocket around: how the future is envisioned and concretized in large-scale space infrastructures

Nina Klimburg-Witjes (University of Vienna); Joseph Popper (University of Vienna)

Envisioning the future: Korea's dreams with the Korean Space Agency

Seungmi Chung (Chungbuk National University)

Expectations and assetization in the creation of space launch economies

Eleanor Armstrong (Stockholm University); Richard Tutton (University of York)

Space food futures: multi-planetary narratives of change

Monica Truninger (Instituto de Ciências Sociais, University of Lisbon)

P010 Remaking bodies after traumatic injury: trajectories of injury and repair

Traditional Open Panel

Convenors: Monica Casper (San Diego State University); Daniel Morrison (University of Alabama in Huntsville)

HG-06A32: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Standardising periprosthetic fracture care? Exploring frictions in the making – or unmaking – of a new sub-specialism

Jonathan Benn (University of Leeds); Choon Key Chekar (Lancaster University); Dawn Goodwin (Lancaster University); Cliff Shelton (Lancaster University)

The moving body and the mobile phone in trauma: smartphone documentation as a survival mechanism

Alma Maria Simon (Bar Ilan University)

Opening the illness archives: repair in the wake of brain injury

Ross Perfetti (University of Pennsylvania)

Scientific, clinical, and public convergence in the conceptualization of a research problem: traumatic brain injury

Monica Casper (San Diego State University); Daniel Morrison (University of Alabama in Huntsville)

P011 Knowing & doing: training at the human/non-human intersection

Combined Format Open Panel

Convenors: Liliana Gil (Ohio State University); Alexios Tsigkas (FLAME University)

Chair: Alexios Tsigkas (FLAME University)

Discussant: Liliana Gil (Ohio State University)

HG-02A24: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Butchers, carvers and motorcycle mechanics as teachers and models for elastic rigor across arts and sciences

Marko Zivkovic (University of Alberta)

Sensory education among aroma chemists in Colombia: olfactory training across fields

Ana Maria Ulloa Garzon (Universidad de los Andes)

How to train a tea taster: expert palates, skilled calculations

Alexios Tsigkas (FLAME University)

P013 Social innovation: forms, evidence, and perspectives

Traditional Open Panel

Convenor: José Francisco Romero-Muñoz (Benémerita Universidad Autónoma de Puebla)

HG-15A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

The benefits of social innovation. The case of Atzitzihuacan Puebla, Mexico

Wietse De Vries Meijer (Benemérita Universidad Autónoma de Puebla); Lilia Gomez (Benemérita universidad autónoma de Puebla)

Community-supported agriculture as social innovation: bridging economic disparities and promoting environmental sustainability

Vivien Marx (FERNFH Distance-University of Applied Sciences); Birgit Teufer (FERNFH Distance-University of Applied Sciences)

Designing tech platforms to highlight public-interest issues: three cases of civic innovation from India

Anweshha Chakraborty (University of Bologna)

'Social technology' as solidaristic innovation in Latin America

Les Levidow (Open University)

P019 Playing with AI: Creative Approaches to Engage the Public into Responsible AI Innovation

Combined Format Open Panel

Convenors: Giulia De Togni (The University of Edinburgh); Agnessa Spanellis (The University of Edinburgh)

Chairs: Giulia De Togni (The University of Edinburgh); Agnessa Spanellis (The University of Edinburgh)

Discussant: Roger Andre Søråa (NTNU)

NU-5A57: **Wed 17 Jul 09:00-10:30, 10:30-12:00**

Reimagining architectural & interior design futures: responsible creativity & praxis in a post-AI world

Lois Blackwell (Manchester Metropolitan University); Franziska Pilling (Manchester Metropolitan University)

Posing for AI: digital art, public engagement, and creative resistance to AI innovation narratives

Elizabeth Losh (William Mary)

P025 Engaging society as climate science

Combined Format Open Panel

Convenors: Jaron Harambam (University of Amsterdam); Willemine Willems (VU)
HG-14A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

The art of uncomfortable engagement: towards a methodology for conflictual theatre dialogues about climate change controversies

Keje Boersma (VU Amsterdam); Esther de Weger (Vrije Universiteit); Frank Kupper (VU University Amsterdam); Willemine Willems (VU); Dirk Woertink (Vrije Universiteit)

Delegitimising business-as-usual: rethinking the role of the academic

Jeroen Oomen (Utrecht University)

Science on the fray? Climate scientists navigating the public sphere

Victor Avramov (Vrije Universiteit Amsterdam); Jaron Harambam (University of Amsterdam); Eline Ramaaker (Vrije Universiteit Amsterdam); Roosje Reutelingsperger; Julia Schuring; Willemine Willems (VU)

Climate change through the eyes of primary school students: a visual journey

Giuliana D'Addezio (Istituto Nazionale di Geofisica e Vulcanologia)

P033 Making and doing transformations in STS research practices: methods, tools, and data

Traditional Open Panel

Convenors: Attila Bruni (Trento University); Paolo Magaudda (University of Padova)
HG-05A00: Wed 17 Jul 10:30-12:00

Between playing and designing: a game for the redefinition of categories in migration infrastructures

Lorenzo Olivieri (University of Bologna)

Reshaping (re)search through 'critical feminist screenshotting': Introducing an STS method for capturing and understanding Google search results

Renée Ridgway (Aarhus University)

An approach to the study of the social perception of science based on the representational model of measurement

Unai Coto Suárez (CIEMAT); Ana Muñoz van den Eynde (CIEMAT); Ramón Iker Soria Royuela (Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT))

P061 Power through the flow: practices, knowledge, and territories of the logistics industry

Traditional Open Panel

Convenors: Victor-Manuel Afonso Marques (Université de Bordeaux); Jeanne Oui (IFRIS - Paris-Dauphine University); Mathieu Quet (IRD)
HG-02A37: Wed 17 Jul 08:30-10:00, 10:30-12:00

Logistics is the bread of Kazakhstan: roadside economies along the Sino-Kazakh border

Verena La Mela (University of Heidelberg)

Assessing the role of mid-size vehicles in urban delivery systems: big bicycles and small trucks in Lyon and Casablanca

Margot Abord de Chatillon (Université Gustave Eiffel, Labex Futurs Urbains)

Profitable congestion: maritime shipping in inter-Asian circuitries

Canay Ozden-Schilling (National University of Singapore)

P070 Queering STS: transforming theories, methods, and practices

Traditional Open Panel

Convenors: Chase Ledin (The University of Edinburgh); Simon Lock (UCL); Ben Weil (The Love TankPrEPster)
Chairs: Chase Ledin (The University of Edinburgh); Simon Lock (UCL)
HG-11A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

Queer/STS/Intersex: thinking beyond dominant frameworks of variations of sex characteristics

David Griffiths (University of Surrey)

Crippling STS: forging solidarities through the lens of access

Robin Angelini; Kay Kender (TU Wien); Janis Lena Meißner (TU Wien); Ekaterina Osipova (TU Wien); Katta Spiel

Queer stoma pride and barbie bums: the violence of 'returning to normal'

Órla Meadhbh Murray (Northumbria University Newcastle)

P075 Transformations in human-robot interaction: the contribution of STS to empirical research 'in the field' of social robotics

Traditional Open Panel

Convenors: Stevienna de Saille (University of Sheffield); Arne Maibaum
NU-4A06: Wed 17 Jul 08:30-10:00, 10:30-12:00

A magmatic robot that makes things happen: a pilot experience with a feeding robot in a hospital

Núria Vallès-Peris (Spanish National Research Council - CSIC)

Social robots to laboratory "animals": the case of pepper robot

Andrei Korbut (Käte Hamburger Kolleg Aachen Cultures of Research)

Digitalization, AI, and robotics for good care and good work? A public policy document analysis of German sociotechnical imaginaries of healthcare robotics

Svenja Breuer (Technical University of Munich); Ruth Müller (Technical University of Munich)

Not losing our jobs anytime soon: mapping the field of robotic care

Stevienna de Saille (University of Sheffield)

P084 Machine listening: dissonance and transformation

Traditional Open Panel

Convenors: Juana Catalina Becerra Sandoval (IBM Research); Edward B. Kang (New York University)

NU-5A47: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

The great perception machine: limits of formalization in speech emotion recognition

Tanja Knaus (University of Oslo)

Sonic similitude the significance of similarity metrics in the context of AED

Johan Malmstedt (Media and Communications Studies)

An ineradicable excess of sound: audio compression algorithms and the politics of intelligibility in the construction of “redundant” data

Felicia Jing (Johns Hopkins University)

P086 Navigating paradigms: between evidence-based and data-driven medicine

Combined Format Open Panel

Convenors: Alina Geampana (Durham University); Lea Loesch (VU Amsterdam); Tiago Moreira (Durham University); Teun Zuiderent-Jerak (VU Amsterdam)

HG-11A24: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Experimenting with real-world evidence. A sociological study into new regulatory knowledge practices for Digital Health Technologies

Elisa Lievevrouw (KU Leuven)

Uncovering differences in frequentist reasoning in evidence-based medicine and AI-based data analyses

Lea Loesch (VU Amsterdam); Teun Zuiderent-Jerak (VU Amsterdam)

Two repertoires of public health: tension and convergence between evidence-based and data-driven approaches

Lieke Oldenhof (Erasmus University Rotterdam); Hugo Peeters (Erasmus University Rotterdam); Wilma van der Scheer (Erasmus University Rotterdam)

P087 Critical and/or creative approaches to bodily data and the management of health risks

Combined Format Open Panel

Convenors: Myriam Durocher (University of Amsterdam); Samuel Thulin (Concordia University)

HG-05A16: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Sensing sugar: doing diabetic data art

Samuel Thulin (Concordia University)

Sick & Fabulous: creative methods for visualizing diabetic life beyond data and metrics

Lyndsey Beutin (McMaster University); Cal Biruk (McMaster University)

P126 (Un)making biodiversity in agricultural infrastructures

Traditional Open Panel

Convenors: Jenske Bal (Liege University); Pieter Lagerwaard (University of Amsterdam)

Chairs: Jenske Bal (Liege University); Pieter Lagerwaard (University of Amsterdam)

Discussants: Pieter Lagerwaard (University of Amsterdam); Adam Searle (University of Nottingham)

Agora 3, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

Paddy fields as microcosms: biodiversity monitoring and more-than-human future in South Korean agriculture

Hanah Sung (Center for Anthropocene Studies, KAIST)

Unveiling the nexus of sensors and sensing practices in shaping farming system strategies

Lenn Gorissen (University of Twente); Kornelia Konrad (University of Twente); Esther Turnhout (University of Twente)

Butterfly stories: monarch butterflies as frames for fear, responsibility, and action

Wyatt Galusky (SUNY Morrisville); Christopher Henke (Colgate University)

Buying Back the Land: Citizen Initiatives and the (Re)Construction of Biodiverse Food Infrastructures in the Netherlands

Pieter Lagerwaard (University of Amsterdam)

P155 The performative character of studying digitalization in organizations

Combined Format Open Panel

Convenors: Uli Meyer (Johannes Kepler University Linz); Stefanie Raible (Johannes Kepler University Linz); Martin Schwab (University of Arts Linz); René Werner (Johannes Kepler University Linz)

HG-11A22: **Wed 17 Jul 10:30-12:00**

Complex but enriching: how participatory, inter- and transdisciplinary working methods establish new (digital) solutions and practices in organisational systems

Diana Cürlis (FH Münster); Daniel Krüger (TU Dortmund University); Bastian Pelka (TU Dortmund); Ann Christin Schulz (Sozialforschungsstelle Dortmund, Department of Social Sciences, TU Dortmund University)

Making knowledge explicit: from individual matters to organizational responsibilities?

Sascha Dickel (Johannes Gutenberg University); Benjamin Doubali (Johannes Gutenberg-University Mainz)

digital.# – research-led approaches for implementing digital technologies in crafts and SMEs encountering STS

Martin Schwab (University of Arts Linz)

P175 Towards mapping and defining critical hype studies

Traditional Open Panel

Convenors: Andreu Belsunces (Universitat Oberta de Catalunya); VASILEIOS GALANOS (University of Edinburgh)

NU-4B43: Wed 17 Jul 08:30-10:00, 10:30-12:00

On the production of knowledge and trust authority of LLMs through hype

Jascha Bareis (Institute for Technology Assessment and Systems Analysis (ITAS))

Mapping boundary-work in constructions of hype: the case of synthetic data hype

Louis Ravn (University of Copenhagen)

Dutch universities' response to the ChatGPT hype in higher education: a digital methods approach on visionary communication

Aodhan Kelly (Maastricht University Vrije Universiteit); Maximilian Rossmann (Maastricht University)

P179 Expert knowledge in times of transformation

Traditional Open Panel

Convenors: Silke Beck (TUM); David Demortain (LISIS - Laboratoire Interdisciplinaire Sciences Innovations Sociétés, France);

Fiona Kinniburgh (Technical University of Munich)

Chair: Bastien Soutjis (Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS))

HG-13A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

The politics of expertise in climate litigation: a Dutch climate court case

Jeroen Oomen (Utrecht University); Lisette van Beek (Utrecht University)

Ecologies of ethical expertise: polycentricism, pluralism and advisory bodies in contexts of policy uncertainty

Marija Antanaviciute; Beatrice Dippel; Warren Pearce (University of Sheffield); Jessica Pykett (University of Birmingham); Holger

Straßheim (Bielefeld University); Inga Ulnicane (University of Birmingham)

Expertise in transition? The shifting epistemic foundations of the renewable energy system

Sophie Adams (Deakin University)

Making expertise in international environmental governance: establishing loss and damage expert groups in the UNFCCC

Angelica Johansson (Linköping University)

The pluralization of knowledge and climate change: the role of the IPCC

Reiner Grundmann (University of Nottingham)

P191 Exploring Anticipatory Governance

Traditional Open Panel

Convenors: Nils Matzner (Technical University Munich); Ina Möller (Wageningen University and Research)

Chair: Nils Matzner (Technical University Munich)

Discussant: Ina Möller (Wageningen University and Research)

NU-2B11: Wed 17 Jul 10:30-12:00, 15:30-17:00

The potentials and limits of 'anticipatory governance': a theoretical analysis of its assumptions and critical-reflective affordances

Sergio Urueña (University of Twente and University of the Basque Country UPV-EHU)

Exploring the perspective of MedTech industry actors on the (changing) governance landscape of medical technologies

Bert de Graaff (Erasmus University Rotterdam); Diana Delnoij; Renee Michels (Erasmus School of Health Policy and Management)

Regulatory imaginaries of generative AI and high frequency trading algorithms: lessons from the 2008 financial crisis for the future regulation of AI

Kevin Witzemberger (Queensland University of Technology)

Anticipating risk: deconstructing and reconstructing risk-risk analysis as a tool for solar geoengineering governance

Duncan McLaren (UCLA)

P198 The banality of failure: disturbances, fragilities and resilience of digital infrastructures, media and technologies

Traditional Open Panel

Convenors: Sigrid Kannengießer; Erik Koenen; Christian Schwarzenegger (University of Bremen); Irina Zakharova (Leibniz University Hannover)

Chair: Irina Zakharova (Leibniz University Hannover)

Agora 4, main building: Wed 17 Jul 08:30-10:00, 10:30-12:00

When female operators dominated: telephone exchanges as sociotechnical hybrids and telephonic regimes in Korea
Sungook Hong (Seoul National University); Jae Ryoung Koo (Seoul National University)

Navigating e-government challenges: a bottom-up workaround approach
Rich Gazan; Anis Hamidati (Bunda Mulia University)

Intermediation: discretion and care in the infrastructures of homeless services
Pelle Tracey (University of Michigan)

Securing tomorrow's energy: cybersecurity expertise and the resilience of Norway's smart grid infrastructure
Olga Usachova (Norwegian University of Science and Technology)

P202 Towards the 'digital good'?

Traditional Open Panel

Convenors: Helen Kennedy (University of Sheffield); Gina Neff (University of Cambridge); Ros Williams (University of Sheffield)
HG-05A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

Professional collective governance: participatory and contextual iteration of the 'digital good'
Ben Gansky (Arizona State University); Sean McDonald (Digital Public); Bianca Wylie (Digital Public)

Making the case for "good" in a platform company: the persuasive work of trust and safety professionals
Tomás Guarna (Stanford University)

Balancing act: exploring the wellbeing of BBC media professionals at work in the age of AI
Lily Rodel (University of Oxford)

The digital good demands civic-minded technologists
Erhardt Graeff (Franklin W. Olin College of Engineering)

Towards the 'digital good' in frugal innovations
Allan Báez Morales (Santa Clara University); Silvia Figueira (Santa Clara University); Mario A. Manzi-Puertas (Javeriana University); Maria Alejandra Pineda-Escobar (Politecnico Granacolombiano)

P205 Reimagining STS & academic work: challenges, transformations, and alternative futures

Combined Format Open Panel

Convenors: Vivian Anette Lagesen (Norwegian University of Science and Technology); Kyriaki Papageorgiou (Norwegian University of Science and Technology); Knut H Sørensen (NTNU Norwegian Univ. of Science and Technology); Sharon Traweek (University of California, Los Angeles UCLA)
HG-08A20: Wed 17 Jul 10:30-12:00, 15:30-17:00

An experience in the academic landscape in Turkey: paradoxes, experiments, and settling
Duygu Kasdogan (Izmir Katip Celebi University)

Researcher role(s) in an energy transition process
Nora Kristiansson (NTNU)

What is social mechanism in Science - a sociological answer
Lianghao Dai (Zhejiang University); Jiayi Lin (Zhejiang University)

Sustainability of science: a critical reflection on how we do science from a sustainability perspective
Wybo Houkes; Andrea Kis (TU Eindhoven); Irene Niet (TU Eindhoven); Krist Vaesen (Eindhoven University of Technology)

P215 Frame analysis in science studies

Traditional Open Panel

Convenors: Jochen Gläser (TU Berlin); Grit Laudel (Technical University Berlin); Nathalie Schwichtenberg (German Center of Higher Education and Science Studies); Susanne Wollin-Giering (TU Berlin)
NU-6A25: Wed 17 Jul 08:30-10:00, 10:30-12:00

Epistemic Imaginaries – Framing Futures in Epistemic Cultures
Harro van Lente (Maastricht University)

Recognition and rewards reform of the Netherlands: preliminary assessment and analysis using stakeholder problem-frame mapping
Alex Rushforth (Leiden University)

To trust, or not to trust – the role of scientific trust as collective frame within scientific communities
Nathalie Schwichtenberg (German Center of Higher Education and Science Studies)

All your results are good results? - journals of negative results as a failed communicative genre
Tobias Lehmann (TU Berlin)

P232 Spotlighting STEM education: critical approaches to society, science, and learning

Combined Format Open Panel

Convenors: Anna Danielsson (Stockholm University); Johanna Larsson (Mälardalen University)
HG-09A32: Wed 17 Jul 10:30-12:00, 15:30-17:00

(Un)disciplining the scientific imagination: troubling science education's boundaries and pedagogies
Lucy Avraamidou; Betzabe Torres Olave (University of Leeds)

The emergence of creativity as a core scientific skill in memoirs by physicists and chemists, 1960–1990

Annelie Drakman (History of Ideas)

Playing around with Laclau and Mouffe's discourse theory to find 'unexpected' articulations of physics

Anna Danielsson (Stockholm University); Allison J Gonsalves (McGill University); Anders Johansson (Chalmers University of Technology); Anne-Sofie Nyström (Uppsala University)

Imagining sustainable engineering futures or recruiting passionate students to the status quo?

Oskar Hagvall Svensson; Anders Johansson (Chalmers University of Technology); Johanna Larsson (Mälardalen University)

Building responsibility: translational interventions in computer science education

Benedetta Catanzariti (University of Edinburgh); James Garforth (University of Edinburgh)

P268 Creative partners? Repositioning the arts in transdisciplinary collaborations

Combined Format Open Panel

Convenors: Peter Peters (Maastricht University); Denise Petzold (Maastricht University); Veerle Spronck (HKU University of the Arts Utrecht)

NU-3B05: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00

Arts-Based Interventions as Catalysts for Strengthening Human-Nature Connectedness: A Case Study on the Biellese Landscape and its Local Food Practices

Rimvyde Muzikeviciute (University of Groningen- Campus Fryslân)

Putting agonistic planning into practice with Drama labs: comparing four experiences with theatre-based transdisciplinary collaboration in urban planning.

Lisa de Roeck (University of Antwerp); Krzysztof Janas; Barbara Koole (Tilburg University); Cecilie Sachs Olsen

Disruptive methodologies: inter-medial approaches to architectural and cultural heritage through artistic and design-driven research

Monica Tuşinean (Technische Universität Berlin)

WITH trees: the new? Material! Relations project

Leila Berg (Emily Carr University of Art Design); Helene Day Fraser (Emily Carr University and Simon Fraser University); Jihyun Park (Simon Fraser University); Ayako Takagi (University of British Columbia (UBC)); Eden Zinchik (Emily Carr University of Art Design)

P300 Infrastructures, crisis and transformation

Traditional Open Panel

Convenors: Nina Amelung (Universidade de Lisboa); Huub Dijstelbloem (University of Amsterdam); Jan-Hendrik Passoth (European University Viadrina)

HG-09A24: Wed 17 Jul 08:30-10:00, 10:30-12:00

Temporary infrastructure, crisis, and transformation: from bridging the lack of infrastructure to exploring new futures?

Philipp Knopp (Bertha von Suttner Private University)

Very long-term storage infrastructures as an answer to permacrisis situations?

Christine Fassert (LATTS ENPCUniversite Gustave Eiffel); Youenn Gourain (LATTS); Valerie November (CNRS - LATTS); Jonathan Rutherford (LATTS)

Infrastructural imaginaries of the Swedish public warning system

Linda Paxling (Malmö University)

Acoustemology of the closet: a media genealogy of switchboard, queerness, and crisis

Suisui Wang (Indiana University Bloomington)

P304 Theorizing through the mundane: storying transformations in healthcare

Combined Format Open Panel

Convenors: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

Chairs: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

HG-08A33: Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00

Moments of interest in maternity and neonatal care

Sarah Chew (University of Leicester); Nicola Mackintosh (University of Leicester)

Classifying, improving: classification work in care for 'second-degree' vaginal tears

Lisa Guntram (Linköping University); Lisa Lindén (Chalmers University of Technology)

The mundanization of healthcare: biomedical treatments through the lens of mundane

Maria Caiata Zufferey (University of applied sciences and arts of Southern Switzerland); Giada Danesi (University of Applied Sciences and Arts of Southern Switzerland)

Crisps and chats in total institutions

Lena Eriksson (Gothenburg University)

P308 Remaking participation and democracy

Combined Format Open Panel

Convenors: Jason Chilvers (University of East Anglia); Elliot Honeybun-Arnolda (University of East Anglia); Matthew Kearnes (University of New South Wales); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia); Jan-Peter Voß (RWTH Aachen University)

HG-12A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

Low-tech experiments

Morgan Meyer (Mines Paris, PSL, CNRS)

Participate! In being the relevant public

Catherine Polishchuk (University of Vienna)

Flexible publics of flexible participation: the case of the 'Smart Region' innovation program

Carole-Anne Tisserand (Mines Paristech)

Rationalities of European co-creation: comparing robotics, SwafS, and Erasmus+ actions

Carlos Cuevas Garcia (Technical University of Munich)

Participation in the online public sphere: an ethnographic exploration of Extinction Rebellion NL social media platforms

Maud Oostindie (Maastricht University)

P336 Valuing nature, valuing science: shifting 'appreciations' of colonial matter

Traditional Open Panel

Convenors: Laurens de Rooy (Amsterdam University Medical Centre); Lisette Jong (University of Amsterdam); Amade Aouatef M'charek (University of Amsterdam); Paul Wolff Mitchell (University of Amsterdam)

HG-09A16: **Wed 17 Jul 08:30-10:00, 10:30-12:00**

On the potentiality of colonial matters: Valuing non-human primate remains in past and present institutional and scientific practices.

Lisette Jong (University of Amsterdam)

Protecting species, conserving extractions: conservation regimes in the museum and beyond

Roos Hopman (Humboldt University Berlin); Tahani Nadim (Humboldt University Berlin)

P340 More-than human research and innovation

Traditional Open Panel

Convenors: Michael Bernstein (AIT, Austrian Institute of Technology, GmbH); Thomas Franssen (Leiden University); Robert Smith (The University of Edinburgh)

NU-6A52: **Wed 17 Jul 10:30-12:00**

Genetic enhancement in a one health world

Jean Cadigan; Douglas MacKay; Rebecca Walker (University of North Carolina at Chapel Hill); Margaret Waltz

Multispecies families' contribution to Design Research

Clara Venâncio (Faculdade de Belas Artes, Universidade do Porto)

Staying with the struggle: Possibility, contingency and failure in three speculative more-than-human worldings that attempt to speak-with

Gabriela Aquije Zegarra (FHNW Hochschule für Gestaltung und Kunst); Viktor Bedö (FHNW Academy of Art and Design); Kit Braybrooke (FHNW - University of Applied Sciences and Arts Northwestern Switzerland); Ruth Catlow

P369 The geopolitical races of science, technology and innovation

Combined Format Open Panel

Convenors: Georgios Kolliarakis (German Council on Foreign Relations); Ana Sanchez-Cobaleda (University of Barcelona)
Discussant: Machiko Kanetake (Utrecht University)

NU-4B17: **Wed 17 Jul 10:30-12:00**

Research security in the EU: tensions between security and equal treatment

Machiko Kanetake (Utrecht University); Cong-rui Qiao (Law4Sustainability); Marijk van der Wende (Utrecht University)

School's out: how universities are sending strategic technology abroad

Ross Peel (King's College London); Ana Sanchez-Cobaleda (University of Barcelona); Christopher Watterson (University of Sydney)

W445 Taking Epistemologies and Ontologies into Action

Workshop

Convenor: Adriana Ressorio (Wageningen University Research)

Chair: Charbel El-Hani (Federal University of Bahia)

Discussants: Gabriela De La Rosa (Wageningen University and Research); Fabio Gatti (Wageningen University); Vitor Renck (Federal University of São Paulo); Thomas The Rickard (Federal University of Minas Gerais); Julia Turska (Wageningen University and Research)

HG-10A20: **Wed 17 Jul 10:30-12:00**

STS Making and Doing Program

Various locations, main building and NU building

Note on times:

All Making & Doing stands will be staffed from 12:00-15:00, with participants having the option of staffing their stands from 10:30-17:00. The films start from 12:00.

MD01 Making and Doing**Making & Doing**

Convenors: Christianne Blijleven (Athena Institute); Yelena Gluzman (University of Alberta); Shachi Mokashi (Vrije Universiteit Amsterdam); Laura Paschedag (Athena Institute, Vrije Universiteit Amsterdam (VU)); Makoto Takahashi (VU Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Locations:

Making & Doing stands will be in the following two locations:

Main building - main hall on the ground floor, first floor Foyer, around Aula;

NU building - ground floor Atrium, second floor hallway.

Rooting: a porcine way of doing and learning

Paul Keil (Institute of Ethnology, Czech Academy of Sciences); Laura Kuen (Institute of Ethnology, Czech Academy of Sciences); Kieran O'Mahony (Institute of Ethnology, Czech Academy of Sciences); Marianna Szczygielska (Institute of Ethnology, Czech Academy of Sciences)

Food down memory lane

Barkha Kagliwal (Cornell University)

Mobilizing knowledge making: a collective field notes installation

Suze Berkhout (University of Toronto)

Empowering communities: fostering food innovation in Castelo Branco's living lab

Mário Cristóvão (CATAA)

Seeing like a school

Griffin Fadellin (Columbia University)

CLTRS

Laureline Chiapello (University of Québec in Chicoutimi, Canada (UQAC))

From the fountain: letters for Adele E. Clarke

Christoph Hanssmann (University of California, Davis)

Working towards anti-ableist makings and doings: access in the making (AIM) lab

Arseli Dokumaci (Concordia University); Rachel Rozanski (Concordia University); Jessie Stainton (Concordia University); Emery Vanderburgh (Concordia University)

An STS textbook: making recipes for critical pedagogies in undergraduate education

Emily York (James Madison University)

Building prototypes to shape museums as creative and participative platforms: lessons from soy stories

Melania-Elena Lorent (Vrije Universiteit Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Exploring cybersecurity dilemmas through a board game

Torben Elgaard Jensen (Aalborg University Copenhagen)

Reconsidering failed(?) ferments

Maya Hey (Centre for the Social Study of Microbes, University of Helsinki); Salla Sariola (University of Helsinki)

A transdisciplinary approach to experiencing soil perspectives

Giulia Bongiorno (Wageningen University and Research); Jillian Student (WIMEK, Wageningen University Research); Wietse Wiersma (Wageningen University)

Choral microbes: listening to the microbes around us

Jose A. Cañada (University of Helsinki); Kaajal Modi (University of York); Faidon Papadakis (Centre for the Social Study of Microbes, University of Helsinki)

Moving through deep adaptation: an interactive installation considering futures through ecogrief

Livia Cruz (Arizona State University); Leah M. Friedman (Arizona State University); Ame Min-Venditti (Arizona State University); Risa Schnebly (Arizona State University)

The MindReader ESP32® by NeuralChain AI™: a speculative fictional parody of wireless surveillance

R. Stuart Geiger (University of California, San Diego)

Kitchen cognition: crafting situated openness

Sarah Klein (University of Waterloo)

Minor AI: experiments in ancestral and esoteric intelligence

Teodora-Sinziana Alata (University of Westminster)

Stories in conversation: mobilising oral history and ethnographic storytelling to reflect on environmental collaboration

Eleanor Hadley Kershaw (University of Exeter)

Against digital fatalism: resisting technology hype through hopeful and creative interventions with immersive futures

Andrés Domínguez (The Alan Turing Institute)

Re-drawing the boundaries of platform governance (co-convenors: Karen Huang, Sydney Luken, Akshaya Narayanan)

Karen Huang (Georgetown University); Akshaya Narayanan (Ethics Lab, Georgetown University)

Poetic tactics to counter extraction

Mirko Febbo (Goldsmiths University of London); Anne Steele (The Alan Turing Institute)

AWTr Pops: edible prompts for community deliberation around water recycling

Christy Spackman (Arizona State University)

Carbon cascadia – a playful approach to making carbon dioxide removal landscapes

Nils Matzner (Technical University Munich)

Space shadows: cyanotype impressions of cosmic encounters

Sebastian Levar Spivey (Universit of Twente)

In the shadow of ashes

Ben Yau

Intra-Axion! – epistemic tumbling in QCD axion dark matter physics (photo session)

Olivier Rossel (Brandenburg University of Technology)

Co-creating resilient futures: a collaborative brainstorming card deck

Benedetta Piantella (NYU Tandon School of Engineering)

Are you sitting uncomfortably? Then let's begin. Storytelling to build an intersectional future in technology

Sol Martinez Demarco (Harz University of Applied Sciences)

AI as in the I of AI

Nini Zhou (University of Illinois, Urbana-Champaign)

Evolutions in process: making and doing transformative visions using the ParEvo approach

Indigo Strudwicke (Australian National University)

Sociotechnical analysis of cable cars as a new mode of public transport

Sergio Gustavo Astorga (Universidad Autónoma Metropolitana)

My documents, check them out – a serious game about migration infrastructures

Lorenzo Olivieri (University of Bologna); Annalisa Pelizza (University of Bologna and University of Aarhus)

Sky inside the soil

Alexandra Toland (Bauhaus-Universität Weimar)

Reverb-resonate: a participatory wearable-to-sound performance

Mona Hedayati

Notes on planetary computing – GeoAI in the tropics

Marc Böhlen (University at Buffalo)

A different kind of game jam: making games through sts!

Elisenda Passola i Lizandra (Technical University Munich); Yigit Ulker (Technical University of Munich); Clara Valdés-Stauber (TUM School of Social Sciences and Technology TUM Center for Culture and Arts)

Reflective dialogues around a carpet: toward a new geography of responsibilities in addressing digital inequalities

Nicole Goedhart (Amsterdam UMC)

Hiring black box – are you better at job recruitment than an AI?

Shan Wang (Norwegian University of Science and Technology)

AI Utopia: convivial technologies there and then

Andreas Liesenfeld

Stitching solutions: determining policy for AI accountability

Alka Menon (Yale University)

Bringing climate science and society closer together: a citizens' assembly tasting session

Eline Ramaaker (Vrije Universiteit Amsterdam)

Post-growth control wars

Andreu Belsunces (Universitat Oberta de Catalunya)

Templatic games - play your research

Ulrike Zeshan (University of Central Lancashire and Ishara Press CIC)

Reconfiguring contraceptive development: speculative timescapes to ask ‘what’s otherwise?’ For pregnancy prevention

Cecily Klim (University of New South Wales, Sydney)

Designing AI agents simulations for STS (post)qualitative research

Denisa Kera (Bar Ilan University)

Olive stories: complicating the plantationocene by revealing oily relations

Anne Beaulieu (University of Groningen); Efe Cengiz (University of Groningen); Carol Garzon-Lopez (Campus Fryslan, university of Groningen); Julide Sezer

Participatory conservation

Gabriela De La Rosa (Wageningen University and Research); Charbel El-Hani (Federal University of Bahia); Jéssica Sacramento da Hora Barros (Universidade Federal da Bahia (UFBA))

MD02 Making and Doing Films 1

Making & Doing

Convenors: Christianne Blijleven (Athena Institute); Yelena Gluzman (University of Alberta); Shachi Mokashi (Vrije Universiteit Amsterdam); Laura Paschedag (Athena Institute, Vrije Universiteit Amsterdam (VU)); Makoto Takahashi (VU Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Theater 2, NU building: **Wed 17 Jul 12:00-15:00**

Picturing the invisible: legacies of the Fukushima nuclear disaster in art

Karl Dagher (Technical University of Munich); Elisenda Passola i Lizandra (Technical University Munich); Makoto Takahashi (VU Amsterdam)

Yours in health: digital wellness cultures, essential oils, and gendered conspiracy thinking

Frankie Mastrangelo (Virginia Commonwealth University)

Worldmaking: house of Mu

Andrea Kim (University of Southern California)

MD03 Making and Doing Films 2

Making & Doing

Convenors: Christianne Blijleven (Athena Institute); Yelena Gluzman (University of Alberta); Shachi Mokashi (Vrije Universiteit Amsterdam); Laura Paschedag (Athena Institute, Vrije Universiteit Amsterdam (VU)); Makoto Takahashi (VU Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Theater 5, NU Building: **Wed 17 Jul 12:00-15:00**

Invisible machines: the women behind talk to text

Yelena Gluzman (University of Alberta)

On the subject of tests: rehearsing the examination

Sasha Bergstrom-Katz (Max Planck Institute for the History of Science)

Making and doing STS through film: gene drive mosquitoes

Sarah Hartley (University of Exeter)

MD04 Making and Doing Films 3

Making & Doing

Convenors: Christianne Blijleven (Athena Institute); Yelena Gluzman (University of Alberta); Shachi Mokashi (Vrije Universiteit Amsterdam); Laura Paschedag (Athena Institute, Vrije Universiteit Amsterdam (VU)); Makoto Takahashi (VU Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Theater 8, NU building: **Wed 17 Jul 12:00-15:00**

The weight of air

Tabor Idema

Samples to slides: labor and craft in pathology

Megan Milota (University Medical Center Utrecht)

Transformation Journeys

Marjoleine van der Meij (VU Amsterdam)

MD05 Making and Doing Films 4

Making & Doing

Convenors: Christianne Blijleven (Athena Institute); Yelena Gluzman (University of Alberta); Shachi Mokashi (Vrije Universiteit Amsterdam); Laura Paschedag (Athena Institute, Vrije Universiteit Amsterdam (VU)); Makoto Takahashi (VU Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam)

Theater 9, NU building: **Wed 17 Jul 12:00-15:00**

BUILDING SPACES – A sensory ethnography

Elaine Goldberg (University of Vienna)

Woodshedding and Idea: Mapping the Nuclear Nonproliferation Complex

Christopher Lawrence (Georgetown School of Foreign Service)

Session 5b**P005 Normative uncertainties in the energy transition: energy justice, pluralism and beyond****Traditional Open Panel**

Convenors: *Udo Pesch (Delft University of Technology); Eugen Popa (TU Delft); Behnam Taebi*

HG-07A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Putting visions in their place: framing responsible innovation for energy transition through a spatial lens

Christopher Groves (Swansea University)

Unveiling ethical foundations: the role of values in the green hydrogen transition

Samira I. Ibrahim

Inclusive urban energy futures? Unveiling justice conflicts in the European vision for positive energy districts

Per Carlborg; Sophie-Marie Ertelt (örebro university)

The politics of energy and industrial transitions: five socio-technical visions of sustainable fuels

Kasper Ampe; Erik Paredis (Ghent University)

Performing energy justice futures: how visions of just futures shape discourses and practices in the United Kingdom's community energy sector

Nayim Patel (University College London)

P028 Rethinking and reshaping digital work(places) with practice theories**Traditional Open Panel**

Convenors: *Stefan Laube (Johannes Kepler University Linz); Katja Schönian (Friedrich-Alexander University Erlangen-Nuremberg)*

Chairs: *Stefan Laube (Johannes Kepler University Linz); Katja Schönian (Friedrich-Alexander University Erlangen-Nuremberg)*

HG-09A29: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Control technologies meet workers' obstinacy: on the potential of practice theories for analyzing the dialectic between self-determination and external control in digital labor

Annika Becker (University of Duisburg-Essen); Frank Kleemann (University of Duisburg-Essen)

Why use apps in occupational health, safety, and well-being? – Exploring logics among occupational health professionals

Johan Simonsen Abildgaard (Copenhagen Business School); Iben Karlsen (The National Research Centre for the Working Environment)

Who makes and unmakes accessibility in post-pandemic remote work? Perspectives from a study with Swedish disability rights organizations

Magnus Eriksson (RISE); Jörgen Lundälv (University of Gothenburg); Elisabet M. Nilsson (School of Arts and Communication (K3), Malmö University)

Situational presences and practices: remote collaboration based on the combined use of telepresence robotics (TPR) and virtual reality (VR) technology

Marie-Kristin Döbler (FAU Friedrich-Alexander University Erlangen-Nürnberg)

P029 Transforming vaccinology**Traditional Open Panel**

Convenors: *Stuart Blume (University of Amsterdam); Vesna Trifunovic (The Institute of Ethnography, Serbian Academy of Sciences and Arts)*

Chairs: *Stuart Blume (University of Amsterdam); Vesna Trifunovic (The Institute of Ethnography, Serbian Academy of Sciences and Arts)*

Aurora, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Regional collaborations: past experiences and prospects in Latin America

Ana María Carrillo (Universidad Nacional Autónoma de México)

Colombia: Manoeuvring between an entrepreneurial state and private vaccine manufacturing

Carolina Gomez (National University of Colombia); Claudia Vaca (Universidad Nacional de Colombia)

Understanding vaccine hesitancy: historical perspectives and contemporary challenges in Brazil

Marcia Grisotti (Federal University of Santa Catarina); Isaura Wayhs Ferrari (Universidade Federal de Santa Catarina)

Socio-technological relationships in vaccine innovation: a critical history

Omkar Nadh Pattela (University of Queensland)

P041 Chemical affects: engaging substances in life-death worlds**Traditional Open Panel**

Convenors: *Giorgio Brocco (University of Vienna); Marcos Freire de Andrade Neves (Freie Universität Berlin); Max Schnepf (Freie Universität Berlin)*

HG-01A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Toxic ignorance in public health: the politics of Chlordecone biomonitoring in the French West Indies

Sara Angeli Aguiton (CNRS)

How pesticides enter the body: porosity and growth in Western Kenya

Miriam Waltz (Leiden University)

Spectres of chlordecone: hauntological presences of chemical substances and their aftermath in Martinique

Giorgio Brocco (University of Vienna); Aminata Cécile Mbaye (Utrecht University)

Making fields clean: glyphosate-based domestication on Finnish farms

Anni Piironen (University of Helsinki)

P043 Witnessing disasters, crises and wars in the age of datafication

Traditional Open Panel

Convenors: Migle Bareikyte (European University Viadrina Frankfurt (Oder)); Mykola Makhortyk

NU-5A27: Wed 17 Jul 09:00-10:30, 11:00-12:30

Monitoring landslide events and detection of early signatures of landslides in western Himalayas, India using different satellite data

Deepti Nautiyal (Indian Institute of Technology Roorkee)

AI imaginaries and Russia's war against Ukraine: the case of Midjourney and Kandinsky

Migle Bareikyte (European University Viadrina Frankfurt (Oder)); Mykola Makhortyk

Geo-aesthetic materials: a case study of Joshimath

Ayush Biswas (Goethe University, Frankfurt)

P054 Veterinary worlds & the challenges of multispecies coexistence

Traditional Open Panel

Convenors: Amy Clare (Technical University of Munich); Else Vogel (University of Amsterdam)

HG-07A16: Wed 17 Jul 09:00-10:30, 11:00-12:30

I'm just a stupid pig vet!: Veterinary subjectivities in xenotransplantation science and beyond

Amy Clare (Technical University of Munich)

The southern buffalo fence: unruliness and ambivalence in veterinary worlding

Wisse Van Engelen (University of Cologne)

Modalities of veterinarianization: when veterinary worlds confront power politics

André Thiemann (Institute of Ethnology, Czech Academy of Sciences)

P056 Futures work

Traditional Open Panel

Convenors: Rebecca Coleman (University of Bristol, UK); Sanja Milivojevic (University of Bristol); Daniel Neyland (Bristol Digital Futures Institute); Jessica Ogden (University of Bristol)

Agora 1, main building: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Making better futures through community tech: innovation, co-creation and capacity building

Rebecca Coleman (University of Bristol, UK); Julia Costa Carneiro (KWMC); Martha King (Knowle West Media Centre)

Ageing technofutures in the making: challenging regimes of anticipation in a datafied world?

Juliane Jarke (University of Graz); Helen Manchester (University of Bristol)

Bugreporting on anticipatory Infra-solutionism: collective practices of struggle and resistance.

Miriyam Aouragh (University of Westminster); Seda Gürses (TU Delft); Helen Pritchard (The Institute for Technology in the Public Interest (TITiPI) Basel Academy of Art and Design, FHNW, Switzerland University of Plymouth); Jara Rocha (The Institute for Technology in the Public Interest (TITiPI)); Femke Snelting (The Institute for Technology in the Public Interest)

Stitching histories of the future: patents, power and the politics of invention

Kat Jungnickel (Goldsmiths, University of London)

P057 How, when and why does science (fail to) correct itself?

Combined Format Open Panel

Convenors: Mady Malheiro Barbeitas (CNRS); Candida Sánchez Burmester (Maastricht University)

HG-10A33: Tue 16 Jul 14:00-15:30, 16:00-17:30, Wed 17 Jul 11:00-12:30, 16:00-17:30

Roundtable

Melpomeni Antonakaki (Technical University of Munich); Maarten Derksen (University of Groningen); Willem Halffman (Institute for Science in Society, Radboud University Nijmegen); Mady Malheiro Barbeitas (CNRS); Nicole Nelson (University of Wisconsin Madison); Bart Penders (RWTH Aachen and Maastricht University); Nicolas Rasmussen (University of New South Wales); Maha Said (Université Sorbonne Paris Nord); Candida Sánchez Burmester (Maastricht University); Sergio Sismondo (Queen's University)

P060 Everyday doing and identity making: how do digital platforms co-configure identity(s)?

Traditional Open Panel

Convenor: Yuhan Wang (University of Bristol)

Chair: Yuhan Wang (University of Bristol)

HG-02A00: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Mediating cyber-physical space: mobile dating apps as markers of social transformation?

Ingo Schulz-Schaeffer (Technical University of Berlin); Nicolas Zehner (TU Berlin)

Interpellative power of algorithms: on the theory of recognition in the age of AI

Natalia Juchniewicz (University of Warsaw)

The infrastructure of nationhood: platforms in everyday life

Yuhan Wang (University of Bristol)

P062 Opening science: transformations of academic knowledge production and dissemination

Traditional Open Panel

Convenors: Quentin Dufour (ENS-EHESS); Didier Tornay (CNRS)

NU-3B19: Wed 17 Jul 09:00-10:30, 11:00-12:30

The social innovation character of implementing open and responsible digital research documentation in biomedical sciences

Sarah Berndt; Ina Frenzel (Berlin Institute of Health (BIH) Charité); Annie Pham; Philipp Pohlenz (Otto-von-Guericke-University Magdeburg); Daniela Schirmer; Sarah Wendt (Facultad Latinoamericana de Ciencias Sociales Argentina); Christiane Wetzel (Berlin Institute of Health at Charité - Universitätsmedizin Berlin)

Domesticating infrastructure – multiplying FAIR

Rasmus Kvaal Wardemann (Research Platform Governance of Digital Practices)

Data preservation for open science: a decadal analysis of NSF-funded data management plans

Amelia Acker (The University of Texas at Austin); Megan Finn (American University); Yubing Tian

Improving longitudinal data infrastructures in Italy

Paolo Landri (IRPPS); Nicolò Marchesini (National Research Council of Italy (CNR)); Rocco Paolillo; Mario Paolucci; Claudia Pennacchiotti (Italian National Research Council); Iliaria Primerano (CNR-IRPPS); Luciana Taddei (National Research Council - Institute for Research on Population and Social Policies); Francesco Visconti (CNR)

P105 Waves: environment, excess, transformation

Traditional Open Panel

Convenors: Ignacio Farias (Humboldt University of Berlin); Stefan Helmreich (Massachusetts Institute of Technology)

HG-06A00: Wed 17 Jul 09:00-10:30, 11:00-12:30

Winds and waves: the controversial framings of wind turbine noise

Daniel Nordstrand Frantzen (Technical University of Denmark)

Critical heat: thinking with thermal energy, the case of heat stress

Elsbeth Oppermann

Moving with shade and cooling. Ethnographing in the waves of sun radiation and heat.

Elisabeth Luggauer (Humboldt University Berlin)

Simulating marine heatwaves in the Finnish Baltic Sea: enacting the world's future oceans through scientific scuba diving and in-situ underwater experiments

Francesco Colona (Leiden University)

P120 The city as controlled environment - bringing together STS perspectives on urban transformations

Traditional Open Panel

Convenors: Sophia Knopf (School of Social Sciences and Technology, TU Munich); Devika Prakash (KTH Royal Institute of Technology, Stockholm)

Chair: Manuel Jung (Technical University of Munich)

HG-15A16: Wed 17 Jul 09:00-10:30, 11:00-12:30

Openness as smartness?: Evolution of sociotechnical imaginaries of open data initiative and smart city in the republic of Korea

Andreas Lösch (Karlsruhe Institute of Technology); SaeBom Song (Karlsruhe Institute of Technology (KIT))

Curation, compliance, consolidation: mechanisms of control in creative urban districts

Nadine Osbild (TU Munich)

Controlling for the sustainability of the compact city. A co-agency perspective on the tensions of densification

Sebastian Bornschlegl (University of Stuttgart); Cordula Kropp (University of Stuttgart)

From danwei to grid: towards a platformized grassroots governance and an experimental urban space

Fangyu Qing (The Chinese University of Hong Kong)

P129 Transforming pharmaceutical innovation

Traditional Open Panel

Convenors: Wouter Boon (Utrecht University); Rob Hagendijk (Universiteit van Amsterdam); Eva Hilberg (University of Sheffield); Hadewych Honné (University of Edinburgh - KU Leuven); Tineke Kleinhout-Vliek (University College Dublin); Paul Martin (University of Sheffield); Sarah Wadmann (The Danish Center for Social Science Research)

HG-06A33: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Towards a circular drug repurposing economy

Andy Bartlett (University of Sheffield); Paul Martin (University of Sheffield); Sarah Wadmann (The Danish Center for Social Science Research)

What do 'local' biosimilars mean? Exploring Brazil's international partnerships in biopharmaceutical production
Marilena Correa (State University of Rio de Janeiro); Nils Graber (University of Lausanne, Switzerland); Yves-Marie Rault-Chodankar (Paris 1 Panthéon-Sorbonne)

Transforming the antibiotics innovation system: from 'anti-biotic arms race' towards more sustainable 'eu-biotic' approaches?

Christian Haddad (University of Vienna)

When needed for as long as is needed: patient organisations' framing of the issues at stake in reimbursement processes for orphan medicines

Hadewych Honné (University of Edinburgh - KU Leuven)

P186 Exploring challenges and pathways in city-region food system transformation: action research, researcher reflexivity and experiential case studies

Combined Format Open Panel

Convenors: Einar Braathen (OsloMet - Oslo Metropolitan University); Baha Kuban (Demir Enerji); Jonathan Luger (Athena Institute); Lara Mauch (VU Amsterdam); Ana Ramirez Santos (Leitat Technological Center); Marjoleine van der Meij; David Wilde (Leitat Technological Center); Cristina Yacoub López (Leitat)

HG-10A00: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30

Exploring (dis)connections in agri-food systems and research

Bep Schrammeijer (Athena Institute)

Harvesting systemic insights on how to involve society (consumers) in food transition endeavors: the case of allotment gardeners

Camilla Bodewes (Athena Institute)

A practice of co-creating an agri-food governance assessment framework

Pia Laborgne (KIT-ITAS); Aylin Topal (Middle east technical university)

Hasanaga food hub: a win-win for all

ZERRIN GULES (Nilufer Municipality); MEHMET CAN YILMAZ (Nilufer Municipality)

A Copernican revolution: the 10 "Es" of our effective multi-stakeholder Living Lab. The power of the 9th "E". And the Utopia of the 10th one

Patricia Hernandez Lelli (Risorse per Roma SpA); Elisabetta Luzzi (Risorse per Roma SpA)

P217 Soil transformations: Theories and practices of soils in the Anthropocene

Traditional Open Panel

Convenors: Germain Meulemans (Centre Alexandre Koyré); Ursula Münster (University of Oslo)

HG-12A33: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30

Solace for the soil: a multimodal ethnography

Daniela Rodrigues (IDEAS - Aix Marseille Université)

Toxic land, fertile land: filming people-soil relationships in the French periphery

Mariana Rios Sandoval (Wageningen University)

Glocal worm-ing: earthworms as active agents to transform the web of place-based human-soil relations and ecologies

Merve Bektas (Free University of Bozen-Bolzano); Elisabeth Tauber (Free University Bolzano)

A tiny forest as an intermediary object? Understanding and doing soil through a collective creation project in a urban and academic setting

Sofia Bento (University of Lisbon); Oriana Rainho Brás (Universidade de Lisboa)

Specifying the lively ground: soil transformation by design?

Luke Harris (ETH Zurich)

P273 "More than genetics": doing resemblance, social connection, intimacy, and kinship

Traditional Open Panel

Convenors: Roos Metselaar (University of Amsterdam); Tessa Moll (University of the Witwatersrand); Andrea Whittaker (Monash University)

HG-05A24: Wed 17 Jul 09:00-10:30, 11:00-12:30

Genetic ancestry testing and Indigenous identification in Australia

Emma Kowal (Deakin University)

Albinism beyond genetics: kinship, personhood, and bodily knowledge in Tanzania

Jane Saffitz (Denison University)

Panda protection: kinship measurements in biodiversity conservation projects

Christof Lammer (Humboldt University of Berlin and University of Klagenfurt)

Revisiting kinship troubles in the time of DNA surprises

Ayo Wahlberg (University of Copenhagen)

P279 Making and transforming outer space with/through artistic interventions: alternative languages and narratives for (inter)planetary relations

Combined Format Open Panel

Convenors: Anne Johnson (Unviersidad Iberoamericana); Juan Francisco Salazar (Western Sydney University); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

Chairs: Lauren Reid (Freie Universitaet, Berlin); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

Discussants: Lauren Reid (Freie Universitaet, Berlin); Zinaida Vasilyeva (Museum für Naturkunde (MfN) Berlin)

NU-4B47: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

People will miss the Earth

Elisa Strinna

Cosmoimaginaries - creative practice and readiness in the search for extraterrestrial intelligence (SETI)

Kate Genevieve

Cosmos, or a chronicle of life's incredible order, complexity, and remarkable struggle against entropy and resistance of decay

Kailum Graves

P284 Making samples, doing science: transforming data and matter across landscapes and labsapes

Traditional Open Panel

Convenors: Valentina Marcheselli (Cà Foscari - University of Venice); Victor Secco (Ca' Foscari University of Venice)

HG-07A36: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Mangling samples, doing science? Creative sample manipulation in ethnographic fieldwork

Anne Dippel (Friedrich-Schiller-Universität Jena); Alastair Mackie

Embodied practice and symbiont: a study in an electron microscopy laboratory

Chenyue Pan (Tsinghua University)

Fixed futures: The irreversibility of deep sea mining

Matthijs Mouthaan (Utrecht University, Copernicus Institute of Sustainable Development); Laura Piscicelli (Utrecht University);

Taneli Vaskelainen (University of Helsinki)

Human-induced seismicity in a French gas field: monitoring and enactment of the underground

Xavier Arnaud de Sartre (CNRS, France); Baptiste Gonella (University of Pau and Pays de l'Adour (France)); Guy Sénéchal

(University of Pau)

P307 Transdisciplinary sensibilities in investigating nuclear research and innovation

Combined Format Open Panel

Convenors: Robbe Geysmans (SCK CEN); Susan Molyneux-Hodgson (University of Exeter)

NU-3B07: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Making and doing session on transdisciplinarity in nuclear research and policy advice

Gaston Meskens (SCK CEN, the Belgian Nuclear Research Centre)

P333 Knowledge of HIV/AIDS in STS: archives, science, and participation

Traditional Open Panel

Convenors: Marika Cifor (University of Washington); Stephen Mollrem (University of Texas Medical Branch); David Ribes

(University of Washington); Andrew Spieldenner (California State University San Marcos)

HG-14A00: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Materialist Virology: Racial Capitalism and Queer and Trans of Color Critique

Jih-Fei Cheng (Scripps College)

“Ticking Bombs, Extravagant Queers, and Murderous Tourists”: The Ideological Construction of the HIV/AIDS Epidemic in Turkish Newspapers

Tankut Atuk (Rensselaer Polytechnic Institute)

A Sanguine Governmentality: Datafication, Unrealistic Targets, and Efforts to End the HIV/AIDS Epidemic in the United States

Stephen Mollrem (University of Texas Medical Branch)

P334 The work of collaboration

Combined Format Open Panel

Convenors: Amiel Bize (Cornell University); Katharina Schramm (University of Bayreuth)

NU-4B11: **Wed 17 Jul 11:00-12:30**

Thinking Through Collaboration: A Dialogue

Amiel Bize (Cornell University); Katharina Schramm (University of Bayreuth)

Navigating Community – University collaborative imaginaries in research capability-building with third sector partners.

Tamara Mulherin (Newcastle Business School, Northumbria University); Sebastian Prost (Northumbria University); Rob Wilson (Northumbria University)

Collaborative Research of Public Health in Croatia and Serbia

Jelena Kupsjak (University of Zadar); Ljiljana Pantovic (Institute for Philosophy and Social Theory, University of Belgrade)

'Siting the un-sitable. Troubling contamination and atmospheric connections across two remote field sites'

Vasundhara Bhojvaid (Shiv Nadar University)

“Comparing notes”: towards a strategy of Collaboratory research/ writing

Sofia Hnezla (University of St. Andrews)

P345 Calculating migration

Traditional Open Panel

Convenors: Stoyanka Andreeva Eneva (Linköping University); Karin Krifors (REMESO Ethnic and Migration Studies); Fredy Mora Gamez (University of Vienna); Silvan Pollozek (European University Viadrina Frankfurt (Oder))

HG-02A36: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Interrogating and contesting technocolonial rationalities of calculatory truth-making practices within systems of Rohingya refugee governance

Yasmynn Chowdhury (University of Oxford)

Refugee matching in the making: ongoing collective experiments in refugee resettlement

Jasper van der Kist (University of Antwerp)

Exploring the calculation paradigm in border management ideologies through regimes of worth

Paul Trauttmansdorff (European University Viadrina)

P346 STS and post-growth futures: a place for critical perspectives on societal change

Combined Format Open Panel

Convenors: Mads Dahl Gjesfen (NTNU Social Research); Marius Korsnes (Norwegian University of Science and Technology); Marianne Ryghaug (Norwegian Univ. of Science and Technology)

NU-4A67: **Wed 17 Jul 11:00-12:30**

Reading for difference across food, mobility and housing: a community economies approach to sustainable consumption-production relationships

Line Kryger Aagaard (Aalborg University)

Interstitial futures: post-growth possibilities for another world

Emil André Røyrvik (Norwegian University of Science and Technology (NTNU))

Geopolitics of post-growth

Richard Wouters (Green European Foundation)

Domesticating the future: how to decide between gigaprojects and incremental change through degrowth, or do we need both?

Trond Arne Undheim (Stanford University)

Ecological delinking. Degrowing key industries in the global north: the case of automobility

Giulio Nizzo (University of Turin)

P351 Transforming methods for digital research

Combined Format Open Panel

Convenors: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); Mélanie Millette (Université du Québec à Montréal (UQAM)); David Myles (Institut national de la recherche scientifique)

Chairs: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); David Myles (Institut national de la recherche scientifique)

NU-3A06: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30**

Between creative labour and sex work: mobilizing glitter as feminist speculative methodology

Mary Elizabeth Luka (University of Toronto); Mélanie Millette (Université du Québec à Montréal (UQAM))

Collaborating with algorithms: affects and emotions in everyday social media encounters

Sarah Healy (The University of Melbourne); Annamária Neag (University of Groningen)

Visualizing multiple ‘usage trajectories’ of AI-based health technologies before real-world implementation: the role of the story completion method

Grosjean Sylvie (University of Ottawa)

Cartographic analysis method for thick corpora

Jean-Claude Domenget (University of Franche-Comté); Desfriches Doria Orélie (Université Paris 8)

P360 Sociotechnical dimensions of explainable and transparent artificial intelligence

Traditional Open Panel

Convenors: João Fernando Ferreira Gonçalves (Erasmus University Rotterdam); Jason Pridmore (Erasmus University)

Agora 2, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Transparency Tinkering and Causality Quests: Dealing with opacities of medical AI

Charlotte Högberg (Lund University)

Going beyond explainable AI: explaining machine learning practices in organizations

Marisela Gutierrez Lopez (University of Bristol); Susan Halford (University of Bristol)

Negotiating Explainability in the Development of Sociotechnical Intelligence: An ethnographic study of the creation of AI for healthcare

Megan Clinch (QMUL); Duncan Reynolds (Queen Mary, University of London); Deborah Swinglehurst (Queen Mary University of London)

Black(box) Mirror: Amplifying reflexive development practices for trustworthy Artificial Intelligence

João Fernando Ferreira Gonçalves (Erasmus University Rotterdam); Tessa Oomen (Erasmus University Rotterdam - ESHCC); Selma Toktas (Erasmus School of History, Culture and Communication)

Transparency in translation: an ethnographic study on diversity and bias in AI media systems

Daniella Pauly Jensen (Maastricht University)

P384 STS sensibilities in the pedagogies for the built environment

Combined Format Open Panel

Convenors: Demetra Kourri (Manchester Metropolitan University); Fadi Shayya (University of Salford)

Chair: Demetra Kourri (Manchester Metropolitan University)

HG-02A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Performing STS epistemologies in the architectural atelier

Valeria Federighi (Politecnico di Torino); Camilla Forina (Politecnico di Torino); Tommaso Listo (Politecnico di Torino)

Beyond already-exhausted perspectives and fetishizations of the architectural object: the teaching practice ‘plural realities’

Jennifer Raum (Bauhaus-University Weimar)

P391 Craft, well-being, self-management and the construction of alternative worlds

Traditional Open Panel

Convenors: Sandra Patricia Gonzalez-Santos (Independent Researcher); Leandro Rodriguez-Medina (Universidad Alberto Hurtado)

NU-2B05: **Wed 17 Jul 11:00-12:30**

Ujamaa Mtandaoni

Sarah Wandia (Massachusetts Institute of Technology)

Solidarity, diversity, skill and scale: comparing food procurement assemblages in Europe

Cristina Grasseni (University of Leiden)

Collectively exploring food-systems as opportunities for improving biosocial and ecological wellbeing

Sandra Patricia Gonzalez-Santos (Independent Researcher)

P394 Biometrics and their calculative logics

Traditional Open Panel

Convenors: Ranjit Singh (Data Society Research Institute); Michelle Spector (MIT College of Computing)

NU-4A25: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Intermediaries as infrastructure: interrogating the phatic labor of state-building

Ranjit Singh (Data Society Research Institute)

(Geo)politics of biometric technologies - border control and the making of data citizens in Africa

Carolina Polito (LUISS Guido Carli University)

Surveillance in the sunshine state: cops, corporations, and the making of data fusion centers

Gavriel Cutipa-Zorn (University of Pennsylvania)

New risks and old forewarnings? The Swedish case of logics and risks in biometric interoperability

Anna Bredstrom (Linköping University); Karin Krifors (REMESO Ethnic and Migration Studies)

Biometrics and ethics in law enforcement

Charles Raab (University of Edinburgh)

P395 Digital statecraft

Traditional Open Panel

Convenor: Julia Valeska Schröder (Humboldt University Berlin)

NU-3A57: **Wed 17 Jul 09:00-10:30, 11:00-12:30**

Imaging the justice system of the future: a study on the digitalization of the Danish courts

Luna Secher Rasmussen (IT University of Copenhagen)

What is the alternative? The persistent trouble of enabling and auditing the ‘digital transformation’ of the Norwegian police

Hilde Reinertsen (University of Oslo); Gro Skorpen (University of Oslo)

The becoming of a social democratic digital governance – issue-making in expert inquiries in 1970s Norway

Torjus Solheim Eckhoff (University of Oslo)

R473 Palestine and Reproductive Justice in and with STS

Roundtable

Convenors: Michal Nahman (University of the West of England); Siggie Vertommen (University of Amsterdam)

Discussants: Samer Alatout (University of Winsconsin-Madison); Elif Gül (University of Vienna); Zaina Mahmoud (University of Liverpool); Fatimah Mohamied

Agora 5, main building: **Wed 17 Jul 11:00-12:30**

12:00-14:00

Lunch

12:45-13:45

Lunchtime activities

East Asian Science Technology and Society journal editorial meeting

HG-02A36

Meet the editorial team of Science, Technology, & Human Values!

HG-08A33

Feminists In Science and Technology Studies (FiSTS) Research Community Meet-up

HG-15A33

Forging Connections: Middle East STS Meet-Up

HG-07A32

Meet-Up for National STS Associations

Auditorium, main building

Book launch "Transdisciplinary Research, Sustainability and Social Transformation" by Tom Dedeurwaerdere, Routledge

HG-05A33

Book launch: "At the End of Property: Patents, Plants and the Crisis of Propertization" by Veit Braun

HG-13A33: N.B. 12:15-13:35

13:30-15:00

EASST AGM

HG-KC07

15:00-16:00

Coffee/tea break

15:30-17:00

Author-meets-critics session for 4S Fleck Prize

Theater 1, NU building

Chair: Warwick Anderson (The University of Sydney)

Author: Shannon Cram (University of Washington Bothell)

Critics: Vivian Choi (St. Olaf College), Emily Yates Doerr (Oregon State University), and Michal Nahman (University of the West of England)

Fleck Prize: Shannon Cram (University of Washington Bothell), *Unmaking the Bomb: Environmental Cleanup and the Politics of Impossibility*

15:30-17:00

Session 6a

CP428 Inter-Asian techno-capitalisms: models, networks, and futures

Closed Panel

Convenors: Emily Chua (National University of Singapore); Canay Ozden-Schilling (National University of Singapore)

Discussants: Emily Chua (National University of Singapore); Canay Ozden-Schilling (National University of Singapore)

NU-2B17: **Wed 17 Jul 15:30-17:00**

Mythologies of wealth in the platform economy: the case of Didi in China

Jack Linzhou Xing (Georgia Institute of Technology)

The body of technocapitalism in Japan: ambient infrastructures, and human-technology affinity

Grant Otsuki (University of Tokyo)

Labor as optimal subject: digital platforms and techno-politics in China

Ke Li (National University of Singapore)

Deliver love from afar: constructing online florists in desingularizing bouquets

Chongyun XIE (École normale supérieure Paris-Saclay)

P001 Innovation discontinuities

Traditional Open Panel

Convenor: *Cornelius Schubert (TU Dortmund)*

HG-08A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

The public sector's new knowledge: narrating the life of knowledge in public innovation labs

Lucy van Eck (Erasmus University)

Social innovate yourself - how to exploit social innovation for social criticism?

Peter Kahlert (European New School of Digital Studies (European University Viadrina))

Gendered user innovations in home energy management

Jouni K Juntunen (University of Vaasa, School of technology and innovations); Sanna Tuomela (University of Vaasa, University of Oulu)

P003 Outer space: imaginaries, infrastructures and interventions

Combined Format Open Panel

Convenors: *Nina Klimburg-Witjes (University of Vienna); Joseph Popper (University of Vienna); Matjaz Vidmar (University of Edinburgh)*

Discussants: *Eleanor Armstrong (Stockholm University); David Jeevendrampillai; Nina Klimburg-Witjes (University of Vienna); Richard Tutton (University of York)*

Auditorium, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 09:00-10:30**

The figuring of subjectivity in the cosmos: art and aesthetics of utopic projection

Lila Lee-Morrison (Lund University)

On multiplanetary life and terrestrial ruin: SpaceX and the anticipatory politics of colonising Mars

Niall Docherty (University of Sheffield); David Young (King's College London)

One small step for everybody else: space exploration as a tool for conceptualizing future space imaginaries and infrastructures

Caity Roe (Arizona State University)

The folly and the spaceport

Zsuzsanna Dominika Ihar (University of Cambridge)

P013 Social innovation: forms, evidence, and perspectives

Traditional Open Panel

Convenor: *José Francisco Romero-Muñoz (Benémerita Universidad Autónoma de Puebla)*

HG-15A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Exploring dynamics in the co-production of a social innovation for refugee accommodations in Germany

Sifka Eilar Frederiksen (German Centre for Integration and Migration Research (DeZIM))

The Transformative Potentials of Social Innovation: From anthropocentrism to social-material shifts

Flor Avelino (Utrecht University); Bonno Pel (Utrecht University); Julia Wittmayer (Erasmus University Rotterdam)

The future of electric vehicle transition in the Phoenix metropolitan area

Yasmin Afshar (Arizona State University)

Data altruism as social innovation: what does this lens afford us?

Dwayne Ansah (Utrecht University)

P020 Making and doing data in the Global South: prospects for environmental health action

Traditional Open Panel

Convenors: *Khadim MBOW (Paris City university); Celia Mir-Alvarez (Université Paris Cité); Justyna Moizard-Lanvin (Université Paris Cité)*

HG-02A37: **Wed 17 Jul 15:30-17:00**

Examining air quality surveillance in global south cities: policies and networks fragmentation in Pune, India

Madhura Joglekar (Indian Institute of Science Education and Research); Bertrand Lefebvre (French Institute of Pondicherry); Eva Pilot (Maastricht University); Vera Verheijen (Maastricht University)

Enclosed insights: interrogating air quality monitoring infrastructure in the Global South

Celia Mir-Alvarez (Université Paris Cité)

Digital nature at the end of the world: environmental data, digital restoration platforms, and conservation initiatives in Chilean Patagonia

Felipe Araneda Ávila (University of Cambridge)

Air, water, soil and the genome: reimagining a sustainable future with environmental epigenetics

Veena Vijayan A. V. (Jawaharlal Nehru University)

P025 Engaging society as climate science

Combined Format Open Panel

Convenors: *Jaron Harambam (University of Amsterdam); Willemine Willems (VU)*

HG-14A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Bridging the gap: cultural anthropological perspectives on climate knowledge, action and consciousness

Valeska Flor (University of Tübingen)

Whose role is it anyway? Using the citizen assembly method as a way to connect citizens and researchers in climate science

Esther de Weger (Vrije Universiteit); Eline Ramaaker (Vrije Universiteit Amsterdam)

Higher education amidst the climate crisis: exploring a practice of hope

Kelly Streekstra (Urban Futures Studio, Copernicus institute for sustainable development)

The Sociology of Climate Resilient Agriculture: A Study of Rice Varieties in Assam

Barnali Rout (Indian Institute of Technology, Guwahati)

P055 Making 5G Matter: Transformations In Network Infrastructure And Research

Combined Format Open Panel

Convenors: Rory Sharp (York University); Adrien Tournier (CNAM-HT2S)

Chairs: Rory Sharp (York University); Niels ten Oever (University of Amsterdam); Adrien Tournier (CNAM-HT2S)

HG-06A32: **Wed 17 Jul 15:30-17:00**

Into the antenna forest: a recent history of saturation activism in Chile

Natalia Orrego Tapia (Pontificia Universidad Católica de Chile)

The alliance between 5G networks and Artificial Intelligence systems, a critical perspective

Diego Vicentin (Universidade Estadual de Campinas - UNICAMP)

A network waiting for a killer-app, techno-scientific promises and mobile infrastructures

Adrien Tournier (CNAM-HT2S)

Rip and Replace: 5G small cell networks, urban planning, and the geopolitical crisis of foreign surveillance

Harrison Smith (University of Sheffield)

Implementation: a contested space between 5G standardisation and deployment

Maxigas . (critical infrastructure lab)

P068 Chrysalis: creative forms towards collaboration

Combined Format Open Panel

Convenors: Dana Burton (New York University); Shweta Krishnan (George Washington University)

Discussants: Dana Burton (New York University); Shweta Krishnan (George Washington University)

Agora 5, main building: **Wed 17 Jul 15:30-17:00**

A mosaic of methods to represent a “mosaic of development”: the case of Mankweng, South Africa

Sandra Zaroufis (University of Amsterdam)

Weaving narratives: transforming ethnography through textile-based research-creation

Jessie Stainton (Concordia University)

Collaborating with our environments: more-than-human karaoke

Gloria Lauterbach (NODUS Sustainable Design Research Group, Aalto University)

No water comes without its world: a speculative conversation

Carolina Cuevas Parra (Wageningen University); Jimena German Blanco (University of Granada (Spain))

Making friends with darkness - designing Choreographic Encounters with more-than-human

Satu Aavanranta

P070 Queering STS: transforming theories, methods, and practices

Traditional Open Panel

Convenors: Chase Ledin (The University of Edinburgh); Simon Lock (UCL); Ben Weil (The Love TankPrEPster)

Chairs: Chase Ledin (The University of Edinburgh); Simon Lock (UCL)

HG-11A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Thinking with HIV in pandemic times: a queer, diffractive reading of COVID-19 and mpox

Dean Murphy (La Trobe University); Kiran Pienaar (Deakin University)

Queering autism

Eva Theunissen (Masaryk University)

Anti-disciplinary practices toward a queer/trans evolutionary biology

Ashton Wesner (Colby College)

P080 Social exclusion in the digital age - exploring inequities in the utilisation and accessibility of eHealth technologies

Traditional Open Panel

Convenors: Jessica Coetzer (Athena Institute); Nicole Goedhart (Amsterdam UMC); Trust Saidi (Vrije University Amsterdam)

HG-11A22: **Wed 17 Jul 15:30-17:00**

Digital inequalities in maternal care: exploring e-health disparities in Zambia

Min'enhle Ncube (University of Cape Town)

The paradoxes and politics of inclusive digital care: a systems approach to transforming eHealth policy in the Netherlands
Jessica Coetzer (Athena Institute); Christine Dedding (AmsterdamUMC); Nicole Goedhart (Amsterdam UMC); Tjerk Jan Schuitemaker-Warnaar (UvA)

From receptionist to self-check-in: how self-check-in-kiosks shape access to care and efficiency of hospital services
Christine Dedding (AmsterdamUMC); Nicole Goedhart (Amsterdam UMC); Ibrahim Loukili (Amsterdam UMC); Teun Zuiderent-Jerak (VU Amsterdam)

Iconic misunderstandings, how implicit skills invibilise the complexities of digital communication and contributes to reproductive injustice: an ethnographic study
Patricia Perrenoud (HESAV)

Networked Care: Unveiling the Dynamics of REACT-NOR as a boundary object that addresses social exclusion
Trust Saidi (Vrije University Amsterdam)

P093 (Re)Making AI through STS

Traditional Open Panel

Convenors: Simone Arnaldi (University of Trieste); Francesco Miele (University of Trieste); Stefania Milan (University of Amsterdam)

HG-05A00: Wed 17 Jul 08:30-10:00, 15:30-17:00, Thu 18 Jul 08:30-10:00, 10:30-12:00

Abstracting to 'see' the particularities: visualisation tools as techniques of knowing AI systems in the making
Anna Schjøtt Hansen (University of Amsterdam)

Voice cloning, identity theft and the 'in the wild' appropriation of artificial intelligence in the music sector
Paolo Magaudda (University of Padova)

Reframing the use of Generative AI systems in cultural production: an exploratory study of the co-construction of users and technology in Italian cultural industries
Sergio Minniti (Politecnico di Torino)

Learning amidst AI: (re)making Czech higher education with LLMs
Martin Dolský (Charles University)

P099 Transforming insurance with the new datafication of uncertainty

Traditional Open Panel

Convenors: Turo-Kimmo Lehtonen (Tampere University); Maiju Tanninen

Discussants: Gert Meyers; Tamar Sharon (Radboud University)

HG-11A24: Wed 17 Jul 15:30-17:00

Shifting solidarities: insights from policyholders' experiences with self-tracking in health insurance
Bastien Presset (King's College London); Maiju Tanninen

A knowledge dilemma: loan insurance for cancer survivors
Renaud Debailly (Sorbonne University); Hugo Jeanningros (Université de technologie de Troyes)

Datafication's reach: shifting the risk of care via quality metrics
Linda Huber (University of Michigan)

AI risk assessments in insurance: how professional morals shape classification systems of markets
Alexander Gamedinger (Copenhagen Business School)

Environmental data as an infrastructural problematic in climate risk insurance
Olli Hasu (Tampere University)

P123 Martial epistemologies, artificial intelligence and machineries of knowledge production

Traditional Open Panel

Convenors: Lilly Muller (Cornell University); Erik Reichborn-Kjennerud (Norwegian Institute of International Affairs (NUPI))

Chair: Jutta Weber (University Paderborn)

Discussant: Jutta Weber (University Paderborn)

NU-4A45: Wed 17 Jul 15:30-17:00

Knowing with algorithms: how algorithmic technologies reshape (un)certainities of military decision-making
Klaudia Klonowska (Asser Institute)

Contested imaginary of AI and the techno-politics of cybersecurity
Lilly Muller (Cornell University)

Courses of action in an age of generative machines
Erik Reichborn-Kjennerud (Norwegian Institute of International Affairs (NUPI)); Lucy Suchman (Lancaster University)

Signal, interface, security: rethinking the distinctions between old and new (security) media
Clare Stevens (Cardiff University)

P130 The 'kit economy' and the co-production of technology. From theory to practice.

Combined Format Open Panel

Convenors: Aurélien Béranger (Costech Lab, Université de Technologie de Compiègne); David Flacher; Sebastien Shulz (IFRIS, Université Paris-Est)

HG-09A24: Wed 17 Jul 15:30-17:00

Technological co-production, user roles and transformative perspectives: developing a typology of the kit economy

Aurélien Béranger (Costech Lab, Université de Technologie de Compiègne); Sebastien Shulz (IFRIS, Université Paris-Est)

InMachines: local co-production of technology inside the Fab City

Solène Tixadou (Le Mans University (France))

Infrastructuring public engagement with near-future technologies through prototyping kits – the case of Wijkbots

Tomasz Jaskiewicz (Rotterdam University of Applied Sciences); Iskander Smit (Cities of Things foundation); Peter Troxler (Rotterdam University of Applied Sciences)

Design futures and AI in the medical 'kit economy': from biosensors to human hepatic organoids

Emile Devereaux (University of Sussex); michael duncan (singularitynet foundation)

P140 Politics of ruination? Deteriorating but operating infrastructures in the global North

Traditional Open Panel

Convenors: Pierre Delvenne (University of Liège); Martin Denoun (University of Liège, Spiral); Céline Parotte (University of Liège)

NU-6A25: Wed 17 Jul 15:30-17:00

Ruination of past and present: how coal mining is ruined into wilderness

Eva Kotaskova (Masaryk University)

A matter of times. Exploring the entangled timelines of nuclear infrastructures decommissioning through the Belgian Reactor 3

Sacha Frenay (ULiège)

Security leftovers: the afterlives of objects, sites, and expertise

Dagmar Vorlicek (University of Vienna)

Grasping infrastructure through microcracks. The stress corrosion case in French nuclear reactors as a nuclear material politics

Pierre Delvenne (University of Liège); Martin Denoun (University of Liège, Spiral); Céline Parotte (University of Liège)

Building and repairing infrastructures of care with welfare debris. Organizing care for Amsterdam's housing ruins

Luca Hopman (Utrecht University); Marguerite van den Berg (Utrecht University)

P145 Scientific cultures in conflict and transition: studying reform in action

Traditional Open Panel

Convenors: Nicole Nelson (University of Wisconsin Madison); Bart Penders (RWTH Aachen and Maastricht University); Alex Rushforth (Leiden University)

Theater 3, NU building: Wed 17 Jul 15:30-17:00, Thu 18 Jul 09:00-10:30

Reformer un/becoming: how did a gutsy (ガチ, Gachi) discussion for science reform play out parallel to the STAP cell replication experiment, to whose benefit (cui bono?), to whose harm (cui malo)?

Melpomeni Antonakaki (Technical University of Munich)

The reasoning behind open science activism – how the community evolving around replication science and meta research justifies their actions

Sheena Bartscherer (Robert K. Merton Center for Science Studies)

Tipping the scales towards collective forms of scientific work

Nicole Nelson (University of Wisconsin Madison)

Exploring the rise of 'research culture work' in UK academia

Annika Klæmintsdóttir Olsen (University of Copenhagen); Louise Whiteley (University of Copenhagen)

P150 Countering the centres of carbonisation

Traditional Open Panel

Convenors: Amanda Obitz Mogensen (Technical University of Denmark); Caroline Anna Salling (University of Copenhagen)
Discussant: Christopher Gad (IT-University of Copenhagen)

HG-02A24: Wed 17 Jul 15:30-17:00

Devising carbonisation through exclusion and non-exclusion in the Danish pension sector

Amanda Obitz Mogensen (Technical University of Denmark)

Zero emission, zero compromises: charging and (em)powering residueless masculinities through Tesla's electric batteries

Matteo Vivi (University of Vienna)

The centres of carbonization within the research public sector: navigating the power dynamics

Hardy Antoine (Centre Emile-Durkheim)

Knowledge production in the Norwegian oil and gas sector. Preliminary findings from the GreenBlack project

William Throndsen (Norwegian University of Science and Technology)

P179 Expert knowledge in times of transformation

Traditional Open Panel

Convenors: *Silke Beck (TUM); David Demortain (LISIS - Laboratoire Interdisciplinaire Sciences Innovations Sociétés, France); Fiona Kinniburgh (Technical University of Munich)*
Chair: *Bastien Soutjis (Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS))*
HG-13A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Expertise and resilience: cost benefit analysis as political practice in coastal resiliency
Katinka Wijsman (Utrecht University)

Unpacking methodological and epistemological debates in evaluating food's environmental impact: investigating the EcoBalyse/PlanetScore controversy
Chancé Quentin (UMR Droit et Changement Social - Nantes' University)

Institutional pluralism, monistic methods? Economic expertise and socio-ecological transformations
Laurine Lièvreumont (École normale supérieure (PSL)); Théo Régnez (Paris-Dauphine University (PSL))

P191 Exploring Anticipatory Governance

Traditional Open Panel

Convenors: *Nils Matzner (Technical University Munich); Ina Möller (Wageningen University and Research)*
Chair: *Nils Matzner (Technical University Munich)*
Discussant: *Ina Möller (Wageningen University and Research)*
NU-2B11: **Wed 17 Jul 10:30-12:00, 15:30-17:00**

Anticipatory governance to advance sustainable innovations and societal transformations: opportunities, challenges, and limitations
Daniel Barben (University of Klagenfurt)

The rise of ethical tech jobs as opportunity and challenge for anticipatory governance of digital and algorithmic innovation
Deb Donig (Cal Poly); Matthew Harsh (California Polytechnic State University); Martine Lappe (California Polytechnic State University, San Luis Obispo); Kylie Parrotta (California Polytechnic State University- San Luis Obispo)

Future-oriented governance: investigating the interface between AI and synthetic biology
Huayu Xin (The University of Edinburgh, Zhejiang University)

P202 Towards the 'digital good'?

Traditional Open Panel

Convenors: *Helen Kennedy (University of Sheffield); Gina Neff (University of Cambridge); Ros Williams (University of Sheffield)*
HG-05A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Data advocacy for home care workers: “good” for whom? When? How?
Joy Ming (Cornell University)

All well and good: a retrospective on the quest to do “good” with data
Dharma Dailey (University of Washington); Anissa Tanweer (University of Washington)

Immersive virtual reality as a catalyst for social justice in U.K. secondary classrooms
Carly Waterhouse (Leeds Beckett University)

Towards a ‘good’ digital democracy: possibilities and challenges in 'opening up' the UK Parliament through e-petition platforms

Lauren Martin (University of Sheffield)

P205 Reimagining STS & academic work: challenges, transformations, and alternative futures

Combined Format Open Panel

Convenors: *Vivian Anette Lagesen (Norwegian University of Science and Technology); Kyriaki Papageorgiou (Norwegian University of Science and Technology); Knut H Sørensen (NTNU Norwegian Univ. of Science and Technology); Sharon Traweek (University of California, Los Angeles UCLA)*
HG-08A20: **Wed 17 Jul 10:30-12:00, 15:30-17:00**

The machineries of pessimism. How universities produce a gloomy outlook

Helen Jøsok Gansmo (NTNU); Vivian Anette Lagesen (Norwegian University of Science and Technology); Knut H Sørensen (NTNU Norwegian Univ. of Science and Technology)

Back to the future? Reimagining academia amidst global challenges and the AI revolution
Kyriaki Papageorgiou (Norwegian University of Science and Technology)

P232 Spotighting STEM education: critical approaches to society, science, and learning

Combined Format Open Panel

Convenors: *Anna Danielsson (Stockholm University); Johanna Larsson (Mälardalen University)*
HG-09A32: **Wed 17 Jul 10:30-12:00, 15:30-17:00**

Navigating knowledge in postdigital science education: epistemic brokering in technoscientific contexts
Eun-Ji Amy Kim (Griffith University); Sara Tolbert (University of Canterbury)

The spatial dimension and mechanisms of exclusion in practical work: forms of participation and the predicament of tacit knowledge in fieldwork and lab-based teaching

Rie Malm (University of Copenhagen); Marie Larsen Ryberg (University of Copenhagen)

(De)constructing normative educational models through model-making as steam education

Allison J Gonsalves (McGill University); Emily Diane Sprowls (McGill University)

P261 Transforming data practices in the humanities: virtual research environments revisited

Traditional Open Panel

Convenors: Leman Çelik (Ruhr University Bochum); Mace Ojala (Ruhr University Bochum); Fabian Pittroff (Ruhr University Bochum)

Chairs: Leman Çelik (Ruhr University Bochum); Mace Ojala (Ruhr University Bochum); Fabian Pittroff (Ruhr University Bochum)
NU-4B43: **Wed 17 Jul 15:30-17:00**

Social media platforms as virtual research environments? On the transformation of data practices within the research of online communities

Carmen Reidelbach (CRC 1567 Virtual Lifeworlds at Ruhr-University Bochum)

Game-engines as research environments. interdisciplinary encounter in virtual experimental setups

Jens Fehrenbacher (Universität Bonn)

P268 Creative partners? Repositioning the arts in transdisciplinary collaborations

Combined Format Open Panel

Convenors: Peter Peters (Maastricht University); Denise Petzold (Maastricht University); Veerle Spronck (HKU University of the Arts Utrecht)

NU-3B05: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00**

Dirty Data Poetics - Collaborative Prompt Generating Performance Lecture/Workshop

Elly Clarke (Goldsmiths College, University of London); Clareese Hill (Northeastern University)

The value of art in artificial intelligence: the importance of care and vulnerability in facilitating transdisciplinary co-creation processes

tamara witschge (Amsterdam University of Applied Sciences)

Leuphana concert lab

Lea Jakob (Leuphana University)

The Wonders of the Forest: a journey of self-discovery across nature, sound and time

Diana Milena Acosta Cruz

P280 Contingencies of value-driven design in public service digitization

Traditional Open Panel

Convenors: Benedict Lang (European New School of Digital Studies, Europa Universität Viadrina); Maryam Tatari (European New School of Digital Studies, Europa Universität Viadrina)

Agora 3, main building: **Wed 17 Jul 15:30-17:00**

Situating sphere transgression – translating values in the making of public app-infrastructures by private app companies

Eva Iris Otto (Copenhagen university)

Inoculation experiments to critically assess disruptive digital infrastructures for public service delivery by local governments

Michael Duijn (Erasmus University Rotterdam); Mattijs Taanman (Erasmus university Rotterdam)

On advancing substantive individual digital sovereignty - empirical insights on contrasting demands of citizens and administrative personnel

Sabrina Blank (University of Lübeck); Christian Herzog (University of Lübeck); Anne Koppenburger (RWTH Aachen); Robin Preiß (University of Lübeck)

Public media & AI innovation: reflections from the ground on enculturing and negotiating public service values in AI innovation

Bronwyn Jones (University of Edinburgh); Rhianne Jones (BBC)

P283 The capability-approach and normative orientation in sustainability transformations: potentials and limitations

Traditional Open Panel

Convenors: Christine Milchram (Karlsruhe Institute of Technology); Jens Schippl (ITAS at Karlsruhe Institute of Technology (KIT))
Chair: Christine Milchram (Karlsruhe Institute of Technology)

NU-4B17: **Wed 17 Jul 15:30-17:00**

Integrating social and ethical aspects in mobility planning: a capabilities approach

Christine Milchram (Karlsruhe Institute of Technology); Jens Schippl (ITAS at Karlsruhe Institute of Technology (KIT)); Michael Schmidt (Karlsruhe Institute of Technology (KIT))

The capabilities approach as a normative tool to deliver caring energy systems

Anna Cain (Australian National University)

Navigating diversity, justice, and equity through the inclusion of underrepresented groups in the energy transition in Amsterdam New-West

Sadiq el Kahal (Athena Institute); Eduardo Muniz Pereira Urias (VU Amsterdam)

Revising the capability approach: integrating environmental reciprocity for sustainable transition

Hasse Hämäläinen

P304 Theorizing through the mundane: storying transformations in healthcare

Combined Format Open Panel

Convenors: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

Chairs: Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)

HG-08A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

Trans* reproductive rights: from “big stories” to “the mundane”?

Solène Gouilhers (University of Geneva)

An exercise of collaboration and teamwork: the yearning for optimization in antimicrobial stewardship programmes in Spanish public hospitals

Cristina Moreno Lozano (University of Edinburgh)

Life-limiting illness and death in the everyday: temporal politics of the mundane

Nadine Ehlers (University of Sydney, Australia)

Time must be cared for: mundane practices and sensitive trajectories of time in healthcare in Chile

Jorge Castillo-Sepúlveda (University of Santiago de Chile); Francisco Tirado

P308 Remaking participation and democracy

Combined Format Open Panel

Convenors: Jason Chilvers (University of East Anglia); Elliot Honeybun-Arnolda (University of East Anglia); Matthew Kearnes (University of New South Wales); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia); Jan-Peter Voß (RWTH Aachen University)

HG-12A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

Devices of deliberation: bringing generative media-technologies into the conversation

Rob Bellamy (University of Oxford); Emily Cox (University of Oxford); David Moats (University of Helsinki); Laurie Waller (University of Manchester)

Emerging ecologies of participation: living lab research at a technical university

Julia Backhaus (RWTH Aachen University); Stefan Bösch (Human Technology Center, RWTH Aachen University); Stefan John (Human Technology Center, RWTH Aachen University)

Practicing relational engagement in EU energy project contexts

Johanna Höffken (Eindhoven University of Technology); Vera Kools (Eindhoven University of Technology)

Co-creation as techno-economic reconfiguration of participation: what role for STS?

Anja K. Ruess (Technical University of Munich)

P318 Opaque APIs: biases, blind spots, and instability

Traditional Open Panel

Convenors: Christian Bitar Giraldo (Universidad Javeriana); Jaime Cuellar (Pontificia Universidad Javeriana)

Chair: Óscar Moreno-Martínez (Pontificia Universidad Javeriana)

NU-6A52: **Wed 17 Jul 15:30-17:00**

The role of web APIs in the configuration of algorithmic rationalities

Roser Pujadas (UCL); Erika valderrama

Limits of transparency and depths of opacity in the use of APIs in information infrastructures

Alain Sandoz (University of Neuchâtel); Léa Stiefel (IRIN.CH)

The CHATGPT model and API: opening the black box

Jaime Cuellar (Pontificia Universidad Javeriana); Óscar Moreno-Martínez (Pontificia Universidad Javeriana)

P365 Forensic sounds: speaker identification, sound detection and cultures of sonic evidence

Traditional Open Panel

Convenor: Anna Kvicalova (Charles University)

HG-09A16: **Wed 17 Jul 15:30-17:00**

The voiceprint: (pre)history of a sonic forensic tool

Josephine Hoegaerts

Anthropophonic evidence? Voice recordings of prisoners at the 1926 Berlin Police Exhibition

Johanna Hühn (Goethe Universität Frankfurt)

Sound as evidence: machines, humans, and the probability scale in Cold-War forensics

Anna Kvicalova (Charles University)

R430 STHV thematic collection roundtable: critical STS pedagogy

Roundtable

Convenors: John Aggrey (Virginia Tech); Liora Goldensher (Virginia Tech); Marie Stettler Kleine (Colorado School of Mines); Christine Labuski (Virginia Tech); Jane Lehr (California Polytechnic State University); Cora Olson (Virginia Tech); Desen Ozkan (University of Connecticut); Kari Zacharias (University of Manitoba)

Discussants: Sara Chong Kwan (University of the Arts London, London College of Fashion); Amanda Domingues (Cornell University); Olivia Hegarty (London College of Fashion, University of the Arts London); Gabriel Medina-Kim (Rensselaer Polytechnic Institute); Esther Milberg Muñiz (Wageningen University Research); Nicole Mogul (University of Maryland College Park); Lee Nelson (New York University New York Institute of Technology); Emine Onculer Yayalar (Bilkent University); Marlise Schneider (Technical University of Munich)

HG-07A32: **Wed 17 Jul 15:30-17:00**

W478 Touching the Void

Workshop

Convenors: Stephen Hughes (University College London); Dani Shanley (Maastricht University)

NU-5A47: **Wed 17 Jul 15:30-17:00**

16:00-17:30

Session 6b

P005 Normative uncertainties in the energy transition: energy justice, pluralism and beyond

Traditional Open Panel

Convenors: Udo Pesch (Delft University of Technology); Eugen Popa (TU Delft); Behnam Taebi

HG-07A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Is there room for a globally just, low-carbon energy transition while Chinese investments in [and policies favoring] coal persist?

Rosana Corazza (Universidade Estadual de Campinas - UNICAMP); Marina Drezza (Universidade Estadual de Campinas (UNICAMP - Brazil))

Contesting urgency through normative claims: critical analysis of polish energy policy under the right-wing populist rule 2014-2023

Marta Kosińska (Adam Mickiewicz University, Poznań, Poland); Przemyslaw Plucinski (Adam Mickiewicz University, Poznan)

Gaseous politics: contradictions and moral frontiers of the energy transition in Ghana

Pauline Destree (Durham University)

Writing values into energy infrastructures: social justice outcomes in shaping an infrastructure configuration of wind energy and hyperscale data centers

Maarten Hajer (Urban Futures Studio); Jesse Hoffman (Utrecht University)

P023 Privacy-enhancing technologies: from solution to reconfiguration

Traditional Open Panel

Convenors: Margo Bernelin (Laboratoire Droit et changement social, University of Nantes); Sonia Desmoulin (CNRS)

Chair: Sonia Desmoulin (CNRS)

NU-3A47: **Wed 17 Jul 16:00-17:30**

The political economy of PETs

Christian Dayé (Graz University of Technology); Roman Lukas Prunč (University of Technology, Graz); Andreas Trügler (Graz University of Technology); Bernhard Wieser (Graz University of Technology)

Implementing PETs as a reason to prevent the exercise of data subjects' rights

Cedric Lauradoux; Alexandre Lodie (Centre Inria de l'Université Grenoble Alpes)

Questioning the frontiers of data protection: the case of synthetic data

Margo Bernelin (Laboratoire Droit et changement social, University of Nantes)

Pretty Good Privacy as free/open source software shibboleth

Samuel DiBella (University of Maryland, College Park)

P034 Assetization of knowledge and knowledge of assetization in financialized capitalism

Traditional Open Panel

Convenors: Janja Komljenovic (University of Edinburgh); Loïc Riom (University of Lausanne); Tanja Schneider (Technical University of Denmark)

NU-5A27: **Wed 17 Jul 16:00-17:30**

Building a rock-solid online music platform. Rounds of funding, knowledge, and the logic of venture capitalism

Loïc Riom (University of Lausanne)

We don't talk about animals: responsible investment and the assetisation of farm animal welfare

Jeremy Brice (University of Manchester)

EdTech and assetization of knowledge dissemination

Janja Komljenovic (University of Edinburgh)

P041 Chemical affects: engaging substances in life-death worlds

Traditional Open Panel

Convenors: *Giorgio Brocco (University of Vienna); Marcos Freire de Andrade Neves (Freie Universität Berlin); Max Schnepf (Freie Universität Berlin)*

HG-01A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Temporalities and purifications: decommissioning the San Onofre power plant

Elisabeth Asher (University of Maryland - College Park)

Lithium bodies: human-vehicular chemical akin-ship

Alba Clevenger (Concordia University)

P053 What can we do for tomorrow? New sensitivities for long-term governance

Combined Format Open Panel

Convenors: *Sophie Kuppler (Karlsruhe Institute of Technology); Laura Müller (Karlsruhe Institute of Technology (KIT)); Stefania Sardo (Karlsruhe Institute of Technology (KIT)); Dirk Scheer (Institute for Technology Assessment and System Analysis (ITAS) at Karlsruhe Institute of Technology (KIT))*

HG-05A24: **Wed 17 Jul 16:00-17:30, Thu 18 Jul 09:00-10:30**

Expanding knowledge formation in agricultural economics: integrating local perspectives and science and technology studies for sustainability research

Bente Castro Campos (Justus Liebig University Giessen)

Navigating the nexus of surveillance, governance, and scientific responsibility in the digital age: the case of china's health code

Taoyue Wang (University College London); Tianyu Zhao (University College London)

Triggers of long-term governance: charting the course for sustainable futures

Stefania Sardo (Karlsruhe Institute of Technology (KIT)); Sascha Stark (Forschungszentrum Juelich)

P056 Futures work

Traditional Open Panel

Convenors: *Rebecca Coleman (University of Bristol, UK); Sanja Milivojevic (University of Bristol); Daniel Neyland (Bristol Digital Futures Institute); Jessica Ogden (University of Bristol)*

Agora 1, main building: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

The social semiotics of future-making: understanding the grammars of imagination in processes of distributed sense-making

Timo Walter (Université de Lausanne)

Experiment and speculative climate futures in the amazon

Marko Monteiro (University of Campinas)

New times, new opportunities; the future essentialist imaginary of the new economy in the Netherlands throughout the late 1990s

Susan Aasman (University of Groningen); Nathalie Fridzema (University of Groningen); Tom Slootweg (University of Groningen); Rik Smit

The futures circle – a framework to critically assess technofutures

Wenzel Mehnert (Technische Universität Berlin)

P057 How, when and why does science (fail to) correct itself?

Combined Format Open Panel

Convenors: *Mady Malheiro Barbeitas (CNRS); Candida Sánchez Burmester (Maastricht University)*

HG-10A33: **Tue 16 Jul 14:00-15:30, 16:00-17:30, Wed 17 Jul 11:00-12:30, 16:00-17:30**

Correcting science: a look back at the origins of the watchdogs of science

Guaspere Catherine (CNRS); Dubois Michel (CNRS)

Epistemic activists in the media

Mady Malheiro Barbeitas (CNRS); Auste Valinciute (Radboud University)

The four language games of error correction in science

Maximilian Rossmann (Maastricht University)

P060 Everyday doing and identity making: how do digital platforms co-configure identity(s)?

Traditional Open Panel

Convenor: *Yuhan Wang (University of Bristol)*

Chair: *Yuhan Wang (University of Bristol)*

HG-02A00: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Identity alignment and the sociotechnical reconfigurations of emotional labor in transnational gig-education platforms

Dipto Das (University of Colorado Boulder); Bryan Semaan (University of Colorado Boulder); Ben Zhang (University of Michigan)

Reading between the bytes: identity and legibility in Facebook profile data

Dustin O'Hara (Western Washington University)

From measuring to making measurable: post-pandemic university data collection and the digital co-configuration of student identity

Griffin Fadellin (Columbia University); Emma Germano (Columbia University); Madisson Whitman (Columbia University); Mohammad Zaidi

P065 Mutual (trans)formations of science and English-mediated instruction

Traditional Open Panel

Convenors: Nick Kasperek (Eikei University of Hiroshima); Nozomi Mizushima (Eikei University of Hiroshima); Miki Namba (Kagoshima University); Yoko Taguchi (Eikei University of Hiroshima)

HG-02A36: Wed 17 Jul 16:00-17:30

Poetic capacities for (re)translation in EMI and critical STS pedagogies: an exploration with language, education, and participatory action research

Nick Kasperek (Eikei University of Hiroshima)

Enacting environment/studies through collaborative EMI practice: an ethnographic exploration of mediating differences

Nozomi Mizushima (Eikei University of Hiroshima); Masaki Sagehashi (Eikei University of Hiroshima); Yoko Taguchi (Eikei University of Hiroshima)

Triple aphasia, triple enhancement: teaching STS for non-native English learners by non-native English instructors in non-English speaking environments

HungYin Tsai (University of Tokyo)

Teacher, are earthquakes environmental? Evocative discrepancies in STS classroom

Miki Namba (Kagoshima University)

New-teaching-material-ism — challenging conservative humanist paradigms in education

Yusuke Kusumi (Shinshu University)

P067 Landing policies and practices for access to medicines at dizzying prices

Traditional Open Panel

Convenors: Jean-Christophe Belisle-Pipon (Simon Fraser University); Marie-Eve Bouthillier (University of Montreal); Pierre-Marie DAVID (Université de Montréal)

HG-10A20: Wed 17 Jul 16:00-17:30

Understanding Drug Exceptional Access Programs (DEAPs) in Canada, and their associated social and political issues

Jean-Christophe Belisle-Pipon (Simon Fraser University); Pierre-Marie DAVID (Université de Montréal)

Between innovation and health economics: an analysis of the methodologies employed in health technology assessments of innovative oncology treatments in Quebec by INESSS between 2011 and 2023

Salma Ghezala (Université de Montréal)

From 13 000 to 300 authorized drugs: landing medicines in Mozambique in the 1970s and inspirations for the Global South

Alila Brossard Antonielli (Humboldt Universität zu Berlin)

Exceptional access to drugs for individual patients in Quebec: challenges for implementing fair and reasonable access

Jean-Simon Fortin

P071 Seabirds

Traditional Open Panel

Convenors: Bronte Evans Rayward (University of Cambridge); Oscar Hartman Davies (University of Oxford); Mayline Strouk (STIS, University of Edinburgh CWTS, Leiden University)

NU-2B12: Wed 17 Jul 16:00-17:30

On the narrative and nomenclature of seagulls

Izabelle Grimm

The sea confounds us: tracing environmental change through seabirds

Andrew Whitehouse (University of Aberdeen)

Why look at seabirds? Engaging with visibility in marine conservation

Bronte Evans Rayward (University of Cambridge); Oscar Hartman Davies (University of Oxford); Mayline Strouk (STIS, University of Edinburgh CWTS, Leiden University)

P089 Epistemic Corruption: Claims, Contestations and The Fragility of Knowledge Systems

Traditional Open Panel

Convenors: Nishtha Bharti (University of Oxford); Sergio Sismondo (Queen's University)

Chair: Sergio Sismondo (Queen's University)

Discussants: Karin Knorr Cetina (University of Chicago); Sally Wyatt (Maastricht University)

HG-14A00: Tue 16 Jul 10:30-12:00, 13:30-15:00, Wed 17 Jul 16:00-17:30

What can we learn from Coca-Cola about epistemic corruption?

Susan Greenhalgh (Harvard)

From the lancet to Duterte: how COVID-19 scientific articles figured in policy and public discourse in the Philippines

Gideon Lasco (University of the Philippines)

'Disrupting' Indian healthcare through AI and digital data: Transformative technofutures and epistemic corruption
Nishtha Bharti (University of Oxford)

P096 Gordian knot: unravelling knowledge, temporality and change in STS and sociology

Traditional Open Panel

Convenors: Tadeusz Józef Rudek (Jagiellonian University); Aleksandra Wagner (Jagiellonian University)

Chairs: Tadeusz Józef Rudek (Jagiellonian University); Aleksandra Wagner (Jagiellonian University)

HG-09A29: **Wed 17 Jul 16:00-17:30**

Don't we already know enough to act?!

Knowledge infrastructures for temporally situated transformative science

Anne Beaulieu (University of Groningen); Selen Eren (University of Oulu)

Time of research, time of care, time of life: a reflection on the relationship to temporality in children and teenagers with a rare eye disease and its impact on a study about their quality of life

Helene Dollfus (Hôpitaux Universitaires de Strasbourg); Valentine Gourinat (University of Strasbourg)

Transition imaginaries: expectations of the state project of an electric vehicle in Poland

Aleksandra Lis (Adam Mickiewicz University)

The urgency for some, generational change for others - how to combine the motivations and goals of climate activists with the knowledge of foresters in the task of adapting forests to climate change

Agata Konczal (Wageningen University); Marcin Mielewczyk (Jagiellonian University Krakow); Krzysztof Niedziałkowski

P125 Up and down the nuclear power stream around East Asia

Traditional Open Panel

Convenors: Hsin-Hsing Chen (Shih-Hsin University); Kohta Juraku (Tokyo Denki University); Wenling Tu (National Chengchi University)

Chair: Hsin-Hsing Chen (Shih-Hsin University)

NU-2B18: **Wed 17 Jul 16:00-17:30**

The improvised expert: performing authority at an OECD nuclear energy agency workshop in Fukushima

Makoto Takahashi (VU Amsterdam)

Transnational views on nuclear waste: "impossible infrastructures" in Japan and La Hague (France) (LESLIE project: governance and ethical issues of long-term storage infrastructures)

Christine Fassert (LATTES ENPC Université Gustave Eiffel)

Communicating nuclear waste siting issues in Taiwan: STS-inspired social communication experiments

Yu-Hsin Hsu (National Cheng-Chi University); Li-Chun Lin (National Chengchi University); Wenling Tu (National Chengchi University)

More science, less participation and automated decision: public imaginary and epistemic authorities of Japanese nuclear risk governance

Kohta Juraku (Tokyo Denki University); Shin-etsu Sugawara (Kansai University)

P129 Transforming pharmaceutical innovation

Traditional Open Panel

Convenors: Wouter Boon (Utrecht University); Rob Hagendijk (Universiteit van Amsterdam); Eva Hilberg (University of Sheffield); Hadewych Honné (University of Edinburgh - KU Leuven); Tineke Kleinhout-Vliek (University College Dublin); Paul Martin (University of Sheffield); Sarah Wadmann (The Danish Center for Social Science Research)

HG-06A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Social pharmaceutical innovation: findings from international collaborative project

Wouter Boon (Utrecht University); Conor Douglas (York University)

Mapping Africa CDC's endeavour to transform the global pharmaceutical landscape

Lauren Paremoer (University of Cape Town); Anne Pollock (King's College London)

From globalisation to differentiation: harmonisation dynamics in international pharmaceutical policy

Susi Geiger (University College Dublin); Tineke Kleinhout-Vliek (University College Dublin)

P159 Grounding the digital: unpacking the socio-political complexities of digital transformation in agriculture

Traditional Open Panel

Convenors: Karine Gauche (Institut Agro Montpellier); Pierre-Benoit Joly (INRA / UPEM); Jongheon Kim (INRAE)

NU-4B47: **Wed 17 Jul 16:00-17:30**

How does the Uckerbot get to the field? Investigating habits of farmers

Anna Baatz (Technische Universität Berlin); Martina Schäfer (Technische Universität Berlin)

'smart' paths to digital agriculture: contending imaginaries on digital transformation of agriculture in South Korea

Taemin Woo (Korea Advanced Institute of Science and Technology (KAIST))

Digital platforms and the reconfiguration of fish farming practices in Indonesia

Sanneke Kloppenborg (Wageningen University); Sake Kruk (Wageningen University)

Doubly "inter-": DigitAg's interdisciplinary and interprofessional efforts in digital agriculture

Karine Gauche (Institut Agro Montpellier); Pierre-Benoit Joly (INRA / UPEM); Jongheon Kim (INRAE)

P169 Do you need a laboratory if you have a project? How projectification transforms public research and research collectives.

Traditional Open Panel

Convenors: *Anne-Gaëlle Beurier (Sorbonne Nouvelle University); Victoria Brun (Mines Paris - PSL University)*
NU-3A57: **Wed 17 Jul 16:00-17:30**

Is project-based science more socially useful? A reflection based on academic valorization projects and interdisciplinary environmental project science

Anne-Gaëlle Beurier (Sorbonne Nouvelle University); Victoria Brun (Mines Paris - PSL University)

Co-construction of research collectives and fieldwork in ERC projects: investigating division of labor and knowledge production in European funded research

Mégane Fernandez (Université de Versailles Saint-Quentin-en-Yvelines)

In what way is projectification of science a regulatorisation? How regulatory toxicology help us think about projects in research

Maxime Zimmermann (INRAE LISIS)

P172 Economization, marketization and emerging technologies: valuations, reconfigurations, contexts

Traditional Open Panel

Convenors: *Angus Dowell (The University of Auckland); Dan Santos (Australian National University)*
NU-3B07: **Wed 17 Jul 16:00-17:30**

Market-making in education: devices and framings of Google education influencers

Rajender Singh (Western University)

Scientific capital: building credit and power in biomedicine

Maria Amelia Rodriguez (University of Queensland)

Right-click and save? ownership of non-fungible tokens (NFTs) as economization

Nicolás Sollazzo Dambrauskas (University of Amsterdam)

Constructing sustainability through data: The socio-technical production of marketing insights

Laura Bruschi (University of Milan)

Buying into crypto: a moral-cultural analysis of position-taking and valuation within the cryptocurrency market

Kobe De Keere (University of Amsterdam)

P174 STS sensibilities in the study of AI nature-cultures

Traditional Open Panel

Convenors: *ginger coons (Hogeschool Rotterdam); Gabriele Jacobs (Erasmus University Rotterdam); Friso Van Houdt (Erasmus University Rotterdam)*

Discussant: *Roland van Dierendonck (Rotterdam University of Applied Sciences)*

NU-4A67: **Wed 17 Jul 16:00-17:30**

Nature-cultures beyond the lab: AI, STS, political theory

Eric Deibel (Maynooth University and ADAPT); Talya Deibel (University College Cork)

From human-centred AI to more-than-human AI in cities

ginger coons (Hogeschool Rotterdam); Gabriele Jacobs (Erasmus University Rotterdam); Friso Van Houdt (Erasmus University Rotterdam)

Artificial intelligence in a multi-species world: tracing AI's material footprint through posthumanist inquiry

Lijiaozi Cheng (The University of Sheffield)

P186 Exploring challenges and pathways in city-region food system transformation: action research, researcher reflexivity and experiential case studies

Combined Format Open Panel

Convenors: *Einar Braathen (OsloMet - Oslo Metropolitan University); Baha Kuban (Demir Enerji); Jonathan Luger (Athena Institute); Lara Mauch (VU Amsterdam); Ana Ramirez Santos (Leitat Technological Center); Marjoleine van der Meij; David Wilde (Leitat Technological Center); Cristina Yacoub López (Leitat)*

HG-10A00: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30**

Future scenarios and pathways to data emancipation in food systems

Pia Groenewolt (Vrije Universiteit Brussel); Femke Meulman (Wageningen Economic Research); Kelly Rijswijk (Wageningen Economic Research)

Cosechando Esperanza: investigating food sovereignty in alternative food networks in Guadalajara, Mexico

Shreya Agarwal (University of Toronto); Alonso Munoz Sanchez (University of Toronto); Charles Pinto (The University of Toronto); Maya Povhe (University of Toronto)

Urban food processing hubs concept

Marco Gerevini (Tecnoalimenti SCpA); Gabriele Rivoltella (Tecnoalimenti SCpA)

Community gardens worldwide expansion: evaluation of various city cases in Spain and France

Ouiam Fatiha Boukharta (University of Valladolid); Leticia Chico Santamarta (University of Valladolid); Fabiana Fabri; Luis Manuel Navas Gracia (University of Valladolid); Loïc Sauvée (Institut polytechnique UniLaSalle)

P217 Soil transformations: Theories and practices of soils in the Anthropocene

Traditional Open Panel

Convenors: *Germain Meulemans (Centre Alexandre Koyré); Ursula Münster (University of Oslo)*
HG-12A33: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

Life on ‘the cornish mars’: acid mine drainage and soil microbiopolitics

Jim Scown (University of Exeter)

Soils as infrastructure: a multispecies story of soils and sheep in the Norwegian Anthropocene

Erik Nordnes Einum (University of Oslo)

Earth care practices and the limits of performativity: towards an indigenous soil futurism

Veronica Jimenez Borja (Universidad San Francisco de Quito, USFQ); Elisa Sofia Jimenez Borja (Queen’s University Belfast)

Multiple soils - The soil multiple

Germain Meulemans (Centre Alexandre Koyré); Ursula Münster (University of Oslo)

P241 Hydrogen pasts and futures

Traditional Open Panel

Convenors: *Kornelia Konrad (University of Twente); Michael Kriechbaum (Graz University of Technology); Senna Middeldveld; Filip Rozborski (Graz University of Technology); Andreas Weber (University of Twente)*
HG-06A00: **Wed 17 Jul 16:00-17:30, Thu 18 Jul 08:30-10:00, 10:30-12:00**

Histories repeating or newly emerging futures? Green hydrogen visions and emerging projects in Europe and Africa

Kornelia Konrad (University of Twente); Senna Middeldveld; Andreas Weber (University of Twente)

Anticipating green hydrogen: clean tech fairs and the making of energy futures

Tomás Ariztia (Universidad Diego Portales - Chile); Tomas Undurraga (Universidad Alberto Hurtado)

The role of incumbency in framing hydrogen policy-making processes in UK and Chile

Paula De Pablos Sanz (Technical University of Graz)

P265 Transforming STS via #WeDoSTS

Combined Format Open Panel

Convenors: *Ingmar Lippert (Goethe University Frankfurt); Julie Sascia Mewes (University of Technology Chemnitz); Claudia Gertraud Schwarz (Karl Landsteiner University of Health Sciences)*
HG-KC07: **Wed 17 Jul 16:00-17:30**

On patterns of abuse across disciplines – STS is no different from elsewhere, so what can it do? And what should it learn?

Quentin Louis

Doing STS differently: learning across reflexive experiences towards responsibility

Laura Kesore (LISIS - UGE, Paris); Allison Loconto (INRAE, Gustave Eiffel University)

Transforming #MeToo and STS via #WeDoSTS: precarious and empowering movements between me’s and we’s

Claudia Gertraud Schwarz (Karl Landsteiner University of Health Sciences)

P301 Multimodal attentions: collaborative ethnographic remixes in the era of AI

Traditional Open Panel

Convenors: *Dominic Boyer (Rice University); Cymene Howe (Rice University)*
Chair: *Dominic Boyer (Rice University)*
Discussant: *Cymene Howe (Rice University)*
Aurora, main building: **Wed 17 Jul 16:00-17:30**

Remixing anthropocene media

Dominic Boyer (Rice University); Craig Campbell Campbell (University of Texas at Austin); Cymene Howe (Rice University)

Words paper scissors: analog remixery and seductive arts

Gretchen Bakke (Humboldt University, Berlin); Marina Peterson (University of Texas at Austin)

Synergetic creation: multimodal remixing as a generative process of ethnographic theorizing

Marianne Brodersen (Nord University); Emil André Røyrvik (Norwegian University of Science and Technology (NTNU))

Transmedia translations. Finding new meanings in multimodal research data

Kenni Eilert (Aarhus University); Steffen Köhn (Aarhus University)

P332 Observation, collaboration, intervention. Navigating tensions and opportunities of engaged methodologies.

Combined Format Open Panel

Convenors: *Tanja Ahlin (University of Amsterdam); Selin Gerlek (University of Amsterdam); Paula Helm (University of Amsterdam); Mone Spindler (University of Tübingen); Aysel Sultan (Technical University of Munich); Roanne van Voorst (University of Amsterdam); Theresa Willem (TUM)*
Discussants: *Tobias Blanke (Kings College London); Jane Calvert (University of Edinburgh); Huub Dijstelbloem (University of Amsterdam); Klaus Hoeyer (University of Copenhagen); Jeannette Pols (University of Amsterdam)*
Agora 2, main building: **Wed 17 Jul 16:00-17:30, Thu 18 Jul 08:30-10:00**

Embedded Ethics in Practice: A Toolbox for Integrating the Analysis of Ethical and Social Issues into Healthcare AI Research

Theresa Willem (TUM)

Tensions and opportunities towards a framework for decolonizing transformation in non-Western and Southern innovation and technology

Beatrice Bonami (Universität Tübingen)

Engaged Research - with limited civic rights? A critical exploration of collaborative ethics in normal world conditions

Jeanne Féaux de la Croix (University of Bern)

Affirmative ethics as an engaged methodology: Mapping a cartography of critical drug studies

Aysel Sultan (Technical University of Munich)

Speculative Toolbox for Engaged Methodologies. A Collaborative Intervention

Mone Spindler (University of Tübingen)

P351 Transforming methods for digital research

Combined Format Open Panel

Convenors: Guillaume Latzko-Toth (Laval University); Florence Millerand (Université du Québec à Montréal - UQAM); Mélanie Millette (Université du Québec à Montréal (UQAM)); David Myles (Institut national de la recherche scientifique)

Chairs: Guillaume Latzko-Toth (Laval University); Florence Millerand (Université du Québec à Montréal - UQAM); David Myles (Institut national de la recherche scientifique)

NU-3A06: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30**

(Re)situating social media: investigating the imbrication between online and face-to-face social life

Claire Balleys (Université de Genève); Valentine Crosset (Université de Genève); Robin De Mourat (Sciences Po); Axel Meunier (Sciences Po)

From discoverability to social discovery: a crossed-method to understand this hiatus into musical consumption

Guillaume Blum (Université Laval); Romuald Jamet (Institut National de Recherche Scientifique)

Developing a postphenomenological methodology to investigate trust relations on digital platforms

Micol Mieli (Roskilde University)

P364 The materials library as contact zone – telling (technology) stories with stones

Combined Format Open Panel

Convenors: Andrea Gasparini (University of Oslo); Maja van der Velden (University of Oslo)

HG-07A16: **Wed 17 Jul 16:00-17:30**

Stones in the pocket: stories about technology

Andrea Gasparini (University of Oslo)

I was a weapon

Sayaka Kuramochi (Academy of Media Arts Cologne (KHM))

Let's sharpen the sharpest stones: digitized rocks as scientific contact zones

Alison Gerber (Lund University)

When copper turns green: rethinking copper's elemental possibilities

Isabelle Boucher (Concordia University, Montréal, Canada)

Apatite findings: a docu-fiction history of a pebble 1870-2022

Rebecca Birch (University College London)

P370 Live from the frontlines: the mediation of armed conflict through online platforms

Traditional Open Panel

Convenors: Houda El mimouni (Indiana University); Sarah Rüller (University of Siegen); Yarden Skop (University of Siegen)

NU-2B05: **Wed 17 Jul 16:00-17:30**

War as a live event: how liveness constructs various modes of involvement with current-day wars

Marloes Geboers (University of Amsterdam); Esther Hammelburg (Amsterdam University of Applied Sciences)

Engaging with the war in Gaza on TikTok and Instagram: affective economies in the algorithmic mediation of war

Fatima Aziz (The American University of Paris); Noemie Oxley (American University of Paris)

Affective slideshow activism in pro-Palestine mediated solidarity content

Laura Mora (Queen's University Belfast)

P387 Multimodal pedagogy: centering methodological formats to open up theoretical horizons

Combined Format Open Panel

Convenors: Louisa Crysmann (University of Oslo); Andrea Grimnes (University of Oslo); Nikita Karbasov (University of Oslo); Ebba Stenhaug (University Of Oslo); Maka Suarez (University of Oslo)

Chair: Maka Suarez (University of Oslo)

Discussant: Judith Albrecht (Freie Universität Berlin)

NU-4B11: **Wed 17 Jul 16:00-17:30**

Thinking the environments together: lessons from a boatbuilder to an ethnographer

Nikita Karbasov (University of Oslo)

Border spectralities: when the fieldsite doesn't 'really' exist

Giacomo Sartori Veronese (University of Oslo (UiO))

Spaces of yesteryears: navigating motherhood, left-behindness, and the spectrality of a childhood room

Dimitra Trigka

Ethnographic methods and Critical Pedagogy in Medical School Classrooms in Ecuador

Fu-Yu Chang (Kaleidos-Universidad de Cuenca. Anthropology-University of Massachusetts Amherst)

P388 Collaborating indigenous knowledge and modern science

Traditional Open Panel

Convenor: Da-Wei Kuan (National Cheng-Chi University)

Chair: Da-Wei Kuan (National Cheng-Chi University)

Discussants: Oliver Lin; Boen Ou (National Pingtung University); Kurtis (Jai-Chyi) Pei (Taiwan Wildlife Society); Tjuku Ruljigaljig (National Pingtung University); Chin-Wei Su; Paweng Toumi; Yi-De Yu (National Pingtung University)

HG-15A16: **Wed 17 Jul 16:00-17:30**

Dialoguing indigenous knowledge and modern science, developing multi-cultural collaboration: the experience of “Isstp” project in Taiwan

Liang-yu Chen (National Cheng Chi University, Taiwan); Da-Wei Kuan (National Cheng-Chi University); Kurtis (Jai-Chyi) Pei (Taiwan Wildlife Society)

Multiplicity of indigenous peoples’ self-governance through the lens of court decisions

Chu Cheng Huang (National Tsing Hua University)

Including indigenous practices in Anthropocene stratigraphic research: a Crawford Lake case study

Oliwia Olesiejuk (Adam Mickiewicz University)

Māori beekeepers and RNAi in pest-management: the question of gene technology in the face of ecological decline and the historic failures of Western science

Alan King-Hunt (Victoria University of Wellington); Ocean Mercier (Victoria University of Wellington); Symon Palmer (Te Herenga Waka Victoria University of Wellington); Tere Porter-Rawiri

P394 Biometrics and their calculative logics

Traditional Open Panel

Convenors: Ranjit Singh (Data Society Research Institute); Michelle Spektor (MIT College of Computing)

NU-4A25: **Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30**

The link between biometrics and means testing in social welfare programs

Katelyn Cioffi (NYU Law School)

Neuro-metrics of attention in education and logics of brain capital

Dimitra Kotouza (University of Edinburgh)

Against automated attention tracking in the classroom

Shannon Brick (Georgetown); Alicia Patterson (Oregon State University)

P397 Responsible innovation in chemistry

Traditional Open Panel

Convenors: Lotte Asveld (Delft University of Technology); Britte Bouchaut (Delft University of Technology); Laurens Hessels (Rathenau Instituut); Esther Versluis (Maastricht University)

HG-07A36: **Wed 17 Jul 16:00-17:30**

Choreographies of knowledge, concerns and responsible care in narratives of innovation residues

Kaye Mathies (University of Vienna); Michaela Zuckerhut (University of Vienna)

Unveiling chemical industry secrets: insights gleaned from scientific literatures that examine internal chemical corporate documents – a scoping review

Blue Miaoran Dong (Carleton University); Marc-Andre Gagnon (Carleton University)

Prudence as precaution? Bridging multi-level governance to address the creeping crisis of multi-chemical exposures

Nina Janasik (University of Helsinki); Taneli Rajala (University of Helsinki)

Towards a societal-responsive attitude in the chemical innovation ecosystem

Dario Amenophi Perfigli (TU Delft)

Matters of identity: the dynamics of a novel direction in the chemical industry

Harro van Lente (Maastricht University); Esther Versluis (Maastricht University); Talitha Wilmsen (Maastricht University)

R435 A conversation on borders, surveillance, and technopolitics: responses to the cybernetic border

Roundtable

Convenor: Iván Chaar López (University of Texas at Austin)

Chair: Hector Beltran (MIT)

Discussants: Iván Chaar López (University of Texas at Austin); Lilly Irani (UC San Diego); Philipp Seufferling (London School of Economics); Kalindi Vora (Yale University)

NU-3B19: **Wed 17 Jul 16:00-17:30**

W137 Participatory mapping workshop: how do STS and citizen science interact?

Workshop

Convenors: *Emma Garnett (University of Exeter); Christian Nold (The Open University)*
Agora 4, main building: **Wed 17 Jul 16:00-17:30**

W432 Teaching controversy mapping in the age of AI and polycrisis

Workshop

Convenors: *Gerald Beck (Hochschule München University of Applied Sciences); Diego Compagna (University of Applied Sciences - Munich); Anders Kristian Munk (Technical University of Denmark); Franziska Sörgel (KIT); Tommaso Venturini (University of Geneva)*

HG-02A33: **Wed 17 Jul 16:00-17:30**

17:00-23:00

Evening events

Session on the future of conferencing

Auditorium, main building: **17:15-18:15**

Science as Culture advisory panel

Forum 3, main building: **17:45-19:30**

Queer STS meetup

Bar Buka, Albert Cuypstraat 124 1072 EA Amsterdam: **18:00-23:00**

Please sign up as capacity is limited: <https://www.outsavvy.com/event/20118/queer-sts-meetup-4s-casst-amsterdam>

Thursday 18 July

07:45-17:00

Reception desk open

Main building, entrance

08:30-10:00

Session 7a

CP423 Governing the new genetics assemblage for policing & criminal justice

Closed Panel

Convenor: *Rafaella Granja (University of Minho)*

Discussants: *Nina de Groot (VU University Amsterdam); David Skinner (Anglia Ruskin University)*

NU-5A57: **Thu 18 Jul 08:30-10:00**

Dissolving boundaries, fostering dependencies. The new forensic genetics assemblage

Rafaella Granja (University of Minho); Matthias Wienroth (Northumbria University)

A contextual integrity approach to the new genetics assemblage

Nina de Groot (VU University Amsterdam)

The search for legal tools of self-restraint governance in the context of emerging forensics

Margaux Coquet

Locating the emerging forensic genetics assemblage in time and place: the UK case

David Skinner (Anglia Ruskin University)

Ethical forensic genetics: imperatives and duties

Carole McCartney (Leicester University)

CP434 Voicing places

Closed Panel

Convenors: *Endre Dányi (University of the Bundeswehr Munich); Michaela Spencer (Charles Darwin University)*

HG-15A33: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Bringing politics to the river

Endre Dányi (University of the Bundeswehr Munich)

Are You Flood Ready?

Matthew Campbell (University of Melbourne); Helen Verran (Charles Darwin University)

Inhabiting karst: between intimate geomorphologies, groundwater and post-war infrastructural legacies

Dženeta Hodžić (ISOE - Institute for social-ecological research)

P002 The improbable coalition of the “twin” green and digital transitions

Combined Format Open Panel

Convenors: *Lucía Arguelles (Universitat Oberta de Catalunya); Cristina García Casañas (Universitat Oberta de Catalunya (UOC)); Zora Kovacic (Universitat Oberta de Catalunya); Paloma Yáñez Serrano (Adam Mickiewicz University)*

HG-13A33: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Digital twins as ways of worldmaking: a case of energy futures

Ola Michalec (University of Bristol)

Unlikely bedfellows: digital entrepreneurs meet climate activism

Paula Bialski (University of St. Gallen); Julien McHardy (Mattering Press Open Book Futures Coventry University); Daniela Weinmann (University of Zurich)

“You can’t have one without the other”. Nation-states, data centers and the twin transition

Ulrike Felt (University of Vienna); Carsten Horn (University of Vienna)

Simulating biodiversity: the digital logics of emerging environmental monitoring technologies

Michelle Westerlaken (University of Cambridge)

Towards separating waste perfectly – The ‘twinning’ of digital and green transition in waste management

Diana Aye (Helmholtz Centre for Environmental Research and Harz University of Applied Sciences); Alena Bleicher (Harz University of Applied Science); Lina Sofie Schöne (Hochschule Harz)

P046 Digital nationalism: nations between transformation and continuity

Traditional Open Panel

Convenors: *Nelli Piattoeva (Tampere University); Aaro Tupasela (University of Helsinki)*

Aurora, main building: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 09:00-10:30**

A nation of (data) intermediaries? Insights into the digital infrastructuring of education in Estonia

Sigrid Hartong (Helmut-Schmidt-University Hamburg)

Datafication of English 4 year-olds: a case study of digital nationalism

Sara Hawley (Institute of Education, UCL's Faculty of Education and Society); Guy Roberts-Holmes (University College London)

Transnational collaboration at the digital frontier

Irina Papazu (IT University of Copenhagen); Tobias Pedersen (IT-University of Copenhagen); Alexei Tsinovoi (Aarhus University); Lasse Uhrskov Kristensen (Technical University of Denmark)

P059 Anticipatory transformations, disruptions and variations 'in' and 'for' Open Science

Traditional Open Panel

Convenors: *Andoni Ibarra (University of the Basque Country); Hannot Rodríguez (University of the Basque Country UPV-EHU); Sergio Urueña (University of Twente and University of the Basque Country UPV-EHU)*

HG-11A24: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Transformative and open research in a Dutch technical university

Gaston Heimeriks (Utrecht University); Johan Schot (University of Utrecht); Jonas Torrens (Utrecht University); Orlando Vazquez (Eindhoven University of Technology); Anna Wieczorek (TU Eindhoven)

From epistemic equity to community growth: on varying anticipations of openness in the context of open science practices at CERN

Antonia Winkler (Humboldt university Berlin, CERN)

Openness, engineering and outer space

Matjaz Vidmar (University of Edinburgh)

Beyond openness, toward the common? The role of open technologies in environmental research

Shannon Dosemagen (Open Environmental Data Project); Katie Hoerberling (Open Environmental Data Project); Matias Milia (University of Notre Dame); Luis Felipe R. Murillo (University of Notre Dame)

P076 “When are we having for dinner”: temporality and the ethico-politics in emerging food technologies

Combined Format Open Panel

Convenors: *Mariana Hase Ueta (Wageningen University and Research); Zoë Robaey (Wageningen University)*

HG-14A00: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Exploring socio-technical imaginaries on alternative proteins: a case study of public attitudes toward five alternative proteins in Japan

Ryuma Shineha (Osaka University)

7.03, SST: complexity and flexibility in cultured meat timescapes

Neil Stephens (University of Birmingham)

Disruptive technologies and intra-value conflicts: the case of naturalness and sustainability in cellular agriculture

Vincent Blok (Wageningen University); Julia Rijssenbeek; Zoë Robaey (Wageningen University)

New genomic technologies in crop improvement and/as a more sustainable future - views from the Finnish context

Katriina Huttunen (University of Helsinki)

P079 STS for societal transformations: cross-disciplinary visions and realities

Traditional Open Panel

Convenors: *Chris Foulds (Anglia Ruskin University); Lara Houston (Anglia Ruskin University)*
NU-4A06: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Making sustainability research: how EU funding institutions design, disseminate and evaluate projects, and with what effects for interdisciplinarity

Chris Foulds (Anglia Ruskin University); Lara Houston (Anglia Ruskin University)

Raising the bar and setting a ceiling: power dynamics in practicing and funding heterogeneous inter- and transdisciplinary research

Annemarie Horn (Utrecht University)

Interdisciplinary visions and realities: a view from two European projects

Roberto Cibir; Maria Cristina Sciannamblo (Sapienza University of Rome); Maurizio Teli

Guiding the way? Evidence, politics, and knowledge brokerage on the UK's road to net zero

Kristiann Allen (INGSA Secretariat, University of Auckland); Tatjana Buklijas (University of Auckland); Jeremy Williams (University College London)

Building transformative pathways to achieve net zero power production emissions through informed citizen input

Margot Hurlbert (University of Regina)

P081 Politics of carbon sinks. Knowledge, institutions, and shifting understandings of the environment.

Traditional Open Panel

Convenors: *Stephanie Barral (INRAE); Antoine Doré; Celine Granjou (Inrae (University of Grenoble-Alps)); Helene Guillemot; Robin Leclerc (INRAE); Leo Magnin (CNRS); Laure Manach (CNRS)*

HG-05A16: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

The afforestation of grassy ecosystems: opportunity for mitigating climate change or ecological threat? Geopolitics of forest-related science and conflicting valuations of ecosystems

Nassima Abdelghafour (CEMS (EHESS) - IFRIS)

Farming carbon for climate change? Pragmatic economists, agri-food production, and soil

Julie Ingram; Damian Maye (University of Gloucestershire); Chi-Mao Wang (Department of Bio-Industry Communication and Development, National Taiwan University, Taiwan)

Blue carbon counters: how ecological scientists in Korea claim tidal flats as a new carbon sink

Chihyung Jeon (Korea Advanced Institute of Science and Technology); Sungeun Kim (Korea Advanced Institute of Science and Technology); Seulgi Lee

P093 (Re)Making AI through STS

Traditional Open Panel

Convenors: *Simone Arnaldi (University of Trieste); Francesco Miele (University of Trieste); Stefania Milan (University of Amsterdam)*

HG-05A00: **Wed 17 Jul 08:30-10:00, 15:30-17:00, Thu 18 Jul 08:30-10:00, 10:30-12:00**

The socio-historical trajectory of Prolog, a programming language for artificial intelligence in the 1980s

Mathilde Fichen (CNAM Paris)

Not only studying but shaping the digital society! Collaborative research for AI & data projects

Mirko Schäfer (Utrecht University); Karin van Es

On saving, supposedly, the environment through AI: a critical review of relevant literature from major science journals

George Dasoulas (Harvard University); Ippolyti Dellatolas (Massachusetts Institute of Technology); Aristotle Tympas (National and Kapodistrian University of Athens); Elli Danae Vartziotis (National and Kapodistrian University of Athens); Tina Vartziotis (TWT Science Innovation)

Remaking the wild through AI

Emily Wanderer (University of Pittsburgh)

P110 Microbial methods and practices for doing STS otherwise

Combined Format Open Panel

Convenors: *Maya Hey (Centre for the Social Study of Microbes, University of Helsinki); Salla Sariola (University of Helsinki)*

HG-11A22: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

What's in the jar – fermentation as an expansive method to study microbes in Assam, India

Salla Sariola (University of Helsinki)

Traces of ergot: fungi, women, and embodied sensing

Andrea Núñez Casal (Spanish National Research Council (CSIC)); María J Santemas (Consejo Superior de Investigaciones Científicas (CSIC))

Gender, microbes and antibiotics: experimental detail in Spanish women microbiologists' research (1980s-1990s)

Isabel María Gómez Rodríguez (Spanish National Research Council (CSIC))

Rhythms of cohabitation, or undoing ethnography with *Physarum polycephalum*

Maria Debinska (Polish Academy of Sciences)

P142 Datafied publics

Traditional Open Panel

Convenors: Morgan Currie (University of Edinburgh); Karen Gregory (University of Edinburgh); Catherine Montgomery (University of Edinburgh)

HG-05A33: Thu 18 Jul 08:30-10:00, 10:30-12:00

How to mobilize data publics against big-tech?

Elinor Carmi (City, University of London.)

Organising participation in data-based projects

Judith Fassbender (University of St Andrews Humboldt Institute for Internet and Society Berlin); Tristan Henderson (University of St Andrews)

Data rules!: Upholding jurisdictional power through data literacy in regional planning

Paul Dourish (UC Irvine); Andrew Hamann (University of California, Irvine)

Securing public opinion: police surveillance of the city in crisis

Lian Song (UC San Diego)

P160 Entanglements of STS and bioethics: new approaches to the governance of artificial intelligence and robotics for health

Traditional Open Panel

Convenors: Miquel Domènech (Universitat Autònoma de Barcelona); S. Scott Graham (The University of Texas at Austin); Jay Shaw (University of Toronto); Núria Vallès-Peris (Spanish National Research Council - CSIC)

HG-02A24: Thu 18 Jul 08:30-10:00, 10:30-12:00

Regulatory politics: the United States food and drug administration's review of artificial intelligence radiological algorithms

Melanie Jeske (University of Chicago); Kelly Joyce (Drexel University)

Difference and control. Governance blind spot in the development of an AI-based medical imaging system

Miquel Domènech (Universitat Autònoma de Barcelona); Joaquin Yrivarren (Universidad Autònoma de Barcelona)

Responsible artificial intelligence for health systems: a governance framework to deploy diabetes prevention and prediction models in Canada

Joseph Donia (University of Toronto); Jay Shaw (University of Toronto); Remziye Zaim (University of Toronto)

Imaginariness of A.I: continuities and discontinuities of innovation in healthcare

Miquel Domènech (Universitat Autònoma de Barcelona); Miguel Larrea Schindler (Universidad Ramón Llull-Universitat Autònoma de Barcelona); Joan Moyà-Köhler (Universitat Autònoma de Barcelona); Núria Vallès-Peris (Spanish National Research Council - CSIC)

P164 STS & ethics: encounters on common ground

Combined Format Open Panel

Convenors: Margarita Boenig-Liptsin (ETH Zürich); Jim Dratwa (European Commission and Woodrow Wilson Center); Karen Huang (Georgetown University)

Theater 2, NU building: Thu 18 Jul 08:30-10:00, 10:30-12:00

Delivering the good(s) in education? Teachers, AI, and speculative ethics of care

Jade Henry (University College London); Martin Oliver (UCL Institute of Education)

Actors, analysts, and ethics in STS

Mark Brown (California State University, Sacramento)

Thinking human rights approaches to clinical labor beyond ethical publicity

Daniela Schuh (University of Vienna)

Creating more just & equitable science requires diverse collaborative practices

Chessa Adsit Morris (University of California, Santa Cruz); James Karabin (University of California, Santa Cruz)

P201 Body, intuition and perception in arts-based interventions in decolonial environmental STS epistemologies and pedagogies

Combined Format Open Panel

Convenors: Aadita Chaudhury (York University); Rita Valencia (CIESAS Sureste)

HG-11A33: Thu 18 Jul 08:30-10:00

Eco-imaginaries: creative practice and ecological transformations

Almendra Cremaschi (University of San Martin); Kate Genevieve; Simone Johnson; Mona Nasser (Schumacher College); Cassie Robinson

Porous skins for connected worlds

Ulrike Scholtes (Maastricht Institute of Arts)

P203 Collective infrastructures

Combined Format Open Panel

Convenors: Batool Desouky (University of the Arts London); George Simms (University of Plymouth); Katie Tindle (Goldsmiths, UoL)

Chairs: Batool Desouky (University of the Arts London); George Simms (University of Plymouth); Katie Tindle (Goldsmiths, UoL)

HG-07A36: Thu 18 Jul 08:30-10:00, Fri 19 Jul 08:30-10:00

In-grid-in-fras: In-grid collective on collective infrastructuring practices

Rebecca Aston (Goldsmiths); Batool Desouky (University of the Arts London); Yu Hsuan Liao; George Simms (University of Plymouth); Katie Tindle (Goldsmiths, UoL)

Counter cloud imaginaries

Miriam Aouragh (University of Westminster); Seda Gürses (TU Delft); Helen Pritchard (The Institute for Technology in the Public Interest (TITiPI) Basel Academy of Art and Design, FHNW, Switzerland University of Plymouth); Jara Rocha (The Institute for Technology in the Public Interest (TITiPI)); Femke Snelting (The Institute for Technology in the Public Interest)

Reimagining our digital interactions - slowing down and claiming time

Donna Holford-Lovell (NEoN Digital Arts (SCIO))

Digital autonomia and the data commons

Julia Nueno (Goldsmiths)

For and against: collective servers within the institutional university

Christian Ulrik Andersen (Aarhus University); Pablo Velasco (Aarhus University)

P231 STS, AI Experiments, and the social good

Traditional Open Panel

Convenors: Torben Elgaard Jensen (Aalborg University Copenhagen); Mathieu Jacomy (Aalborg University); Alf Rehn (SDU University of Southern Denmark); Ida Schröder (Aarhus University)

Theater 7, NU building: Thu 18 Jul 08:30-10:00, 10:30-12:00

A call for democratic experimentation with AI

Torben Elgaard Jensen (Aalborg University Copenhagen); Helene Ratner (Aarhus University)

AI frictions in society: what makes AI controversial?

Noortje Marres (University of Warwick); Chiara Poletti (University of Swansea)

Assessing fact production: AI and the dynamics of open source investigations

Joanna Sleight; Guillén Torres (University of Amsterdam); Lonneke van der Velden (University of Amsterdam)

Making algorithms boring again

Matilde Ficozzi (Aalborg University); Mathieu Jacomy (Aalborg University); Anders Kristian Munk (Technical University of Denmark)

P241 Hydrogen pasts and futures

Traditional Open Panel

Convenors: Kornelia Konrad (University of Twente); Michael Kriechbaum (Graz University of Technology); Senna Middelveld; Filip Rozborski (Graz University of Technology); Andreas Weber (University of Twente)

HG-06A00: Wed 17 Jul 16:00-17:30, Thu 18 Jul 08:30-10:00, 10:30-12:00

The status quo politics of hydrogen techno-economics and the potential of heterodox hydrogen futures

Jorrit Smit (Universiteit Leiden Vrije Universiteit Brussel)

To wedge the door open or not? Exploring how technical communities brand hydrogen technologies within public society in Beijing, China

Xueyi Meng (The University of Edinburgh)

A territorialized technology? Assessing promises and (new) socio-technical entanglements of "green" hydrogen projects in France

Mael Goumri (Université Paris Dauphine)

P260 Rethinking the 'harm' in harm reduction movements of drugs and health

Traditional Open Panel

Convenors: Nancy Campbell (Rensselaer Polytechnic Institute); Kari Lancaster (Goldsmiths University of London)

Discussant: Kiran Pienaar (Deakin University)

Theater 1, NU building: Thu 18 Jul 08:30-10:00, 10:30-12:00

Reworlding 'harm' in the cultural work of harm reduction

Nancy Campbell (Rensselaer Polytechnic Institute)

Extending public health framings of drug use to the health impacts of drug production?

Javier Lezaun (Oxford University); Lina Pinto-García (York University)

Harm as multiplicity: resisting damage by thinking with drug user concepts

Alex Betsos (Rensselaer Polytechnic Institute)

P277 Transformation of agency (in the age of machine intelligence)

Traditional Open Panel

Convenors: *Marcus Burkhardt (University of Siegen); Karin Knorr Cetina (University of Chicago)*

Chair: *Hendrik Bender (University of Siegen)*

Theater 5, NU building: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

More than a tool: understanding human-computer-cooperation through its history

Hendrik Bender (University of Siegen)

The communicative agency of A.I. powered search engines

Elena Esposito (University Bielefeld); Ole Pütz (Bielefeld University)

Between the world models and model worlds: on the construction of agency in machine learning

Konstantin Mitrokhov (Leuphana University)

What is in an AI Agent?

Marcus Burkhardt (University of Siegen)

P302 Let's not transform the university: questioning discourses of transformation and technological metamorphosis in higher education.

Traditional Open Panel

Convenor: *Lesley Gourlay (University College London Institute of Education)*

HG-14A33: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 10:30-12:00**

Power BI and the digitization of Danish higher education

Lindsay Weinberg (Purdue University)

The university as infrastructure of becoming: re-activating academic freedom through humility in times of radical uncertainty

Francisco Duran del Fierro (UCL Knowledge Lab); Nicolas Zehner (TU Berlin)

Creative course design: critical university educators caught between reproduction and transformation

Sam Hamer (University of Amsterdam)

Re-inventing research-based teaching in a time of performance measurement: examining the emergence of concerns with linking research and teaching in Danish higher education

Marie Larsen Ryberg (University of Copenhagen)

Questioning discourses of transformation: fantasies of disembodiment and metamorphosis in the university

Lesley Gourlay (University College London Institute of Education)

P304 Theorizing through the mundane: storying transformations in healthcare

Combined Format Open Panel

Convenors: *Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology);*

Anna Mann (University of Zurich)

Chairs: *Sonja Jerak-Zuiderent (Amsterdam University Medical Centres); Lisa Lindén (Chalmers University of Technology); Anna Mann (University of Zurich)*

HG-08A33: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

For your health, avoid eating foods that are too fatty, too sugary, or too salty: Articulating the mundane work of healthy eating with public health strategy for dietary sodium reduction

Dupuy Hoang Anne; Alexandra Endaltseva (CNRS)

From organs to fluids: caring for neglected things in liver disease

Rebecca Lynch (University of Exeter)

Un/invited participation - mundane everyday-life practices of device activism in Type 1 Diabetes care

Bianca Jansky (University of Augsburg, Germany)

Crafting a good life in a post-antibiotic age: let it grow!

Eleanor Kashouris (Newcastle University)

P308 Remaking participation and democracy

Combined Format Open Panel

Convenors: *Jason Chilvers (University of East Anglia); Elliot Honeybun-Arnolda (University of East Anglia); Matthew Kearnes (University of New South Wales); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia); Jan-Peter Voß (RWTH Aachen University)*

HG-12A00: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 08:30-10:00**

Mapping ecologies of participation

Jason Chilvers (University of East Anglia); Elliot Honeybun-Arnolda (University of East Anglia); Helen Pallett (University of East Anglia); Phedeas Stephanides (University of East Anglia)

P313 Making and doing ageing and technology

Combined Format Open Panel

Convenors: *Carla Greubel (Utrecht university); Wendy Martin (Brunel University London); Alexander Peine (Open University of The Netherlands); Nete Schwennesen (Roskilde University); Susan van Hees (Utrecht University)*

Agora 4, main building: **Thu 18 Jul 08:30-10:00**

Ailment and ageism: conflicting perspectives on ageing, care, subjectivity and technology from the political economy of care and socio-gerontechnology

Joni Jaakola (University of Jyväskylä)

Ambitions and intentions in technology for care for older adults : analysis of "inscribed" social relationships in social robots, from the ethics of care framework

Yuko Tamaki Welply (EHESS)

Co-creating gerontechnologies with older adults through heterogeneities and vulnerabilities

Florian Fischer (Bavarian Research Center for Digital Health and Social Care); Karina Povse; Katja Antonia Rießenberger (Bavarian Research Center for Digital Health and Social Care)

You have problems: examining the responses of older participants to a digital health self-evaluation

Constance Carrier-Lafontaine; Albane Gaudissart (Concordia University); Camille Normandin (Concordia); Kim Sawchuk (Concordia University)

The essentialist matrix of digital ageism and sexism: Italians grappling with age and gender stereotypes surrounding digital technologies

Francesca Belotti (University of L'Aquila); Francesca Comunello (Sapienza); Mireia Fernández-Ardèvol (Open University of Catalonia); Simone Mulargia (LUMSA University); Paola Panarese (Sapienza, University of Rome)

P320 Unmaking/undoing colonial modernities

Combined Format Open Panel

Convenors: *Saurabh Arora (University of Sussex); Olivia Hegarty (London College of Fashion, University of the Arts London); Cian O'Donovan (UCL)*

HG-06A32: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 08:30-10:00, 10:30-12:00**

Against self-reflexive confessions: collective dialogues to transform North-South collaborations

Kewan Mertens (Armines, Ecoles des Mines de Paris, Paris Sciences et Lettres (PSL)); Adriana Moreno Cely (Vrije Universiteit Brussel); Viola Nilah Nya (Mbarara University of Science and Technology)

Unmaking the colonial Canadian cabin imaginary: documentary film as anticolonial method

Ben Lapierre (Concordia University)

Colonial futures? The modernity of 'new genomic techniques'

Saurabh Arora (University of Sussex); Barbara van Dyck (Université Libre de Bruxelles)

P332 Observation, collaboration, intervention. Navigating tensions and opportunities of engaged methodologies.

Combined Format Open Panel

Convenors: *Tanja Ahlin (University of Amsterdam); Selin Gerlek (University of Amsterdam); Paula Helm (University of Amsterdam); Mone Spindler (University of Tübingen); Aysel Sultan (Technical University of Munich); Roanne van Voorst (University of Amsterdam); Theresa Willem (TUM)*

Discussants: *Tobias Blanke (Kings College London); Jane Calvert (University of Edinburgh); Huub Dijkstra (University of Amsterdam); Klaus Hoeyer (University of Copenhagen); Jeannette Pols (University of Amsterdam)*

Agora 2, main building: **Wed 17 Jul 16:00-17:30, Thu 18 Jul 08:30-10:00**

Session 2: Roundtable on Empirical Ethics & Engaged Methodologies

Klaus Hoeyer (University of Copenhagen)

P353 Corporeal quantification: numerical negotiations of health and the body

Traditional Open Panel

Convenor: *Kim Fernandes (University of Pennsylvania)*

Chair: *Randall Burson (University of Pennsylvania)*

Discussant: *Cal Biruk (McMaster University)*

HG-07A32: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Imaginary of quantification in data-driven healthcare and social services in Finland

Essi Isakka (University of Eastern Finland)

The politics of measuring embodied skills: negotiating contextualization

Olivia Casey (Rutgers University); Karishma Desai (Rutgers University)

Embodying quantification in birth cohort studies

Sahra Gibbon (University College London (UCL)); Taylor Riley (University College London)

Powers of estimation: on the enumerative geographies of humanitarian headcounts

S. Freeman (University of California, Berkeley)

Categorizing complexity: decision making in gender identity measurement

Beck Corby (Rensselaer Polytechnic Institute)

P355 Multispecies urbanism: future of inclusive smart city design

Traditional Open Panel

Convenors: *Tanja Aal (University of Siegen); Laura Scheepmaker (Saxion University of Applied Sciences)*

Discussant: *Konstantin Aal*

HG-09A16: **Thu 18 Jul 08:30-10:00**

Exploring how digital technology facilitates the city's resilient relationship between modernity and tradition, development and preservation

Sunyu Chai (University of Southampton)

Inclusive co-creation: fostering environmental equity in smart cities. A case study of London, Barcelona, and Copenhagen

NIKOLETA VERMEZ (Panteion University)

More-than-human urban rivers in the smart city: teachers and carriers

Rachel Clarke (University of the Arts London); Sara Heilinger (City, University of London); Ann Light (University of SussexMalmö University)

A critical study of app-based recording and detecting biodiversity and wildlife in the urban environments

Gunes Tavmen (King's College London)

Hacking urban development: using critical making and AI to create speculative cityscapes and uncover biases

Alexander Kutschera; Regina Sipos (Technical University of Munich)

P373 Cultural climate models: interactions and mobilities between the 'is' and 'ought' in climate futures

Traditional Open Panel

Convenors: *Warren Pearce (University of Sheffield); Yuting Yao (The University of Sheffield)*

HG-02A37: **Thu 18 Jul 08:30-10:00**

Innovation at the intersections: reimagining climate policy and culture through text and image

Warren Pearce (University of Sheffield); Yuting Yao (The University of Sheffield)

Social imaginaries of ("green") technology: its scripts, myths, rituals and utopias

Pranjali Mann (Simon Fraser University)

Imagining future sustainable eating: a netnography of Danish meat discussions

Amalie Scheel (Aarhus University)

Ranking cultures of climate change: a multimodal comparison beyond the global north

Jake Allcock (University of Sheffield)

P375 How foresight, imagination and innovation studies contribute to transformation – in search for theory and methods

Traditional Open Panel

Convenors: *Alexandra Csabi (Austrian Institute of Technology); Susanne Giesecke (Austrian Institute of Technology); Renata Mandzhieva (Austrian Institute of Technology (AIT)); Masafumi Nishi (AIT, Austrian Institute of Technology); Dana Wasserbacher (Austrian Institute of Technology)*

Chair: *Renata Mandzhieva (Austrian Institute of Technology (AIT))*

Discussants: *Wenzel Mehnert (Technische Universität Berlin); Masafumi Nishi (AIT, Austrian Institute of Technology)*

Agora 3, main building: **Thu 18 Jul 08:30-10:00**

Governing energy futures through modern and contemporary scenario modalities

Michael Rabi (The Hebrew University of Jerusalem); Rotem Rittblat; Limor Samimian-Darash (Hebrew University)

Envisioning the future of UN SDGs: insights from engineering students through futures wheel method

Gül Beyza Kocamış (Middle East Technical University)

P380 Knowledges of ecology and ecologies of knowledge

Combined Format Open Panel

Convenor: *Luisa Cortesi (International Institute of Social Studies)*

HG-08A20: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 11:00-12:30**

Destabilizing western notions of nature through Mapuche dreaming in southern Chile

Ana Edwards

Nurturing liveable relationalities: quality of relations matter for transformations to sustainability

Irmelin Gram-Hanssen (Western Norway Research Institute); Diana E. Lopez; David Ludwig

W454 All hands on deck: writing workshop for English and/or STS as Second Languages (ESL/STSSL) scholars

Workshop

Convenors: *Amanda Domingues (Cornell University); Marlise Schneider (Technical University of Munich)*

HG-08A00: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 09:00-10:30**

09:00-10:30

Session 7b

CP449 Thinking with sheep to understand landscape transformations

Closed Panel

Convenor: Annika Capelán (Aarhus University and University of Cape Town)

Chair: Annika Capelán (Aarhus University and University of Cape Town)

Discussant: Rebecca Woods (University of Toronto)

HG-09A24: **Thu 18 Jul 09:00-10:30**

Putting sheep to the hill in Shetland: reading the relations between sheep and landscapes beyond narratives of destruction

Louisa Crysmann (University of Oslo)

Making a breed: how Swakara became a Namibian sheep breed

Eleanor Schaumann (University of Bayreuth)

Bodies of change: sheep and shifting grounds of relatedness in the Ethiopian highlands

Madlen Hornung (Freie Universität Berlin)

Land transformation in the american west: sheep, herders and tree carvings

Ñaki Arrieta Baro (University of Nevada, Reno)

P003 Outer space: imaginaries, infrastructures and interventions

Combined Format Open Panel

Convenors: Nina Klimburg-Witjes (University of Vienna); Joseph Popper (University of Vienna); Matjaz Vidmar (University of Edinburgh)

Discussants: Eleanor Armstrong (Stockholm University); David Jeevendrampillai; Nina Klimburg-Witjes (University of Vienna);

Richard Tutton (University of York)

Auditorium, main building: **Wed 17 Jul 08:30-10:00, 10:30-12:00, 15:30-17:00, Thu 18 Jul 09:00-10:30**

Worlding cosmic futures: envisioning outerspace narratives through technoscience

Teodora-Sinziana Alata (University of Westminster)

The grass of the universe: "sustainability solution" to Fermi Paradox and the environmental implications of SETI research

Lukáš Likavčan (Waag Futurelab)

Out of this world, but together. Hybrid assemblages and multispecies narratives facing human and non-human life challenges in outer space exploration

Ilenia Picardi (University of Naples Federico II); Marco Serino (University of Naples Federico II)

Exploring strategic visioning for European space futures in the 'making'

Nina Klimburg-Witjes (University of Vienna); Philipp Kürten (University of Vienna)

The ultimate 'bugging out': prepping and the colonization of outer space

Anja K. Franck (University of Gothenburg); Enrike Van Wingerden (University of Amsterdam); Darshan Vigneswaran (University of Amsterdam)

P027 STS approaches to science and religion

Traditional Open Panel

Convenors: Thokozani Kamwendo (Durham University); Sarah Qidwai (York); Sam Robinson (University of York)

NU-3B19: **Thu 18 Jul 09:00-10:30, Fri 19 Jul 10:30-12:00**

The gospel truth: "biblical archaeology" in the Victorian press

Faridah Laffan (Cornell University)

A spiritual science? Boundary work in the teachings of Anthroposophists in a post-truth and post-pandemic Europe

Armanç Yildiz (Humboldt-Universität zu Berlin)

Religious aspects of the crisis of expertise

David Caudill (Villanova University)

Let his heart be changed: reading Nebuchadnezzar's Daniel 4 transformation with recent pig to human heart xenotransplantation

Maura Beste (University of Arizona)

P031 Transforming engagement and communication through play and plays

Combined Format Open Panel

Convenors: Frank Kupper (VU University Amsterdam); Fabien Medvecky (Australian National University); Michiel Van Oudheusden (VU Amsterdam)

Discussant: Marjoleine van der Meij

HG-07A16: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Te takaro raweke ira: playing (and wrestling) with genetic modification

Sara Belcher; Alan King-Hunt (Victoria University of Wellington); Ocean Mercier (Victoria University of Wellington); Symon Palmer (Te Herenga Waka Victoria University of Wellington)

Purposeful games, epistemic anxiety and permissions

Vicki Macknight (University of Otago); Leane Makey; Marie McEntee (University of Auckland); Fabien Medvecky (Australian National University)

Development of a serious game to navigate conflicting perspectives on the integration of nature and agriculture in the Netherlands

Henny van der Windt (University of Groningen); Jorien Zevenberg (University of Groningen)

From article to quest. from reader to gamer. How about having users play through your argumentation?

Inge Hinterwaldner (Karlsruhe Institute of Technology)

P032 Digital Public Goods and the future of the state: new constellations of (digital) statehood between entrepreneurship and state-led innovation

Traditional Open Panel

Convenors: Baki Cakici (IT University of Copenhagen); Bidisha Chaudhuri (University of Amsterdam); Alena Thiel (IT University Copenhagen)

NU-4A67: Thu 18 Jul 09:00-10:30, 11:00-12:30

Algorithmically governed living: exploring a re-imagined citizenship for the digital welfare state

Santtu Räisänen (Centre for Consumer Society Research, University of Helsinki)

Reconfiguration of solution infrastructures through smart city transformations

Benedict Lang (European New School of Digital Studies, Europa Universität Viadrina)

How will central banks make digital dollars? – Fintech infrastructure and the linking of money as a public good to money as a service in Singapore

Emily Chua (National University of Singapore)

P051 Haptic revolutions: sensory futures and phenomenologies of expertise in medical worlds

Traditional Open Panel

Convenors: Denisa Butnaru (University of Konstanz); Taina Kinnunen (University of Oulu)

NU-3B07: Thu 18 Jul 09:00-10:30

Reconstituting the embodied ethics of tactile care work

Taina Kinnunen (University of Oulu)

Simulation-based training – a new professional, material education

Jasmin Dierkes (University of Wuppertal)

Touching (in)visible: haptic vision in early human patient simulations

Sookyong Ko (University of California San Diego)

Encountering expertise: on phenomenological partnerships in rehabilitation worlds

Denisa Butnaru (University of Konstanz)

Haptic ambiguities: tracing touch in medical media technologies

Jason Archer (Michigan Technological University)

P053 What can we do for tomorrow? New sensitivities for long-term governance

Combined Format Open Panel

Convenors: Sophie Kuppler (Karlsruhe Institute of Technology); Laura Müller (Karlsruhe Institute of Technology (KIT)); Stefania Sardo (Karlsruhe Institute of Technology (KIT)); Dirk Scheer (Institute for Technology Assessment and System Analysis (ITAS) at Karlsruhe Institute of Technology (KIT))

HG-05A24: Wed 17 Jul 16:00-17:30, Thu 18 Jul 09:00-10:30

A framework concept of long-term governance

Carsten Hoyer-Klick (German Aerospace Center, Institute of Networked Energy Systems); Sophie Kuppler (Karlsruhe Institute of Technology); Stefania Sardo (Karlsruhe Institute of Technology (KIT)); Dirk Scheer (Institute for Technology Assessment and System Analysis (ITAS) at Karlsruhe Institute of Technology (KIT)); Michael Schmidt (Karlsruhe Institute of Technology (KIT)); Sascha Stark (Forschungszentrum Juelich); Sandra Venghaus (Forschungszentrum Jülich, IEK-STE)

Towards a transformation assessment – observing and (co)shaping sociotechnical transformations

Christian Büscher (KIT); Janine Gondolf (Institute for Technology Assessment and Systems Analysis (ITAS) at KIT); Andreas Lösch (Karlsruhe Institute of Technology); Ulrich Ufer (Karlsruhe Institute of Technology)

Beyond short-term fixes: on conceptual entanglements in addressing long-term issues in urban infrastructures

Laura Müller (Karlsruhe Institute of Technology (KIT))

P106 The promises and fractures of infrastructures: infrastructural imaginaries and the realities of our built world

Traditional Open Panel

Convenors: Rajiv Mishra (Northwestern University in Qatar); Anto Mohsin (Northwestern University in Qatar)

HG-02A00: Thu 18 Jul 09:00-10:30, 11:00-12:30

Futuring mobility, futuring the city: socio-technical imaginaries of demotorizing Southern cities

Govind Gopakumar (Concordia University)

A portrait of power system maintainers and repairers: how the Indonesian state maintains its electric infrastructure to keep its promises

Anto Mohsin (Northwestern University in Qatar)

Detroit, dehydrated: the politics of water shutoffs as infrastructural exclusion

Olivia David (University of Michigan)

The anti-promise of infrastructures: a sense of stagnant development in a China's small village

Wenjing Qiu (Leiden University)

P113 Demystifying data supply chains: perspectives from markets of data sourcing, production, and brokerage

Traditional Open Panel

Convenors: Wanheng Hu (Cornell University); Jamie Wong (Harvard University)

Discussant: Danah Boyd (Microsoft Research)

HG-02A36: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Re-intermediation in data work: the role of mediator organizations in China's data-annotation industry

Tongyu Wu (Zhejiang University)

Negotiating data access in an increasingly datafied world

Sine Zambach (Copenhagen Business School)

Web data futures: reflections on web archiving as 'knowing capitalism'

Jessica Ogden (University of Bristol)

P117 What makes you think you are not a conspiracy theorist?

Combined Format Open Panel

Convenors: Marco Dell'Oca (University of California -- Davis); Gabriel Dorthe (ETH Zürich); Janel Jett (University of Missouri);

Mariam Mauzi (UOSE); Melissa Salm (Stanford University)

HG-01A33: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Conspiratorial epistemes as apophenic politics

Marco Dell'Oca (University of California -- Davis); Gabriel Dorthe (ETH Zürich); Janel Jett (University of Missouri); Mariam

Mauzi (UOSE); Melissa Salm (Stanford University)

In praise of heterodox experts. How conspiracy theorists challenge the hegemonic knowledge order during the corona pandemic

Jaron Harambam (University of Amsterdam)

Conspiracy by template: memetic storytelling and ready-made narrative of distrust

Marc Tuters (University of Amsterdam); Tommaso Venturini (University of Geneva)

Truth under suspicions: dissecting the shared foundations of epistemic injustices and conspiracy theories

Coupey Auréliane (EHESS); Orphee Senouf Pilpoul (Tel Aviv University)

P145 Scientific cultures in conflict and transition: studying reform in action

Traditional Open Panel

Convenors: Nicole Nelson (University of Wisconsin Madison); Bart Penders (RWTH Aachen and Maastricht University); Alex Rushforth (Leiden University)

Theater 3, NU building: **Wed 17 Jul 15:30-17:00, Thu 18 Jul 09:00-10:30**

Unpacking the institutionalisation of 'research culture' reform in UK universities

Rhodri Leng (University of Edinburgh); Robert Smith (The University of Edinburgh); Niki Vermeulen (University of Edinburgh)

Academic air travel reform: ambivalence in action

Max Braun (Universität Hamburg); Simone Rödder (Universität Hamburg)

The agents of impact – research impact agenda as a project in cultural transition

Justyna Bandola-Gill

P182 The order of games: inquiries into playing, organizing, and experimenting with technologies

Traditional Open Panel

Convenors: Katherine Buse (University of Chicago); Ranjodh Dhaliwal (University of Notre Dame)

HG-10A20: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Serendipitous playfulness: navigating orders and indeterminacies in embodied enactments of play

Ruth Dorothea Eggel (University of Bonn)

On zooms and levels: the antinomy of scale as technocultural order

Geoffrey Hondroudakis (University of Melbourne)

Video game databases and the perception of technological order

Katherine Buse (University of Chicago)

P183 AI and the transformation of the democratic state

Traditional Open Panel

Convenors: Nikolaus Poehhacker (University of Klagenfurt); Roger von Laufenberg (VICESSE Research GmbH - Vienna Centre for Societal Security)

HG-15A16: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

The ideological function of AI

Fabian Anicker (Heinrich-Heine-Universität); Golo Flasshoff (Heinrich Heine University Düsseldorf); Frank Marcinkowski (University of Duesseldorf)

Technocracy instead of democracy? Dominant discourses of AI governance

Inga Ulinicane (University of Birmingham)

Taming the artificial, ordering the social: science and politics in AI governance in China, the EU and the US

Yishu Mao (Max Planck Institute for the History of Science)

P186 Exploring challenges and pathways in city-region food system transformation: action research, researcher reflexivity and experiential case studies

Combined Format Open Panel

Convenors: Einar Braathen (OsloMet - Oslo Metropolitan University); Baha Kuban (Demir Enerji); Jonathan Luger (Athena Institute); Lara Mauch (VU Amsterdam); Ana Ramirez Santos (Leitat Technological Center); Marjoleine van der Meij; David Wilde (Leitat Technological Center); Cristina Yacoub López (Leitat)

HG-10A00: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30

Reflections on reflexivity in Rotterdam's food system transformation

Mara de Pater (DRIFT, EUR); Gijs Diercks

The role of food districts in Italy and their links with urban food policies as a long-term path for a more effective food waste reduction strategy

Andrea Iurato (University of Pavia)

Entangling care and accountability in government-supported more-than-food banks in Amsterdam Noord

Jonathan Luger (Athena Institute)

The affective atmosphere of agroecology

Esther Turnhout (University of Twente); Leonardo van den Berg (University of Twente)

P193 Planetary data infrastructures

Combined Format Open Panel

Convenors: Steven Jackson (Cornell University); Stefan Laser (Ruhr-University Bochum); Nancy Mauro-Flude (RMIT); Estrid Sørensen (Ruhr-Universität Bochum)

Chair: Mathilde Lagrola (University Lyon 1 National Research Institute for Agriculture, Food and Environment)

HG-KC07: Thu 18 Jul 09:00-10:30, 11:00-12:30

Give the cloud a fish...: Data infrastructure and planetary aquaculture

Patrick Brodie (University College Dublin)

The data center multiple: tracing heterogeneous data infrastructures in the digital society

Xushan Zhang (Tsinghua University)

Data reliability and toxic exposure: anticolonial feminist approaches to the metrics and technologies of mediating air pollution

Diana Flores Ruíz (University of Washington, Seattle)

Gendered labor, automation, and the political economy of ozone data

Spencer Adams (LMU-Munich)

P208 Expert no more? Digital technologies and the transformation of expertise

Traditional Open Panel

Convenors: Livia Garofalo (Data Society Research Institute); Joan Mukogosi (Data Society Research Institute)

HG-09A32: Thu 18 Jul 09:00-10:30, Fri 19 Jul 08:30-10:00

Who is the expert here? Participatory ethnography of a predictive brain tumor algorithm that challenges the existing hierarchy of expertise amongst physicians

Justien Dingelstad (Erasmus University Rotterdam); Francisca Grommé (Erasmus University Rotterdam); Iris Wallenburg (Erasmus University Rotterdam)

Normative medical expertise and the marginalisation of difference in Femtech

Kristin Collett Caolo (University of Cambridge); Aisha Sobey (University of Cambridge)

The "Liebscher & Bracht" controversy: Youtube health, expertise and contested content

Marius Liedtke (University of Salzburg)

Medical 'experts' on social media: the techno-cultural authority of ADHD TikTok

Deanna Holroyd (The Ohio State University)

P214 Escaping the prison of the present: historicizing sociotechnical imaginaries

Traditional Open Panel

Convenors: Anne Loeber (Athena Institute, VU University); Geert Somsen (Vrije Universiteit Amsterdam)

HG-12A33: Thu 18 Jul 09:00-10:30

Historicizing the whitewashing of class

Suzan Abozyid (Leiden University); Lieke van der Veer (Erasmus University Rotterdam)

Visions of blockchain technology and sustainable food system transformation

Levi Kingfisher (Vrije Universiteit Amsterdam)

Inventing the futures: imagined virtual museums in the past

Nadezhda Povroznic (Technical University of Darmstadt)

Imaginary futures, corporate power: Alcoa's World War II 'imagineering' campaign

Omer Chomski (Bar-Ilan University)

Mobilizing the agency of the 'recipient': maximizing the disruptive quality of imaginaries

Anne Loeber (Athena Institute, VU University); Geert Somsen (Vrije Universiteit Amsterdam)

P233 Un/making more-than-human death and loss

Traditional Open Panel

Convenors: Josef Barla (Goethe University Frankfurt); Franziska von Verschuer (Goethe University Frankfurt/Main)

HG-07A33: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

The cows of the future: shaping life and death in pursuit of a green horizon

ROXANE GABET (University of Liège)

Making death through producing life: Metabolic death work and the emergence of necrovalue

Josef Barla (Goethe University Frankfurt)

Changing climate, changing insects, changing decomposition: remaking research through epistemic loss and threat

Lee Nelson (New York University/New York Institute of Technology)

Un/making death and loss in fertility treatment

Julia Böcker (University of Zurich)

P238 Exploring the transformative powers of neurosciences: new technologies of brain-environment interactions

Traditional Open Panel

Convenors: Luca Chiapperino (University of Lausanne); Barbara Morsello (University of Padova); Ola Söderström (University of Neuchâtel)

Discussant: Ruth Müller (Technical University of Munich)

NU-4B47: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Mice, men, and mountain goats: interspecies relations in the study of brain-injury induced dementias

Gregory Hollin (University of Sheffield)

The complexity politics of biosocial facts: epigenetics, its research designs and the mirage of policy translations

Luca Chiapperino (University of Lausanne)

What's it got to do with the brain? Challenges in mobilising and doing clinical relevance in epigenetic research on mental health

Ruth Müller (Technical University of Munich); Georgia Samaras (Technical University of Munich)

P269 Security unboxed? The inventive potential of tinkering

Combined Format Open Panel

Convenors: Rocco Bellanova (Vrije Universiteit Brussel); Francesco Ragazzi (Leiden University); Jasper van der Kist (University of Antwerp)

HG-10A33: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Tinkering toward European Security

Francis Hunger; Vanessa Ugolini (Vrije Universiteit Brussel)

Tracing data work: an experimental approach

M Leal Causton (Vrije Universiteit Brussel); Alice Whelan (Vrije Universiteit Brussel)

Prison records: a practice-based investigation into socio-technical systems

Tomas Percival (Goldsmiths, University of London)

P317 Calling controversy, again: what role for STS?

Combined Format Open Panel

Convenor: Karen Kastenhofer (Austrian Academy of Sciences)

NU-3A57: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Democratizing the Delphi method: ranking the societal implications of crop gene editing for smallholder farmers

Koen Beumer

Knowledge politics of public participation: the case of a Dutch public dialogue on gene editing in plants

Michelle Habets (The Rathenau Instituut); Phil Macnaghten (Wageningen University)

The roles and responsibilities of plant scientists in the governance of genome-edited crops: what roles and responsibilities for STS can we propose?

Aisha So (Copernicus Institute of Sustainable Development, Utrecht University)

P319 Activating archives, collections and databases

Traditional Open Panel

Convenors: Roos Hopman (Humboldt University Berlin); Tahani Nadim (Humboldt University Berlin)

HG-02A33: **Thu 18 Jul 09:00-10:30**

An event-full archive of images

Jenna Grant (University of Washington)

Feeding AI algorithms with case law material: from the judicial archives to digital big data

Camille Girard-Chanudet (EHESS)

Bringing data to life: on the vital work of color

Roos Hopman (Humboldt University Berlin)

Understanding the "relational" in relational database management systems

Nafis Hasan (University of Amsterdam)

Metadata Gruntwork – Infrastructuring feminist data practices

Lucie Kolb (Basel Academy of Art and Design FHNW); Lara Kothe (Walter Benjamin Kolleg, University of Bern); Philipp Messner

P351 Transforming methods for digital research

Combined Format Open Panel

Convenors: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); Mélanie Millette (Université du Québec à Montréal (UQAM)); David Myles (Institut national de la recherche scientifique)

Chairs: Guillaume Latzko-Toth (Laval University); Florence Millerand (Universite du Quebec a Montreal - UQAM); David Myles (Institut national de la recherche scientifique)

NU-3A06: Wed 17 Jul 09:00-10:30, 11:00-12:30, 16:00-17:30, Thu 18 Jul 09:00-10:30

ROUNDTABLE: Transforming methods: an agenda for the future of qualitative research

Claire Balley (Université de Genève); Guillaume Latzko-Toth (Laval University); Mary Elizabeth Luka (University of Toronto); Annette Markham (Utrecht University); David Myles (Institut national de la recherche scientifique); Grosjean Sylvie (University of Ottawa)

P379 How to reconnect theory and practice of patient and public involvement?

Combined Format Open Panel

Convenor: Sevgi Fruytier (VU Amsterdam)

HG-09A29: Thu 18 Jul 09:00-10:30

Collective tinkering in long term care: the 'ask us!' method

Marjolijn Heerings (Erasmus School of Health Policy Management)

The art of conveying an experience, a cinematic approach to patient stories

Roman Giling (Erasmus University)

Constructions of epistemic justice in mental healthcare

Lizette Krist (Erasmus University Rotterdam); Violet Petit-Steeghs (Erasmus University Rotterdam); Hester van de Bovenkamp (Erasmus University Rotterdam)

The act of frameworking to promote patient engagement in health research

Sevgi Fruytier (VU Amsterdam); Carina Pittens (VU University Amsterdam)

P382 The origins and technological evolutions of silence

Combined Format Open Panel

Convenor: Autumn Brown (University College Dublin)

Chairs: Autumn Brown (University College Dublin); Amelia McConville (Trinity College Dublin)

Agora 1, main building: Thu 18 Jul 09:00-10:30, Fri 19 Jul 11:00-12:30

Unveiling silence: interrogating its dynamics in marginalized communities

Angeliki Lima (University College Dublin)

Exploring the dynamics of smart meter technology adoption in sustainable energy systems in Ireland: a quadruple helix stakeholder perspective

Carrie Anne Barry (Maynooth University); Sadhbh Crean (Trinity College Dublin); Amy Fahy (Maynooth University); Steven McCartney (Maynooth University); Fabiano Pallonetto (Maynooth University)

Safe, but not sound: what we don't talk about in tech education and why it is sorely needed

James Garforth (University of Edinburgh)

Voices in Material Sciences: Enacting Engaged Research

Martin Clancy; Sadhbh Crean (Trinity College Dublin)

P390 Interspecies agencies: controversies, ontologies and new forms of cohabitation

Combined Format Open Panel

Convenors: Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro); Gonzalo Correa (Universidad de la República); Guilherme José da Silva e Sá (Universidade de Brasília)

Chairs: Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro); Gonzalo Correa (Universidad de la República)

Discussant: Gonzalo Correa (Universidad de la República)

NU-3A47: Thu 18 Jul 09:00-10:30, 11:00-12:30

Comrades under siege: insurgents, wildlife, terrain, and colonial force in Royal Aberdare National Park, 1952-1956

Wairimu Njambi (Florida Atlantic University); William O'Brien (Florida Atlantic University)

Herding in the Margins of the State: Struggle, Pastureland, and Environment in the Jordan Valley

Shahar Shiloach (University of Tel Aviv)

Damaged ecologies and unexpected enemies: a dramatic tale on black-neck swans, sea lions and experts in southern Chile

Gustavo Blanco-Wells (Universidad Austral de Chile); Pablo Iriarte (Austral University of Chile)

Among cows, humans, and other beings: political ethnology as an epistemic assemblage

Gonzalo Correa (Universidad de la República)

R444 Beyond Anticipation and Preparedness: Governing Climate Emergencies

Roundtable

Convenor: Andreas Folkers (Justus-Liebig University Frankfurt Institute for Social Research)

Discussants: Stephen Collier (University of California, Berkeley); Orit Halpern (Concordia University); Andrew Lakoff (University of Southern California); Turo-Kimmo Lehtonen (Tampere University)

HG-06A33: **Thu 18 Jul 09:00-10:30**

10:30-11:00

Coffee/tea break

10:30-12:00

The Bernal lecture

Aula, main building

The Bernal Lecture will feature presentations by Annemarie Mol (University of Amsterdam) and Geoffrey Bowker (University of California, Irvine), as well as a celebration of the life and work of Adele Clarke.

10:30-12:00

Session 8a

CP434 Voicing places

Closed Panel

Convenors: Endre Dányi (University of the Bundeswehr Munich); Michaela Spencer (Charles Darwin University)

HG-15A33: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Sounding the uneventful: a politically overdetermined, but still not problematised hyperscale datacentre region

Caroline Anna Salling (University of Copenhagen); Brit Winthereik (IT University of Copenhagen)

Street noise: tracing data politics in urban traffic infrastructures

Martina Klausner (Goethe-Universität Frankfurt am Main)

Cultivating a politics of competent participation in places always already multiple

Michaela Spencer (Charles Darwin University)

P002 The improbable coalition of the “twin” green and digital transitions

Combined Format Open Panel

Convenors: Lucía Arguelles (Universitat Oberta de Catalunya); Cristina García Casañas (Universitat Oberta de Catalunya (UOC)); Zora Kovacic (Universitat Oberta de Catalunya); Paloma Yáñez Serrano (Adam Mickiewicz University)

HG-13A33: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Diversity-toolkit politics in European agriculture policy: technoscience as glue for sustainable agriculture, and the European Union

Mascha Gugganig (Ludwig-Maximilians University of Munich)

Translating green goals into digital means: the political dynamics of EU forest data governance

Jedrzej Niklas (Polish Academy of Science)

The “twin transition” between co-construction and technological determinism – insights from EU policy and Austria’s semiconductor landscape

Anna Pillinger (Johannes Kepler University Linz)

Is digital sovereignty sustainable? The role of economic competitiveness in EU digital policymaking

Orsolya Gulyás (Brussels School of Governance)

The twin green and digital transition: high-level policy or science fiction?

Cristina García Casañas (Universitat Oberta de Catalunya (UOC))

P059 Anticipatory transformations, disruptions and variations 'in' and 'for' Open Science

Traditional Open Panel

Convenors: Andoni Ibarra (University of the Basque Country); Hannot Rodríguez (University of the Basque Country UPV-EHU); Sergio Urueña (University of Twente and University of the Basque Country UPV-EHU)

HG-11A24: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Current open science practices as broken metonymy

Björn Brembs (Universität Regensburg); Jeffrey Bye (University of Minnesota); Anouschka Foltz (University of Graz); Ali Fulsher (University of Minnesota); Monica Gonzalez-Marquez (Forschungszentrum Jülich); Rina Harsch; Ines Schmahl (Forschungszentrum Jülich)

Rethinking futures: ‘not-yet’ relations as triggers for open anticipation

Caterina Del Sordo (University of the Basque Country); Oihana Iglesias-Carrillo (University of the Basque Country UPV-EHU); David-Álvaro Martínez (University of the Basque Country UPV-EHU)

From RRI to open science: potentials and limits of the “open” imperative

Andoni Ibarra (University of the Basque Country); Hannot Rodríguez (University of the Basque Country UPV-EHU); Sergio Urueña (University of Twente and University of the Basque Country UPV-EHU)

P076 “When are we having for dinner”: temporality and the ethico-politics in emerging food technologies

Combined Format Open Panel

Convenors: Mariana Hase Ueta (Wageningen University and Research); Zoë Robaey (Wageningen University)

HG-14A00: Thu 18 Jul 08:30-10:00, 10:30-12:00

Liquid gold: constructing greek olive oil as a health protective asset

Stathis Arapostathis (National and Kapodistrian University of Athens); Vasiliki Karantzavelou (National and Kapodistrian University of Athens)

Producing “plain vanilla”: flavorful abundance and capitalist continuities

Claire Bunschoten (Boston University)

Aftertastes: lingering residues, ‘innovation,’ and american food technology

Ella Butler (Australian National University)

Do Tomatoes (Still) Have Politics?

Aaron Zielinski (UC Berkeley)

P079 STS for societal transformations: cross-disciplinary visions and realities

Traditional Open Panel

Convenors: Chris Foulds (Anglia Ruskin University); Lara Houston (Anglia Ruskin University)

NU-4A06: Thu 18 Jul 08:30-10:00, 10:30-12:00

Mixing it up with ‘embedded STS’ in biodiversity collaborations

Angela Cassidy (University of Exeter); Eleanor Hadley Kershaw (University of Exeter); Paul Merchant (British Library); Susan Molyneux-Hodgson (University of Exeter); Carolyn Petersen (University of Exeter); Mary Stewart (The British Library)

Co-production of knowledge through qualitative methods and interdisciplinary work: a case study of lab-in-the-field experiments in Colombia

María Gutiérrez-Ruan (University of Lausanne)

Interdisciplinary collaborative research for societal transformations: identifying and overcoming barriers in project based research

Julia Leventon (Global Change Research Institute of the Czech Academy of Sciences, CzechGlobe); Tereza Prášilová (CzechGlobe, Global Change Research Institute CAS)

Transmuting material arrangements & the efforts required to make things happen

Teresa Dillon (University of the West of England)

A holistic approach to digital transformation via frugal innovation

Allan Báez Morales (Santa Clara University); Silvia Figueira (Santa Clara University); Mario A. Manzi-Puertas (Javeriana University); Maria Alejandra Pineda-Escobar (Politecnico Granacolombiano)

P081 Politics of carbon sinks. Knowledge, institutions, and shifting understandings of the environment.

Traditional Open Panel

Convenors: Stephanie Barral (INRAE); Antoine Doré; Celine Granjou (Inrae (University of Grenoble-Alps)); Helene Guillemot; Robin Leclerc (INRAE); Leo Magnin (CNRS); Laure Manach (CNRS)

HG-05A16: Thu 18 Jul 08:30-10:00, 10:30-12:00

Carbon futures in the mire? Making peat-based carbon economies viable

Aneurin Merrill-Glover (University of Bristol)

Unravelling the complexities of counterfactual world-making in carbon offset projects: a case study of Rimba Raya

Yuti Ariani Fatimah (University of Cambridge); Jennifer Gabrys (University of Cambridge)

Carbon sink temporalities

Jan Gilles (London School of Economics and Political Science)

P093 (Re)Making AI through STS

Traditional Open Panel

Convenors: Simone Arnaldi (University of Trieste); Francesco Miele (University of Trieste); Stefania Milan (University of Amsterdam)

HG-05A00: Wed 17 Jul 08:30-10:00, 15:30-17:00, Thu 18 Jul 08:30-10:00, 10:30-12:00

Critical constructivism and citizen-centric smart cities: understanding and enabling technical citizenship in platform urbanism

Aphra Kerr (Maynooth University); Jo Pierson (Hasselt University and VUB)

Enacting AI/ML-based systems in the co-design of eHealth interventions

Riccardo Pronzato (University of Bologna)

Robo-trader: an ethnographic study of doing AutomatedFinance

Matthias Kloft (Goethe University Frankfurt)

P110 Microbial methods and practices for doing STS otherwise

Combined Format Open Panel

Convenors: Maya Hey (Centre for the Social Study of Microbes, University of Helsinki); Salla Sariola (University of Helsinki)

HG-11A22: Thu 18 Jul 08:30-10:00, 10:30-12:00

Microbial medi(t)ation: multi-species care assembled by the vagus nerve

Riina Hannula (University of Helsinki)

Beyond control – the microbial and the unruly in urban gardening

Faidon Papadakis (Centre for the Social Study of Microbes, University of Helsinki)

Olfactory printing: prototyping low-tech formats for archiving aromas in fermented foods

Anna Sigriður

P142 Datafied publics

Traditional Open Panel

Convenors: Morgan Currie (University of Edinburgh); Karen Gregory (University of Edinburgh); Catherine Montgomery (University of Edinburgh)

HG-05A33: Thu 18 Jul 08:30-10:00, 10:30-12:00

Still unproven: are data cooperatives ever going to come of age?

Tom Doughty; Niccolò Tempini (University of Exeter)

Making “smart” streetlights public: community histories and imagined affordances

Lilly Irani (UC San Diego)

Workers’ role in the accountability of algorithms: a policy analysis

Gwendolin Barnard (University of Graz)

Platforms on trial. Mapping the Facebook Files/Papers controversy

Matias Valderrama Barragán (University of Warwick)

P160 Entanglements of STS and bioethics: new approaches to the governance of artificial intelligence and robotics for health

Traditional Open Panel

Convenors: Miquel Domènech (Universitat Autònoma de Barcelona); S. Scott Graham (The University of Texas at Austin); Jay Shaw (University of Toronto); Núria Vallès-Peris (Spanish National Research Council - CSIC)

HG-02A24: Thu 18 Jul 08:30-10:00, 10:30-12:00

Contested epistemic obligations of technologically mediated medical decision making

Christian Herzog (University of Lübeck)

Unravelling the socio-technical fabric: entanglements of AI and ethics in medical imaging

Melanie Goisauf (BBMRI-ERIC)

Robots in care: implications for quality care and socio-ethical concerns

Giulia De Togni (The University of Edinburgh)

Robotic regret and algorithmic of responsibility in prostate cancer surgery

Jacob Moses (University of Texas Medical Branch)

Placing a robot in healthcare. Exploring the construction of robot autonomy within a nursing home setting

Miquel Domènech (Universitat Autònoma de Barcelona); Rosanna Ramirez Nethersole (Universitat Autònoma de Barcelona); Núria Vallès-Peris (Spanish National Research Council - CSIC)

P164 STS & ethics: encounters on common ground

Combined Format Open Panel

Convenors: Margarita Boenig-Liptsin (ETH Zürich); Jim Dratwa (European Commission and Woodrow Wilson Center); Karen Huang (Georgetown University)

Theater 2, NU building: Thu 18 Jul 08:30-10:00, 10:30-12:00

The future of climate ethics: STS tools for assessing the emergence of moral thinking

Jonathan Wald (Concordia University)

From ELSI and RRI, to new ethical thinking about the poly-crisis

Melanie Smallman (University College London)

STS & ethics: encounters on common ground

Margarita Boenig-Liptsin (ETH Zürich); Jim Dratwa (European Commission and Woodrow Wilson Center); Karen Huang (Georgetown University)

P231 STS, AI Experiments, and the social good

Traditional Open Panel

Convenors: Torben Elgaard Jensen (Aalborg University Copenhagen); Mathieu Jacomy (Aalborg University); Alf Rehn (SDU University of Southern Denmark); Ida Schröder (Aarhus University)

Theater 7, NU building: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

“Ducks absorb heavy metals” and other quackery: lessons from a live ‘ethical hacking’ experiment on AI-generated scientific disinformation

Denisse Albornoz; June Brawner (The Royal Society); Areeq Chowdhury (The Royal Society); Rumman Chowdhury; Jutta Williams

The (un)fair algorithm: productive ethical frictions between solvable data ethics and situated social work ethics

Ida Schröder (Aarhus University)

Validation of AI and avantgarde music composition

Govert Valkenburg (NTNU Norwegian University of Science and Technology)

P241 Hydrogen pasts and futures

Traditional Open Panel

Convenors: Kornelia Konrad (University of Twente); Michael Kriechbaum (Graz University of Technology); Senna Middelveld; Filip Rozborski (Graz University of Technology); Andreas Weber (University of Twente)

HG-06A00: **Wed 17 Jul 16:00-17:30, Thu 18 Jul 08:30-10:00, 10:30-12:00**

Industry first: the sociotechnical imaginary of Germany as industrial hub in history of policies on hydrogen technologies

Filip Rozborski (Graz University of Technology)

When hype cycles become the mainstream: evidencing a transformation in Germany’s hydrogen fuel cell technological innovation system, 1959 to the present

Malcolm Eames (Cardiff University); Nick Hacking (Cardiff University); Peter Pearson (Imperial College London)

Electrolytic politics: hydrogen futures at the end of oil and gas

Johannes Hollenhorst (London School of Economics and Political Science)

Hydrogen – technofix or the future of the heating transition? Potential conflicts and ambiguities of green hydrogen in municipal heating plans in Lusatia (Germany)

Melanie Jaeger-Erben (Brandenburg University of Technology); Luisa Stuhr (Brandenburg University of Technology Cottbus-Senftenberg)

P260 Rethinking the ‘harm’ in harm reduction movements of drugs and health

Traditional Open Panel

Convenors: Nancy Campbell (Rensselaer Polytechnic Institute); Kari Lancaster (Goldsmiths University of London)

Discussant: Kiran Pienaar (Deakin University)

Theater 1, NU building: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Cleaner evidence? Wastewater-based epidemiology and the problematization of ‘drugs’ and ‘harm’

Kari Lancaster (Goldsmiths University of London)

Ecologies of harm reduction: building an alternative recovery infrastructure in New Mexico

Dan Kabella (University of California, San Francisco)

(Re)sounding bodies in crisis through podcasting as produsage

Lauren Knight (University of Toronto)

P277 Transformation of agency (in the age of machine intelligence)

Traditional Open Panel

Convenors: Marcus Burkhardt (University of Siegen); Karin Knorr Cetina (University of Chicago)

Chair: Hendrik Bender (University of Siegen)

Theater 5, NU building: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Machine learning as concatenations of instruments

Pooja Mohanty (NTNU, Trondheim); Eric Monteiro (NTNU - Norwegian U of Science and Technology); David Ribes (University of Washington)

Robot(icist)s in action: focusing relations between implementing and implemented agency

Marie Großmann (Johannes Gutenberg University)

The Lab as an autonomous agent: advanced developments in laboratory autonomization

Karin Knorr Cetina (University of Chicago); Joshua Silver (University of Chicago)

Machine teaching? Teachers’ professional agency in the age of ML tools in education

Tobias Röhl (Zurich University of Teacher Education)

The co-constitution of human creative agency and machine creative agency in the age of generative AI

Eitan Wilf (Hebrew University of Jerusalem)

P353 Corporeal quantification: numerical negotiations of health and the body

Traditional Open Panel

Convenor: *Kim Fernandes (University of Pennsylvania)*

Chair: *Randall Burson (University of Pennsylvania)*

Discussant: *Cal Biruk (McMaster University)*

HG-07A32: **Thu 18 Jul 08:30-10:00, 10:30-12:00**

Between medicine and religion: numerical evaluation of workplace injuries in Iran

Ahmad Moradi (Freie Universität Berlin)

Quantifying daily life: measurement and testing in home health care

Guillermina Altomonte (New York University); Adrianna Munson (University of Nevada-Las Vegas)

Calculating the gendered microbiome in applied therapeutics

Rebecca Howes-Mischel (James Madison University); Megan Tracy (James Madison University)

The social production of statistics: analysing the role of enumerators in customised socio-economic surveys in India

Vinayak Krishnan (University of Sussex)

11:00-12:30

Session 8b

CP446 Climate Futures: Planned and Unplanned

Closed Panel

Convenor: *Stephen Collier (University of California, Berkeley)*

Chair: *Andreas Folkers (Justus-Liebig University Frankfurt Institute for Social Research)*

HG-06A33: **Thu 18 Jul 11:00-12:30**

Going off-grid: elite infrastructural secession, boundary work, and climate adaptation

Savannah Cox (University of Sheffield)

Deferral as planning practice: climate action and the (un)ending of oil production

Caylee Hong (University of California, Berkeley)

A “mountain of a silt” and an outlet: infrastructures of the political

maira hayat (University of Notre Dame)

A flammable SNAFU (situation normal, all fucked up)

Timothy Neale (Deakin University)

P031 Transforming engagement and communication through play and plays

Combined Format Open Panel

Convenors: *Frank Kupper (VU University Amsterdam); Fabien Medvecky (Australian National University); Michiel Van*

Oudheusden (VU Amsterdam)

Discussant: *Marjoleine van der Meij*

HG-07A16: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Translating the AI vs ecology controversy to the senses? A scientific mediation through a musical performance

Ana Beatriz Duarte (Ceis20 Universidade de Coimbra); Pascal Jollivet (Université de Technologie de Compiègne (UTC)-Alliance Sorbonne Université); Indira Thouvenin (CNRS Heudiasyc University of Technology Compiègne); Bacely YoroBi

Science festivals as means for the transformation of knowledge and play

MIRCEA SAVA (University of Bucharest)

Dragging the haters: tracking hate speech against drag story hour

Harris Kornstein (University of Arizona)

P032 Digital Public Goods and the future of the state: new constellations of (digital) statehood between entrepreneurship and state-led innovation

Traditional Open Panel

Convenors: *Baki Cakici (IT University of Copenhagen); Bidisha Chaudhuri (University of Amsterdam); Alena Thiel (IT University Copenhagen)*

NU-4A67: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Governing (through) healthcare: digital health infrastructure as a global public good

Sandra Baernreuther (University of Lucerne); Sreya Dutta Chowdhury (Universität Leipzig); Smriti Sharma (University of Lucerne, Switzerland)

Gov-tech: from digital public goods to data assets

Burcu Baykurt (University of Massachusetts Amherst)

Reconstructing the “Indian model” of Networked Digitality: The Political Economy of Digital Public Infrastructures, 2009-present

Mila Samdub (Yale Law School)

P106 The promises and fractures of infrastructures: infrastructural imaginaries and the realities of our built world

Traditional Open Panel

Convenors: *Rajiv Mishra (Northwestern University in Qatar); Anto Mohsin (Northwestern University in Qatar)*
HG-02A00: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Connecting the last mile in Africa: A volumetric analysis of internet balloons and rural base stations

Miao Lu (Lingnan University, Hong Kong)

The rise and fall of Yachay the city of knowledge of Ecuador: temporalities, infrastructures and the unmaking of futures

José Gómez (Universidad de Cuenca)

Beyond power lines: electrification in Slovo Park and the interplay of promises and fractures

Eileen Jahn (University of Bayreuth)

Promises and realities of infrastructure in urbanising China

Jialing Luo (Sichuan University)

From smart buildings to smart grids : how the “smart” infrastructures and imaginaries fail to meet their social and environmental promises?

Laure Dobigny (Catholic University of Lille)

P113 Demystifying data supply chains: perspectives from markets of data sourcing, production, and brokerage

Traditional Open Panel

Convenors: *Wanheng Hu (Cornell University); Jamie Wong (Harvard University)*

Discussant: *Danah Boyd (Microsoft Research)*

HG-02A36: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Quantifying vulnerability: the vulnerability assistance framework as an empirical investigation into UN humanitarian data production

Daniel Kryger (University of Washington, Seattle Campus)

Crawling the green: the uncertain role of environmental NGOs as data brokers

Matteo Tarantino (Università Cattolica del Sacro Cuore di Milano)

Lighting bumpy data roads: investigating heterogeneous data supply chains in urban traffic transformation

Catharina Dietrich (Goethe University Frankfurt); Janine Hagemeister (Goethe University Frankfurt)

P117 What makes you think you are not a conspiracy theorist?

Combined Format Open Panel

Convenors: *Marco Dell’Oca (University of California -- Davis); Gabriel Dorthe (ETH Zürich); Janel Jett (University of Missouri);*

Mariam Mauzi (UOSE); Melissa Salm (Stanford University)

HG-01A33: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

All-american perspectivism: searching for climate denialism in flooded north carolina

Karl Dudman

Rethinking anti-Western climate crisis conspiracy theories in the MENA region

Marijn Mado (Stanford University)

Between scepticism and paranoia: the politics of suspicion

Philip Conway (Durham University)

P182 The order of games: inquiries into playing, organizing, and experimenting with technologies

Traditional Open Panel

Convenors: *Katherine Buse (University of Chicago); Ranjodh Dhaliwal (University of Notre Dame)*

HG-10A20: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Gaming houses as organizational spaces: digital infrastructures, built environment, and social structure

Attila Bruni (Trento University); Alessandro Franzó (University of Milan)

The gamification of cybersecurity: organizing and maintaining trust in digital infrastructures

Florian Hoof (Goethe-University Frankfurt)

From chessboards to digital platforms: the impact of the Elo rating system

John Cheney-Lippold (University of Michigan)

P183 AI and the transformation of the democratic state

Traditional Open Panel

Convenors: *Nikolaus Poehhacker (University of Klagenfurt); Roger von Laufenberg (VICESSE Research GmbH - Vienna Centre for Societal Security)*

HG-15A16: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Auditing political transformation: how Swiss citizens use AI to find information about federal-level popular votes

Vihang Jumle (Institute of Communication and Media Studies); Mykola Makhortykh; Maryna Sydorova (University of Bern); Victoria Vziatysheva (University of Bern)

Reflecting on being accountable for high-stake decisions

Sol Martinez Demarco (Harz University of Applied Sciences)

P193 Planetary data infrastructures

Combined Format Open Panel

Convenors: Steven Jackson (Cornell University); Stefan Laser (Ruhr-University Bochum); Nancy Mauro-Flude (MIT); Estrid Sørensen (Ruhr-Universität Bochum)

Chair: Mathilde Lagrola (University Lyon 1 National Research Institute for Agriculture, Food and Environment)

HG-KC07: Thu 18 Jul 09:00-10:30, 11:00-12:30

From the shipping container to the spreadsheet: untangling physical and digital supply chains

Mirko Febbo (Goldsmiths University of London); Anne Steele (The Alan Turing Institute)

Decolonising digital culturescapes: permacomputing from an antipodean perspective

Nancy Mauro-Flude (MIT)

Cuddling with servers: how to experience the planetary relations of data processing?

Estrid Sørensen (Ruhr-Universität Bochum)

P233 Un/making more-than-human death and loss

Traditional Open Panel

Convenors: Josef Barla (Goethe University Frankfurt); Franziska von Verschuer (Goethe University Frankfurt/Main)

HG-07A33: Thu 18 Jul 09:00-10:30, 11:00-12:30

What is lost? Forest dieback and the traces of more-than-human loss

Ann-Kristin Kühnen (TU Dresden)

Becoming with biodiversity loss: conservation and/as mourning

Franziska von Verschuer (Goethe University Frankfurt/Main)

Making extinction into tragedy: conservation, de-extinction, and the objectification of the loss of more-than-humans

Risa Schnebly (Arizona State University)

Species invasion: tracing weedy landscapes in search of past and future more-than-human entanglements

Juliette Billiet (Ghent University)

P238 Exploring the transformative powers of neurosciences: new technologies of brain-environment interactions

Traditional Open Panel

Convenors: Luca Chiapperino (University of Lausanne); Barbara Morsello (University of Padova); Ola Söderström (University of Neuchâtel)

Discussant: Ruth Müller (Technical University of Munich)

NU-4B47: Thu 18 Jul 09:00-10:30, 11:00-12:30

Framing and translating childhood emotional-behavioral disorder as a disability in school

Talia Fried (Hebrew University of Jerusalem); Halleli Pinson (Ben-Gurion University of the Negev); Galia Plotkin-Amrami (Ben-Gurion University in the Negev)

An ethics of scale in neuroscience? Exploring research ethics in small versus large patient cohorts

Alena Buyx (Technical University Munich); Simon Jacob; Ruth Müller (Technical University of Munich); Markus Ploner; Anja K. Ruess (Technical University of Munich); Franziska B. Schönweitz (Institute of History and Ethics in Medicine)

Transforming eligible patients in neuroscience: the case of deep brain stimulation therapy in Italy and Germany

Barbara Morsello (University of Padova); Tamara Pascale Schwertel (University clinic Koeln)

Neurorights on Youtube: investigating ethical considerations of neurotechnology in public discourse

Marcello Ienca (EPFL); Alexander Sobieska (TU Munich)

P258 Astronomy, Observatories, Astrophysics Culture, Indigeneity And Diversity

Traditional Open Panel

Convenors: Jarita Holbrook (University of Edinburgh Harvard Smithsonian Center for Astrophysics); Anissa Tanweer (University of Washington); Lois Trautvetter (Northwestern University)

NU-3A06: Thu 18 Jul 11:00-12:30

Transforming scientific communities through multiple roles: researcher, leader, and mentor

Dharma Dailey (University of Washington); Jana Diesner (TU Munich); Jarita Holbrook (University of Edinburgh Harvard Smithsonian Center for Astrophysics); Erin Leahey (University of Arizona); Anissa Tanweer (University of Washington); Lois Trautvetter (Northwestern University)

How to talk with astronomers: styles and spaces of storytelling

Alex McGrath (University of California, San Diego)

Perceptions of the societal responsibility of astronomers in the context of Africa Millimetre Telescope

Lotte Krabbenborg (Institute for Science in Society, Radboud University); Maaïke Pierik (Institute for Science in Society, Radboud University)

ASTROMOVES and astrophysicists

Jarita Holbrook (University of Edinburgh Harvard Smithsonian Center for Astrophysics)

P269 Security unboxed? The inventive potential of tinkering

Combined Format Open Panel

Convenors: Rocco Bellanova (*Vrije Universiteit Brussel*); Francesco Ragazzi (*Leiden University*); Jasper van der Kist (*University of Antwerp*)

HG-10A33: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Official tinkering : co-opting experimentation in Amsterdam's security fieldlab

Francesco Ragazzi (*Leiden University*)

Speculative fabrication: affirmative tinkering with humanitarian security

Jonathan Luke Austin; Anna Leander (*Geneva Graduate Institute*)

Tinkering with the planet: an affirmative critique

Delf Rothe (*Institute for Peace Research and Security Policy at the University of Hamburg*)

P282 Safe spaces of autonomy

Traditional Open Panel

Convenors: Philip Garnett (*University of York*); Zoe Porter (*University of York*); Darren Reed (*University of York*); Tom Stoneham (*University of York*)

Chair: Philip Garnett (*University of York*)

Auditorium, main building: **Thu 18 Jul 11:00-12:30**

Autonomy, safety, and regulo-solutionism

Tom Stoneham (*University of York*)

Mind over matter: the proliferation of large language models (LLMs) in therapeutic settings

Jean-Christophe Belisle-Pipon (*Simon Fraser University*); Rouleau Geneviève (*Université du Québec en Outaouais*); Zoha Khawaja (*Simon Fraser University*)

Beyond Content Moderation: Algorithmic Mediation And The Design Of Choice

Mustafa Okay (*Middle East Technical University*)

Towards sociotechnical safety assurance of autonomous systems: applying the SOTEC framework of sociotechnical risk analysis to the development of an autonomous robot swarm operating a public cloakroom

John Downer (*University of Bristol*); Peter Winter (*University of Bristol*)

Safety within cyber-physical construction sites

Cordula Kropp (*University of Stuttgart*); Amelie Schreck (*University of Stuttgart*)

P298 Exploring drone agency: sensing, data assemblages & interaction

Traditional Open Panel

Convenors: Katharina Kinder-Kurlanda (*University of Klagenfurt*); Susanne Oechsner (*University of Klagenfurt*); Matthias Wieser (*University of Klagenfurt*)

Chair: Susanne Oechsner (*University of Klagenfurt*)

HG-07A36: **Thu 18 Jul 11:00-12:30**

Augmented visions and sociocultural imaginaries: the transformative impact of drone-generated visuals on perception and practice

Elisa Serafinelli (*Manchester Metropolitan University*)

Aerial media: vertical mediation of air pollution politics in China and South Korea

Youngrim Kim (*Rutgers University*)

Robotic swarms, the military, and the question of (more-than-)human control

Jens Hälterlein (*Paderborn University*)

The circulation of military drones in the Brazilian armed forces: shaping institutions and markets

Pedro Francisco (*University of Virginia*)

Unstable agents: rethinking drones in amazon environmental monitoring

Nina Swen (*International Institute of Social Studies*)

P317 Calling controversy, again: what role for STS?

Combined Format Open Panel

Convenor: Karen Kastenhofer (*Austrian Academy of Sciences*)

NU-3A57: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Asking different kinds of questions, doing controversial transformations differently

Karen Kastenhofer (*Austrian Academy of Sciences*)

After controversy: navigating the 5G stalemate with STS

Nona Schulte-Römer (*Humboldt University Berlin*)

P390 Interspecies agencies: controversies, ontologies and new forms of cohabitation

Combined Format Open Panel

Convenors: Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro); Gonzalo Correa (Universidad de la República); Guilherme José da Silva e Sá (Universidade de Brasília)

Chairs: Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro); Gonzalo Correa (Universidad de la República)

Discussant: Gonzalo Correa (Universidad de la República)

NU-3A47: **Thu 18 Jul 09:00-10:30, 11:00-12:30**

Dialoguing species: designing common worlds through ethnography

Lara Giordana (Politecnico di Torino); Alvise Mattozzi (Politecnico di Torino); Micol Rispoli (Politecnico di Torino); Elisabeth Tauber (Free University Bolzano); Secil Ugur Yavuz (Free University of Bozen-Bolzano); Lisa Maria Zellner (Free University of Bolzano)

Discussing partial encounters: exploring human-animal interactions in Berlin animal enclosures

Santiago Orrego

What is a dog able to do? The street dogs (quiltros) as political actors in a post estallido (uprising) scenario in Chile

Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro)

W456 Justice, Power, and Race in STS: A How-To Workshop on Teaching Scientists

Workshop

Convenor: Sarah McCullough (University of California, Davis)

NU-3B07: **Thu 18 Jul 11:00-12:30**

12:00-13:30

Lunch

12:45-13:45

Lunchtime activities

Transforming Chemistry and Society in STS? Open exchange and networking

HG-08A33

“Decolonizing Data Infrastructures” meetup

HG-06A32

Reaching new audiences through interactive multimedia publishing

HG-02A00

Pathways of STS in South Asia: where we came from and where we can go

HG-06A00

Meet the Editors of Catalyst

HG-07A32

Editorial board meeting of New Genetics and Society

HG-08A20

Meet the Editorial Team of Science & Technology Studies!

HG-07A33

13:30-15:00

Theme plenary - Making and Doing Transformations: Persistences of transformation-oriented scholarship in STS over four decades in three people-places

Aula, main building; live stream in Auditorium and HG-KC07 in the main building, Theater 1 and Theater 3 in the NU building, and online

Moderator: Noela Invernizzi (Universidade Federal do Paraná)

STS Making & Doing for Inclusive and Sustainable Development: Learnings and proposals

Lucas Becerra & Paula Juarez (Institute of Science and Technology Studies, National University of Quilmes)

From democratic dialogue to material agency and back? There’s no such thing as Dutch Making & Doing and this is a story about it

Michiel van Oudheusden & Teun Zuiderent-Jerak (Athena Institute, Vrije Universiteit Amsterdam)

Ground Up Making and Doing: 40 years of research inquiry under Yolngu authority in East Arnhem Land
Michael Christie & Michaela Spencer (Northern Institute, Charles Darwin University)

15:00-16:00

Awards Plenary

Aula, main building

EASST President Maja Horst and 4S President Anne Pollock convene this celebration of the authors who have been honoured with prizes from each of the societies.

EASST

Amsterdamska Award: John Nott (The University of Edinburgh) and Anna Harris (Maastricht University), [Making Sense of Medicine: Material Culture and the Reproduction of Medical Knowledge](#)

Freeman Award: Andreas Birkbak (Roskilde University) and Irina Papazu (IT University of Copenhagen), [Democratic Situations](#)

Ziman Award: [CreaTures \(Creative Practice for Transformational Futures\) project](#)

4S

Ludwick Fleck Prize: *Unmaking the Bomb: Environmental Cleanup and the Politics of Impossibility*, by Shannon Cram (University of Washington Bothell)

Rachel Carson Prize: *Whiteout: How Racial Capitalism Changed the Color of Opioids in America*, by Helena Hansen (UCLA), Jules Netherland (Drug Policy Alliance) and David Herzberg (State University of New York at Buffalo)

David Edge Prize: "An (Un)Natural History: Tracing the Magical Rhinoceros Horn in Egypt," in *Isis: The Journal of the History of Science Society*, by Taylor M. Moore (University of California)

Nicholas C. Mullins Prize: "Situated Indications: Queer STS Experiments on Global Datafication" from the book *Queer Data Studies*, book chapter in *Queer Data Studies*, by Suisui Wang (Indiana University Bloomington)

Infrastructure Prize: Editorial Collective for the journal *Engaging Science, Technology, and Society (ESTS)*

Bernal Prize: Geoffrey C. Bowker (University of California, Irvine) and Annemarie Mol (University of Amsterdam)

16:00-21:00

Forest Festival

Amsterdamse Bos

The Forest Festival on 18 July provides an exciting moment for us to gather and celebrate outside of the confines of the conference. Based in the nearby city forest, the [Amsterdamse Bos](#), delegates are invited to enjoy a complementary mini festival full of delicious food, lively conversation, and some nice surprises.

Friday 19 July

07:45-17:00

Reception desk open

Main building, entrance

08:30-10:00

Session 9a

P007 The technopolitics of (health)care: transforming care in more-than-human worlds

Traditional Open Panel

Convenors: Fay Dennis (Goldsmiths, University of London); Renae Fomiatti (Deakin University); Kiran Pienaar (Deakin University)

HG-13A33: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

The emergence of narcotechsolutionism: inside the possibilities of care

Kate Seear (La Trobe University)

Interrogating trauma-informed care through a politics of 'critical care'

Renae Fomiatti (Deakin University); Kiran Pienaar (Deakin University)

What happened to a 'new normal'? The rise and fall of opioid agonists and their possibilities for doing care differently in post-pandemic times

Fay Dennis (Goldsmiths, University of London)

Collective care at the nexus of the carceral and therapeutic: troubling logics of carceral care in residential alcohol and other drug treatment

Ramez Bathish (Monash University); Cameron Duff (RMIT University); Michael Savic

P008 Transformations in scholarly publishing

Traditional Open Panel

Convenors: Willem Halffman (Institute for Science in Society, Radboud University Nijmegen); Felicitas Hesselmann (German Centre for Higher Education Research and Science Studies); Serge P.J.M. Horbach (Radboud University)

NU-3B05: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Intellectual self-regulation, academic labor, and scholarly publishing as a business: peer review practices in psychology

Wolfgang Kaltenbrunner (Leiden University)

Public Communication as Scholarly Publishing? How sociologists see communicating in the public spheres

Tobias Tönsfeuerborn (Bielefeld University)

The destiny of freed journals. A systematic study of journals that have declared independence from their publisher

Didier Tornay (CNRS)

P035 Sociomaterial intimacy: reflecting on loving, caring, and translating technology

Traditional Open Panel

Convenors: Stefano Crabu (University of Padova); Roberta Spada (Politecnico di Milano)

NU-4A06: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Caring for the city surfaces

David Pontille (CSI - CNRS)

Let's do it weird: unveiling the socio-material intimacy of esports athletes and their (weird) gaming setups

Alessandro Franzó (University of Milan)

Robo-intimacy? The balancing act of caring, neglecting, and fearing robots

Hannah Link (Johannes Gutenberg University, Mainz)

Craftwork, repair, and the work of care

Anna Mudde (Campion College, University of Regina, Canada)

P036 Questioning data annotation for AI: empirical studies

Combined Format Open Panel

Convenors: Camille Girard-Chanudet (EHESS); Assia Wirth

HG-11A33: Fri 19 Jul 08:30-10:00, 10:30-12:00

Justice in data structures? Investigating representations of data work in machine learning practice

SJ Bennett (Durham University); Benedetta Catanzariti (University of Edinburgh); Fabio Tollon (University of Edinburgh)

Anxious annotators, resistance to data extractivism: an ethnographic study of a multidisciplinary novel-generating ai research team in Korea

So Yeon Leem (Dong-A University)

Redefining explainability: a study on the development process of an explainable artificial intelligence in pathology

Oceane Fiant (Université de technologie de Compiègne)

P047 Governing algorithmic models: from ethical-legal evaluation, to interactive and empirical analysis

Traditional Open Panel

Convenors: Daan Kolkman (Utrecht University); Fran Meissner (University of Twente); Gert Meyers; Linnet Taylor (Tilburg University); Gijs van Maanen

HG-09A29: Fri 19 Jul 08:30-10:00, 10:30-12:00

Social identity, AI ethics, and topic selection in the field of computer science

Hao Lin (Stony Brook University, US)

Applied ethics for government algorithms & AI projects. A look at the use of impact assessments and public registers for algorithms in the Netherlands

Iris Muis (Utrecht University); Mirko Schäfer (Utrecht University); Julia Straatman (Data School - Utrecht University)

Gaming model ensembles: digital urban twins and the ethics of rendering

Florence Chee (Loyola University Chicago); Fran Meissner (University of Twente); Michael Nagenborg (University Twente)

Exploring the social and ethical implications of algorithm-based systems in Indian social welfare programs: a case study of Telangana state

Raghvendra Singh Yadav (JNU New Delhi)

P082 The coloniality and racial economy of digital capitalism

Traditional Open Panel

Convenors: Norma Möllers (Queen's University); Pinar Tuzcu (Queen's University)

NU-5A47: Fri 19 Jul 08:30-10:00, 10:30-12:00

Smart borders and racial capitalism

Michelle Pfeifer (TUD Dresden University of Technology)

Racial capitalism and europe's datafied borders: traversing the corporate landscape of data-driven migration governance in Europe

Philippa Metcalfe Philippa Metcalfe (University of Warwick)

Scheduling ship pilots: labor and logistical algorithms under racial capitalism

Jess Bier (*Erasmus University Rotterdam*)

On finding a «capacity to speak». Language, technology, liberation

Nelly Y. Pinkrah (*TU Dresden*)

P100 Planetarity, geology, geo-power: Earth as praxis

Combined Format Open Panel

Convenors: Zeynep Oguz (*University of Edinburgh*); Jerome Whittington (*New York University*)

Chairs: Timothy Neale (*Deakin University*); Zeynep Oguz (*University of Edinburgh*); Jerome Whittington (*New York University*)

HG-12A00: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Terra australis: imperialism's primitive earth

Ann McGrath (*Australian National University*)

The value of sediments and sedimentary values in the Himalayan geology

Saumya Pandey (*Ghent University*)

Grieving stones

Elana Shever (*Colgate University*)

Geocultures after coal: geological remediation of fossil fuel infrastructure in Glasgow

Laura Pannekoek (*Concordia University*)

P114 Why/why not? Creative making, doing, and the (non)generation of knowledge: models, frictions, cases

Combined Format Open Panel

Convenors: Alice Jarry (*Concordia University*); Chris Salter (*Zurich University of the Arts*); Bart Simon (*Concordia University*);

Philippe Sormani (*Zurich University of the Arts*)

HG-15A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Why art work now manifesto

Anna Lytvynova (*ETH Zürich*)

Making space for an ecology of artful practices. On design anthropology, creative coding and neurosurgical planning

Maxime Le Calvé (*Humboldt University in Berlin, ExC Matters of Activity*); Paulina Stefanovic (*HTW Berlin - University of Applied Sciences*); Nayeli Vega Vargas (*Kunsthochschule Berlin Weissensee*)

Growings and gatherings: what kind of knowledge is produced in participatory, more-than-human, machine learning art works?

Jen Southern (*Lancaster University*)

Probing the impossibilities of more-than-human role-play

Lara Houston (*Anglia Ruskin University*)

The artist-researcher in the (northern-Dutch) field, a case-study presentation of a new-media arts project embedded in a large scientific consortium

Agustin Martinez Caram (*Hanze UAS*)

P141 Invisibility and public participation: engaging with disregarded, discarded, and hidden practices

Traditional Open Panel

Convenors: Ellen Stewart (*University of Glasgow*); Olga Zvonareva (*Maastricht University*)

Chairs: Eva Haifa Giraud (*The University of Sheffield*); Francesca Vaghi (*University of Glasgow*); Olga Zvonareva (*Maastricht University*)

HG-07A32: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

The hidden work of charitable fundraising for the NHS: pragmatic ambivalence at the edge of state-provided healthcare

Ellen Stewart (*University of Glasgow*); Francesca Vaghi (*University of Glasgow*)

Cosmopolitics of a healthy city. Invisible participatory practices in low-income neighborhoods

Klasien Horstman (*Maastricht University*); Mare Knibbe (*Maastricht University*); Sanne Raap (*Maastricht University*)

Non-logocentric participation in eco-reproductive labour: labours of life on unstable ground

Massilia Ourabah (*UGent*)

Mundane material participation: blood pressure self-monitoring in the clinic

Jacob Andrews (*University of Nottingham*); Flis Henwood (*University of Brighton*); Kate Weiner (*University of Sheffield*); Catherine Will (*University of Sussex*); Ros Williams (*University of Sheffield*)

P173 Teaching STS to scientists and engineers

Traditional Open Panel

Convenors: Bernhard Isopp (*Technical University of Munich*); Joakim Juhl (*TU Munich*)

HG-14A33: **Fri 19 Jul 08:30-10:00**

Teaching STS to STEM audiences: a journey from core concepts to science fiction

Bernhard Wieser (*Graz University of Technology*)

Responding to scientific controversy: Nietzsche or Weber as guides?

Darrin Durant (*University of Melbourne*)

From problems to issues and from solutions to articulation and stabilization: opening up engineering to collective relations
Alvise Mattozzi (Politecnico di Torino)

Social dimensions of science and engineering: an STS curricula recommendations for engineers and scientists in Latin American universities

Pilar Avendaño Antunez (University of Edinburgh); Bruno Alejandro Orsatti Sanchez (University of Strathclyde)

Site visits: lessons on organizing excursions to places of technoscientific training

Martin Fonck (Technical University of Munich)

P176 Transformations in disaster risk management: towards disaster resilient societies

Traditional Open Panel

Convenors: Kees Boersma (Vrije Universiteit Amsterdam); Nathan Clark; Marleen de Ruiter (Institute for Environmental Studies); Eefje Hendriks (University of Twente)

Chairs: Kees Boersma (Vrije Universiteit Amsterdam); Marleen de Ruiter (Institute for Environmental Studies)

NU-5A57: Fri 19 Jul 08:30-10:00, 10:30-12:00

Practising resilience/doing vulnerability: how health system actors navigate crises and disasters

Roland Bal (Erasmus University Rotterdam); Robert Borst (Erasmus University Rotterdam); Bert de Graaff (Erasmus University Rotterdam); Karin van Vuuren (ESHPM, Erasmus University Rotterdam)

Artificial intelligence and machine learning powered GIS for proactive disaster resilience in a changing climate

Oluwabunmi Dada (Murray State University); Justin Diehr (Murray State University); Ayorinde Ogunyiola (Murray State University)

Community-led disaster risk reduction & resilient building (CD3RB) initiative with self-mobilizing mechanism and upwarding network from the community

Suresh Pandit (Prepared International, Germany)

P190 Psychology in STS: situating its expertise and the process of 'making up people'

Combined Format Open Panel

Convenor: Stéphanie Pache (UQAM)

HG-05A00: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30, 16:00-17:30

Psychology in the forest: nature-based therapeutics and the psychopolitics of 'return'

Des Fitzgerald

Sleep and psychological expertise in the Uruguayan media

Andrea Bielli (Universidad de la República, Uruguay)

The creation of the gifted adult as a clinical object in France: from the talented child to the unsuitable adult

Valentin Maynier (EHES)

It's kind of scientific, and it works: the knowledge and practice in Taiwanese neuro linguistic programming communities

Li Hsuan Chiu (National Yang Ming Chiao Tung University)

The midwife and the trauma: framing negative birth experiences with psychological knowledges and practices

Clara Blanc (HESAV School of Health Sciences, HES-SO University of Applied Sciences and Arts Western Switzerland and University of Geneva (Switzerland)); Solène Gouilhers (University of Geneva); Patricia Perrenoud (HESAV)

P208 Expert no more? Digital technologies and the transformation of expertise

Traditional Open Panel

Convenors: Livia Garofalo (Data Society Research Institute); Joan Mukogosi (Data Society Research Institute)

HG-09A32: Thu 18 Jul 09:00-10:30, Fri 19 Jul 08:30-10:00

Establishing Vigilant Care: Data Infrastructures and the Black Birthing Experience

Joan Mukogosi (Data Society Research Institute)

Situational expertise in the digital knowledge-based work in architecture and engineering

Yana Boeva (University of Stuttgart)

Heterogeneous engineering and big data: the role of boundary spanners in Santiago's public transport

Ignacio Perez (University of Glasgow)

Datafied mnemopolitics and entangled expertise

Benedict Olgado (University of the Philippines)

P213 Soil repair: remediations and relationalities after extractive industries

Combined Format Open Panel

Convenors: Susanne Bauer (University of Oslo); Daniel Münster (University of Oslo); Nora S. Vaage (NTNU)

HG-08A33: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Soil remediations in and through art

Nora S. Vaage (NTNU)

Sky inside the soil

Caroline Ektander (Bauhaus University Weimar); Alexandra Toland (Bauhaus-Universität Weimar)

Celebrating toxicity: the protective role of soil contamination in urban nature flourishing

Uri Ansenberg (The Open University of Israel)

Soils as laboratories of science and politics during periods of transition

Susanne Bauer (University of Oslo); Tokhir Pallaev (University of Oslo)

P220 Technologies of the other: digital, critical, political

Traditional Open Panel

Convenors: Claudia Aradau (King's College London); Tobias Blanke (Kings College London); Dieuwertje Luitse (University of Amsterdam); Annalisa Pelizza (University of Bologna and University of Aarhus)

Chairs: Tobias Blanke (Kings College London); Dieuwertje Luitse (University of Amsterdam)

Discussants: Claudia Aradau (King's College London); Annalisa Pelizza (University of Bologna and University of Aarhus)

Theater 1, NU building: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Automating social security, (re)producing intersectional inequality: a historical approach to studying austerity in the British digital welfare state

Nika Mahnic (Queen Mary University of London)

Data bodies: exploring the technopolitical production of otherness through dataset construction and annotation protocols for medical AI development

Dieuwertje Luitse (University of Amsterdam)

Older adults: eternal others of the digitized world?

Lucie Delias (Université Paul Valéry Montpellier 3)

The othering of the pregnant: an extended case study of dyadic relationship as data

Nini Zhou (University of Illinois, Urbana-Champaign)

What remains of the pandemic: assemblages of digital tech, biopolitics, and alterity in malaysia's 'new normal'

Stefan Bächtold (Monash University Malaysia); Elliott Prasse-Freeman (National University of Singapore)

P262 Reassessing technology in illegal settings

Traditional Open Panel

Convenor: Óscar Moreno-Martínez (Pontificia Universidad Javeriana)

HG-09A16: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Learning by tradition: Vietnamese influence on the FARC-EP

Liliana Duica-Amaya (Georgetown University); Óscar Moreno-Martínez (Pontificia Universidad Javeriana); David Spencer (William J. Perry Center for Hemispheric Defense Studies)

Bricolage of information and communication technologies fragments (ICT) to achieve the buen vivir

Christian Bitar Giraldo (Universidad Javeriana)

Narco-pharma? Reappraising roles, knowledge and innovation of drugs at the fringes of the law

Nayeli Urquiza (Lancaster University)

Digital ethnography of the Polish darknet drug trade community

Piotr Siuda (Kazimierz Wielki University, Poland)

P275 Transforming knowledge formats. Media imaginations of time, space, and scientific discourse beyond print

Combined Format Open Panel

Convenors: Ana María Guzmán Olmos (RWTH Aachen University); Alin Olteanu (RWTH Aachen University); Phillip Roth (RWTH Aachen University)

HG-11A24: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Effective media selection can support scientific transparency

Jeffrey Bye (University of Minnesota); Anouschka Foltz (University of Graz); Ali Fulsher (University of Minnesota); Monica Gonzalez-Marquez (Forschungszentrum Jülich); Rina Harsch; Ines Schmahl (Forschungszentrum Jülich)

Living labs: new formats of collaborative knowledge production and transfer

Gudrun Rohde (RWTH Aachen)

Imagining time: the unwritable epistemic norms of deep time and how to find them

Thomas Venator (RWTH Aachen University)

Eco-bytes: disseminating environmental knowledge with Minecraft

Gaia Amadori (Università Cattolica del Sacro Cuore di Milano); Lavinia Colantoni (Università Cattolica del Sacro Cuore di Milano); Matteo Tarantino (Università Cattolica del Sacro Cuore di Milano)

P292 Finding the potential for junk in technological rupture, breakdown and repair

Combined Format Open Panel

Convenor: Rebecca Carlson (Toyo University)

Discussants: Stephanie Ketterer Hobbis (Wageningen University); Marije Miedema (Rijksuniversiteit Groningen); Ryo Morimoto (Princeton University)

HG-09A24: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Invention, excess, and critique: the display of scrap and the (re)making of the city

Ishani Saraf

Zero waste transitions. The case of organic waste in Brazil

Livia Kampff (University of Coimbra); Gonçalo Santos (University of Coimbra)

P293 Unveiling Chinese digital capital in global mobilities and encounters

Traditional Open Panel

Convenors: Carwyn Morris (Leiden Institute of Area Studies); Yichen Rao (Utrecht University)

Chairs: Carwyn Morris (Leiden Institute of Area Studies); Yichen Rao (Utrecht University)

Discussant: Carwyn Morris (Leiden Institute of Area Studies)

NU-4B43: **Fri 19 Jul 08:30-10:00**

Variegated Chinese digital platforms during and after the pandemic in the Netherlands: the fabrication of digital platform companies and oversea chinese

Yujing Tan (BA International Studies)

Negotiating digital capital: unraveling contested terrains of Chinese fibre optic networks in Switzerland

Lena Kaufmann (University of Zurich)

I don't use it anymore: transnational migrants, replicated platforms and the tension brought by Chinese digital capital

Yijia Zhang (University of British Columbia)

China time machines: the temporal ideologies of Chinese digital loans in southeast Asia

Yichen Rao (Utrecht University)

P320 Unmaking/undoing colonial modernities

Combined Format Open Panel

Convenors: Saurabh Arora (University of Sussex); Olivia Hegarty (London College of Fashion, University of the Arts London); Cian O'Donovan (UCL)

HG-06A32: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 08:30-10:00, 10:30-12:00**

Seeing the way home: towards decolonial asian american naturecultural futurities through Ruth Ozeki's A Tale For The Time Being

Iris Chen (Technical University of Munich)

Mobilizing justice in just transition: organizational solidarity and lessons learned from migrant justice organizing

Shalen Chen (University of Toronto)

Due to Eurocentric modernity? A systems perspective on the (failure) of interaction between the IPCC and UNFCCC

Anna-Katharina Hornidge (IDOS - German Institute of Development and Sustainability); Niklas Wagner

P343 Creative methods in STS: innovative perspectives for citizen inclusion and engagement

Combined Format Open Panel

Convenors: Ana Delicado (Instituto de Ciências Sociais ULisboa); Jussara Rowland (Instituto de Ciências Sociais, Universidade de Lisboa); Clara Venâncio (Faculdade de Belas Artes, Universidade do Porto)

Chair: Jussara Rowland (Instituto de Ciências Sociais, Universidade de Lisboa)

Discussant: Clara Venâncio (Faculdade de Belas Artes, Universidade do Porto)

HG-02A24: **Fri 19 Jul 08:30-10:00**

Participatory energy transition:

Engaging diverse groups of citizens in discussions with municipalities about the energy transition

Laura Scheepmaker (Saxion University of Applied Sciences)

Invoking Artistic Media as Boundary Objects: Co-creating Inclusive Air Quality Informational Displays for the Awar Project

Andrew Grieve (Imperial College London); Kayla Schulte (Imperial College London); Echo Wan (Imperial College London)

New Canterbury: Immersive Storytelling as a Design Method for Joint Future Creation

Nina Kramer (Avans University of Applied Sciences); Sarah Lughart (Centre of Applied Research for Art, Design and Technology)

Using confrontational theatre to promote public engagement regarding Human Germline Gene Editing in underrepresented groups

Martina Cornel; Wendy Geuverink (Amsterdam UMC); Lidewij Henneman; Diewertje Houtman; Michelle Kasprzak (Hogeschool Rotterdam); Josina Kist (Erasmus MC); Sam Riedijk (Erasmus Medical Centre)

Negotiation Theater in the 2020 Taipei Biennial and Beyond — Five Programs of STS and Public Engagement

Wen-Ling Hong (National Kaohsiung University of Science and Technology); Jr-Ping Wang (National Kaohsiung University of Science and Technology)

Zines as communication tools to engage the public in debates about technology

Ana Delicado (Instituto de Ciências Sociais ULisboa); Jussara Rowland (Instituto de Ciências Sociais, Universidade de Lisboa); Clara Venâncio (Faculdade de Belas Artes, Universidade do Porto)

P357 Religious repertoires for socio-ecological transformation

Combined Format Open Panel

Convenor: Timothy Stacey (Utrecht University)

Chair: Simone Kotva (University of Oslo)

NU-6A25: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

The Myth of Transition

Magdalena Dabkowska (Humboldt University)

Rituals of inheritance: exploring the interconnectedness of belief and contamination

Aurora Del Rio (Aalto University)

P366 Untangling ecologies of planetary care: expertise and knowledge-making in multi-species worlds

Combined Format Open Panel

Convenors: Tarmo Pikner (Tallinn University); Christian Ritter (Karlstad University); Rajesh Sharma (University of Tartu, Estonia)

HG-08A20: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Researching landscapes, disasters, and media practices in the Anthropocene

Christian Ritter (Karlstad University)

Mediation, translation, and care: the role of park rangers in the production of conservation in Chile

Gonzalo Aguirre (Brown University); Tomas Undurraga (Universidad Alberto Hurtado)

Entangled temporality and terrains in bordering trajectories of energy transitions

Tarmo Pikner (Tallinn University)

Scales and scaling of seagrass restoration in England

Rhys Madden (LSE)

P368 Sociotechnical formations incentivizing collective goods

Traditional Open Panel

Convenors: Heidrun Åm (NTNU); Karoliina Snell (University of Helsinki); Mette N. Svendsen (University of Copenhagen); Heta

Tarkkala (University of Helsinki)

HG-11A22: **Fri 19 Jul 08:30-10:00**

Imagining collective goods: lessons learnt from Norway

Heidrun Åm (NTNU)

Incentivizing genomic data in an age of ecological peril: who and what belong in the collective?

Olivia Spalletta (University of Copenhagen); Mette N. Svendsen (University of Copenhagen)

Minimizing data for multiple goods – setting up quality registers

Karoliina Snell (University of Helsinki); Heta Tarkkala (University of Helsinki)

Making health data into collective good: centralized “heritage” or shared health common? Epistemic conflict over data governance in France

Laurène Assailly (Université de Strasbourg)

Commoning resources and constructing registries in Australian stem cell research

Rachel Ankeny (Wageningen University); Rebekah Harms; Mengqi Hu; Joan Leach (ANU); Edilene Lopes McInnes (The University of Adelaide); Dianne Nicol (University of Tasmania); Dan Santos (Australian National University); Christine Wells (University of Melbourne)

P371 Repair in outer space, repairing outer space

Traditional Open Panel

Convenors: Réka Patrícia Gál (University of Toronto); Donny Persaud (Cornell University); Lisa Ruth Rand (California Institute of Technology)

Discussant: Donny Persaud (Cornell University)

HG-05A16: **Fri 19 Jul 08:30-10:00**

Guardians of the orbits? Space situational awareness and taming of security leftovers in outer space

Nina Klimburg-Witjes (University of Vienna); Kai Strycker (University of Vienna)

Repair as survival: reimagining the concept of repair in the 'new space age'

Graham Minenor-Matheson (Linköping University)

To queerly go: queer studies, space histories, and space futures

Eleanor Armstrong (Stockholm University); Lisa Ruth Rand (California Institute of Technology)

P377 Engaging experimental methods for transformative knowledge-making: new horizons in STS and ethnographic research

Combined Format Open Panel

Convenors: Angela Marques Filipe (Durham University); Órla Meadhbh Murray (Northumbria University Newcastle)

Discussants: Tiago Moreira (Durham University); Ayo Wahlberg (University of Copenhagen)

HG-10A20: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Research agendas and methodological challenges for feminist anthropology of science and technology in Latin America: exploring podcast interventions

Daniela Manica (Universidade Estadual de Campinas)

Housing exploratory scenarios for minorities in Brussels: an attempt of feminist foresight

Agie Galicy Totolehibe (UClouvain); Emma Peltier (Université Catholique de Louvain)

Exploring olfactory belonging through experimental practice-based research

Lauryn Mannigel (Arizona State University)

Digital experiments with handicrafts: "tantear" beyond borders

Fredy Mora Gamez (University of Vienna)

R480 An Anthropology of the Metabolic Roundtable

Convenors: Maan Barua (University of Cambridge); François Thoreau (University of Liege)

Discussants: François Thoreau (University of Liege); Amy Zhang

Theater 7, NU building: **Fri 19 Jul 08:30-10:00**

09:00-10:30

Session 9b

P009 Marine transformations: exploring the technoscience behind our changing relationship with the seas

Traditional Open Panel

Convenors: Jackie Ashkin (Leiden University); Jose A. Cañada (University of Helsinki); Sebastian Ureta (Universidad Católica de Chile)

HG-02A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Between retrospection and anticipation: academic, environmental and political time in marine sciences

Sarah Schönbauer (Technical University of Munich); Niki Vermeulen (University of Edinburgh)

Navigating the depths: knowledge, relations, and enactments in Swedish marine environmental management

Maria Paulsson (University of Gothenburg)

Follow the float in murky waters: marine carbon observations and their geo-political embeddedness as technoscientific intra-actions

Ramona Haegele (Julius-Maximilians-University Würzburg); Laura Otto (Julius-Maximilians-University Würzburg)

Seeking inscribed understandings of marine biodiversity in emerging technologies

Simon Bush; Samantha Kristensen (Wageningen University); Annet Pauwelussen (Wageningen University)

Seeing with sound: acoustic epistemologies of the oceans & seas

Elexis Williams (Cornell University)

P014 Making science in public: science communication and public engagement in and for transformation

Traditional Open Panel

Convenors: Sarah Davies (University of Vienna); Noriko Hara (Indiana University); Maja Horst (Aarhus University)

HG-KC07: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Enrolling citizens: three archetypes of democratic engagement with AI

Wanheng Hu (Cornell University); Ranjit Singh (Data Society Research Institute)

Scientific information and ingenuous trust in science: engagement and reception of scientific information among Italian high school students

Alessandro Ricotti (Università Cattolica del Sacro Cuore di Milano); Simone Tosoni (Università Cattolica di Milano)

Public engagement with science on social media during the covid-19 pandemic: cross-platform analysis

Seung Woo Chae (Indiana University); Noriko Hara (Indiana University)

Science speaks pop: leveraging popular culture for effective science communication

Charlotte Bruns (Erasmus University Rotterdam); Simone Driessen (Erasmus University Rotterdam); Jason Pridmore (Erasmus University)

Political polarization of attitude toward social sciences and humanities in Japan

Kentaro Watanabe (Rikkyo University)

P022 Exploring innovation ecosystems: theories, methods, and practices for systemic approaches to the governance of science and technology

Traditional Open Panel

Convenors: Christian Herzog (University of Lübeck); Phil Macnaghten (Wageningen University); Philipp Neudert (Human Technology Center, RWTH Aachen University); Merel Noorman (Tilburg University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Chairs: Christian Herzog (University of Lübeck); Philipp Neudert (Human Technology Center, RWTH Aachen University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Discussants: Stefan Bösch (Human Technology Center, RWTH Aachen University); Barbara van Mierlo (Wageningen University)

HG-06A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Cutting the king's head off: the positionality of public engagement research in democratizing science

Anna Aris (VU Amsterdam); Frank Kupper (VU University Amsterdam); Tessa Roedema (Vrije Universiteit Amsterdam); Willemine Willems (VU)

Integrating ethics and society in innovation ecosystems? Towards transformative innovation ecosystems

Stefan Bösch (Human Technology Center, RWTH Aachen University); Philipp Neudert (Human Technology Center, RWTH Aachen University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Structural change as synchronized infrastructuration? The case of the Rhenish Lignite Region

Stefan Bösch (Human Technology Center, RWTH Aachen University)

P046 Digital nationalism: nations between transformation and continuity

Traditional Open Panel

Convenors: Nelli Piattoeva (Tampere University); Aaro Tupasela (University of Helsinki)

Aurora, main building: Thu 18 Jul 08:30-10:00, Fri 19 Jul 09:00-10:30

Stickers and Gifs: Hong Kong's everyday nationalism on social media platforms

Milan Ismail

Population branding in the digital realm

Aaro Tupasela (University of Helsinki)

P064 Getting post-carbon transformations “right”: knowledge, modernity, and temporality in the age of the nuclear (energy) u-turn

Combined Format Open Panel

Convenors: Sarah O'Brien (The University of Manchester); Stephanie Postar (London School of Economics and Political Science)

Discussant: Petra Tjitske Kalshoven (University of Manchester)

Agora 4, main building: Fri 19 Jul 09:00-10:30, 11:00-12:30

The nuclear footprint on the French industrial and energy sectors: disentangling the failed promotion of carbon capture and storage in the light of nuclear hegemony

Xavier Arnaud de Sartre (CNRS, France); Régis Briday (Koncilio HT2S-Cnam); Sébastien Chailleux (Sciences Po Bordeaux)

Small modular reactors: scaling down to better scale-up?

Céline Parotte (University of Liège); Mathias Sabbe (University of Liège)

African nuclear regulators and trust in the (digital) world

Stephanie Postar (London School of Economics and Political Science)

P072 Citizen science: possibilities, tensions, and transformations

Combined Format Open Panel

Convenor: Shachi Mokashi (Vrije Universiteit Amsterdam)

Chairs: Alan Irwin (Copenhagen Business School); Michiel Van Oudheusden (VU Amsterdam)

HG-14A00: Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00

Why measure differently than the government?: Materiality of citizens' radiation measurements in Japan

Nozomi Mizushima (Eikei University of Hiroshima)

Socially robust knowledge through citizen science: a case study on monitoring noise pollution(± 15 min paper presentation)

Janneke Elberse; Laurens Hessels (Rathenau Instituut); Kirsten Vegt (National Institute for Public Health and the Environment (Dutch RIVM))

Citizen science and digital health.

Towards a reconfiguration of the air pollution problem?

Justyna Moizard-Lanvin (Université Paris Cité)

Citizen Science Without Science: Temporality and vulnerability of Citizen Observatories

Parissa Mokhtabad Amrei (Chalmers University of Technology)

Citizen science and community-based methods: a rights-based approach to community-centered microplastics monitoring

Riley Cotter (Memorial University)

P108 Quantum for the grand societal challenges

Traditional Open Panel

Convenors: Astrid Bötticher (University of Innsbruck); Zeki Can Seskir (Karlsruhe Institute of Technology); Pieter Vermaas

Discussant: Christopher Coenen (Karlsruhe Institute of Technology (KIT))

NU-4A67: Fri 19 Jul 09:00-10:30, 11:00-12:30

Quantum randomness as a promising prophecy: exploring ‘emerging ontologies’ through emerging technologies makings and doings

Lorena Xiomara Gonzalez Acero (Università di Padova)

Quantum Technology – a social network analysis

Astrid Bötticher (University of Innsbruck); Volker Gast; Rashid Mustafin (Friedrich Schiller University Jena)

Ethics for quantum technologies on a warming planet

Pierluigi Masai; Oxana Mishina (CNR - National research council); Katia Rivera (University of Trieste)

Advancing the quantum innovation paradigm: using AI governance frameworks to identify gaps within quantum governance strategies and their narratives

Fabienne Marco (Technical University of Munich)

Why teach quantum on your own time: The values of grassroots organizations involved in quantum technologies education and outreach

Ulrike Genenz (RWTH Aachen); Adrian Schmidt (Institute for Technology Assessment and Systems Analysis (ITAS), KIT); Zeki Can Seskir (Karlsruhe Institute of Technology)

P118 Rebuilding the future: how right-to-repair sparks transformation

Traditional Open Panel

Convenors: Arsev Umur Aydinoglu (Middle East Technical University); Müge Çetin (Ozyegin University Faculty of Law); Başak Özparlak (Ozyegin University); Arda Bülbül Yazıcı (TOBB University of Economics and Technology)

NU-3A57: **Fri 19 Jul 09:00-10:30**

Repair, the ingenuity of street-tailors

Sucharita Beniwal (National Institute of Design, Ahmedabad, India)

Redefining societal values: exploring repair and the right-to-repair movement

Arda Bülbül Yazıcı (TOBB University of Economics and Technology)

Reciprocal collaboration within the co-design of a transformative sustainable product system: ethnographic research on repair at The Bike Kitchen

Dirk Ploos van Amstel (Eindhoven University of Technology); Michael Tahmoressi (University of Minnesota TU Delft)

Hands dirty, soul clean: can repair teach us to live more sustainably?

Arsev Umur Aydinoglu (Middle East Technical University)

AI integration in product design: enhancing repairability and sustainability

Cigdem Sena Kizmaz (Middle East Technical University); Oyku Kurt Ozkara (Middle East Technical University)

P124 The Green Anthropocene? Transforming environments by transforming life

Traditional Open Panel

Convenors: Selen Eren (University of Oulu); Anna Krzywoszynska (Oulu University); Erika Szymanski (Colorado State University)

HG-12A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

What is the value of the earth? French agroindustry in the Anthropocene

Justine Leret (Frankfurt Goethe University)

Control and complexity: negative emissions and the attempted coupling of industrial and terrestrial carbon

Béatrice Cointe (Centre de Sociologie de l'Innovation (CSI))

Rural commons (RC) for a new green Anthropocene. Italian law 168/2017 and the real action of the owner communities for protection of territories of life

Mauro Job (University of Trento); Marta Villa (University of Trento)

Renovations for the Anthropocene: A Himalayan case study of green revolution, honeybees, and the future of postcolonial agricultural sciences

Syed Shoaib Ali (Southasia Institute of Advanced Studies, Kathmandu, Nepal); Rohit Negi (Ambedkar University Delhi); Kesang Thakur (Ca' Foscari University of Venice)

Tweaking life to transform environments, but on whose terms? Indigenous Australian perspectives on synthetic biology for sustainable transformations

Kirsty Wissing (Australian National University)

P131 How to research medical AI?

Combined Format Open Panel

Convenors: Renate Baumgartner (VU Amsterdam); Kevin Wiggert (Technical University of Berlin)

Chairs: Renate Baumgartner (VU Amsterdam); Kevin Wiggert (Technical University of Berlin)

Discussant: Anamaria Malešević (Catholic University of Croatia)

HG-06A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Scale, comparison, affect: designing team ethnography in informatics-informed medicine

Catherine Montgomery (University of Edinburgh)

Entangled processes: navigating ethnography to explore the dynamics of implementing generative AI in clinical practice

Philip Barrison (University of Michigan Medical School); Alexandra Vinson (University of Michigan)

Making AI's impact on pathology visible: using ethnographic methods for ethical and epistemological insights

Megan Milota (University Medical Center Utrecht)

Tracing visions and practices of use of AI-based systems in healthcare

Jana Pannier (Weizenbaum Institute for the Networked Society)

P139 Critical transformations in and of mathematics

Combined Format Open Panel

Convenors: Michael Barany (University of Edinburgh); Zheng Li

Chairs: Michael Barany (University of Edinburgh); Zheng Li

Discussants: Michael Barany (University of Edinburgh); Zheng Li

HG-01A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Critically locating mathematics
Michael Barany (University of Edinburgh)

Perspective and the poetics of context: topology, embedding, and dimensionality
William F Stafford Jr (Harvard University)

Mathematics around the kitchen table: social, interactional, and embodied negotiations in knowledge production
Arundhati Velamuri (New York University)

P189 The ends of hope: post-optimistic futures worth working towards
Combined Format Open Panel

Convenors: Blanca Callén (Autonomous University of Barcelona); Paul Dourish (UC Irvine); Sophia Efstathiou (Norwegian Uni. of Science and Technology); Elliott Hauser (University of Texas at Austin); Matt Ratto (University of Toronto)
Discussant: Steven Jackson (Cornell University)
HG-02A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

The ontology of hope: plans, agency, and the presence of the future
Elliott Hauser (University of Texas at Austin)

Infrastructural e-waste and the dismantling of mobile network generational promises
Blanca Callén (Autonomous University of Barcelona); Cristina Cano (Internet Interdisciplinary Institute, Universitat Oberta de Catalunya); Ion Fernández de las Heras (Universitat Oberta de Catalunya (UOC))

Negotiating biotechnical imaginary of hope
Xisai Song (The University of Texas at Austin)

P224 Big data and artificial intelligence global asymmetries: infrastructures, skills, uses, value and side effects
Traditional Open Panel

Convenors: María Belén Albornoz (Latin American Faculty of Social Sciences (FLACSO-Ecuador)); Henry Chavez (Université Paris Cité, Ceped, IRD - CTS Lab FLACSO Ecuador)
HG-07A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Beyond technology: unveiling global disparities in big data and AI from literature to public policies in a cross-continental analysis
Renata Mielli (University of São Paulo); Ergon Cugler de Moraes Silva (Getulio Vargas Foundation (FGV))

Multipolarity and south-south relations: a cautionary tale for STS scholars
Guilherme Cavalcante Silva (York University)

Data-driven governance in the global south and global north: a comparative case study between China and the UK
Yiping Cao (University of Edinburgh); Xiaobai Shen (University of Edinburgh); James Stewart (University of Edinburgh)

P247 Democratic engagements enacted in and by energy transitions
Traditional Open Panel

Convenors: Thomas Berker (Norwegian University of Science and Technology); Sampsa Hyysalo (Aalto University); Gisle Solbu (Norwegian University of Science and Technology)
Discussant: Marianne Ryghaug (Norwegian Univ. of Science and Technology)
Theater 2, NU building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Infrastructuring participation: the impact of energy transition knowledge systems
Antti Silvast (LUT University)

Co-creation, co-production, co-design: a modest proposal to refine our analytical and practical toolbox for sustainable urban change
Thomas Berker (Norwegian University of Science and Technology)

Has sts developed a blind spot for “normal” politics? Revisiting politics with a capital P in energy transitions
Tomas Moe Skjølsvold (Norwegian Uni. of Science and Technology); Gisle Solbu (Norwegian University of Science and Technology)

Exploring socio-technical principles for commons-enabling technologies
Michael Ornetzeder (Austrian Academy of Sciences)

P267 Troubling exposure: (counter)-knowledge practices and the democratization of environmental epistemologies
Combined Format Open Panel

Convenor: Cynthia Browne (Max Planck Institute for the History of Science)
Chair: Cynthia Browne (Max Planck Institute for the History of Science)
Agora 2, main building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Uneven exposures: a million bats and not-so-public health at a Texas prison
Emma Pask (University of Chicago)

Getting to justice amidst excess excrement: troubling state logics of environmental harm
Mollie Donovan; Danielle Koonce (University of Maryland); Ben Pluska (Appalachian State University); Dana Powell (Taipei Medical University); Rebecca Witter (Appalachian State University)

The people are the experts: disrupting scientific and technical ways of knowing ‘safety’ in U.S. air pollution regulation and monitoring
Ember McCoy (University of Michigan)

Intra-mediary expertise: from public understanding of science to "expert understanding of the public" after Fukushima
Hiroko Kumaki (Oberlin College)

P281 Transnational/transdisciplinary/transforming – collaborative forms of teaching gender, diversity and sustainability in STEM subjects

Traditional Open Panel

Convenors: Sahra Dornick (Technische Universität Berlin); Elizabeth Marcial; Juan Carlos Valarezo (Pontificia Universidad Católica del Ecuador); Ana Carolina Vázquez (Tecnologico de Monterrey)

HG-10A33: **Fri 19 Jul 09:00-10:30**

Towards cultivating global citizenship: innovations in multicultural education through technology-enhanced learning
Ana Carolina Vázquez (Tecnologico de Monterrey)

Facilitating COIL: orchestrating global collaborative learning experiences
Sahra Dornick (Technische Universität Berlin)

Transforming research relations on life by teaching anti-racist queer-feminist STS to students of biochemistry
Waltraud Ernst (Johannes Kepler University Linz)

Embedding diversity and complexity in STEM educational resources against stereotypes: the OLA project
Claudia Pennacchiotti (Italian National Research Council); Valentina Tudisca (National Research Council of Italy); Adriana Valente (The National Research Council of Italy)

Unleashing creativity - empirical insights into mechanical and plant engineering education in germany
Anna-Kathrin Wimmer (Ludwig-Maximilians-Universität (LMU Munich))

P286 Beyond polarisation: approaches to vaccination

Traditional Open Panel

Convenors: Simon Bailey (University of Kent); Lesley Branagan (Hamburg University); Rebecca Cassidy (University of Kent); Anna Dowrick (University of Oxford)

NU-4B47: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Don't let vaccines divide us! Alienation as a diagnostic tool for public health crises
Shiwei Chen (Erasmus University Rotterdam)

With polio is the ability to look to the older generation: reviving public health memories and epidemiological pasts in contemporary disease events
Ben Kasstan (London School of Hygiene Tropical Medicine)

Responsible vaccination and the biopolitics of the COVID-19 vaccination campaign in the Philippines
Vincen Gregory Yu (University of Sydney)

Moral vaccination? Ethical regimes in the biopolitics of Covid vaccinations in Germany. An ethnographic discourse analysis
Florian Helfer (Universität Hamburg)

P288 Biomedicine after its undoing

Combined Format Open Panel

Convenors: Randall Burson (University of Pennsylvania); Ross Perfetti (University of Pennsylvania)

Chair: Ross Perfetti (University of Pennsylvania)

Auditorium, main building: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

They think we wear loincloths: place-based stigma, colonial biomedicine, and the Puerto Rican physician migration crisis in the post-Maria era
Mark Padilla (Florida International University)

Mental health diagnoses and care: unravelling diagnostic practices in/for schools
Samanta Alarcon-Arcos; Sebastian Rojas-Navarro (Universidad Andres Bello)

Collective tinkering in the serbian healthcare system: mutual aid, care, and technology
Anika Jugović Spajić (University of Pittsburgh)

Deemphasizing biomedicine in the formation of clinical expertise
David Ansari (University of Illinois College of Medicine)

P290 Sociotechnical transformations of health care: practices of objectivations, knowledge translation and new forms of agency

Traditional Open Panel

Convenors: Heike Gerdes (University of Applied Sciences); Jannis Steinke (TU Braunschweig); Anja Trittelvitz (Hochschule EmdenLeer)

Chair: Jannis Steinke (TU Braunschweig)

HG-15A16: **Fri 19 Jul 09:00-10:30**

Sociotechnical futures: how stakeholders envision the use and reconfiguration of healthcare through digitization
José da Costa (CRIA - Centre for Research in Anthropology)

I simply had no idea what I was allowed to do. Self-tracking as a popular method by and for patients to explore and understand their own chronic illness in more detail
Ann Kristin Augst (TU Dortmund)

Performing health for a disembodied listener: vocal biomarker technology as aesthetic agent

Karin Bogdanova (TU Delft)

Digital transformation of European healthcare systems: gaining insights from the adoption of video-consultation

Frederique Bone (Fraunhofer ISI); Tanja Bratan; Piret Fischer; Nils B. Heyen (Fraunhofer ISI); Tanja Kaufmann

P294 The right tools for sustainability research? Perspectives on transforming and transformative methods

Combined Format Open Panel

Convenors: Britta Acksel (Wuppertal Institute for Environment, Climate, and Energy); Anja Klein (Humboldt-Universität Berlin); Catharina Lüder (Technische Universität Berlin)

Discussant: Joerg Niewoehner (Technical University of Munich)

HG-02A37: **Fri 19 Jul 09:00-10:30**

Ethnographizing sustainable groundwater management: ethnographic contributions to inter- and transdisciplinarity beyond auxiliary science

Kristiane Fehrs (Technical University Dresden); Fanny Frick-Trzebitzky (ISOE); Dženeta Hodžić (ISOE - Institute for social-ecological research); Ulrike Mausolf

Sustainability assessment: transformative or incrementalist?

Ben Purvis (University of Sheffield)

Justice-centered research: good practices for sustainability and transformation research with marginalized communities in European urban centers

Yari Or (Frankfurt University of Applied Sciences)

Beyond participation: an ethnographic perspective on enactments of knowledge and social order in participatory modelling

Krystin Unverzagt (Humboldt-Universität zu Berlin)

P296 LLMs and the language sciences: material, semiotic, and linguistic perspectives from STS and linguistic anthropology

Traditional Open Panel

Convenors: Michael Castelle (University of Warwick); Siri Lamoureaux (University of Siegen); Anna Weichselbraun (University of Vienna)

Chair: Siri Lamoureaux (University of Siegen)

HG-05A24: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Contextualizing high-dimensional communication: the relevance of linguistic anthropology for theorizing large language models

Michael Castelle (University of Warwick)

LLMs as conversational agents in the interview society

Spencer Kaplan (Yale University)

Crafting Arabic: the work of metaphor in constructing LLMs within Jordan's digital content 'powerhouse'

Tariq Adely (George Washington University)

Human tests for machine models: listening for the echo of the archive

Noya Kohavi; Anna Weichselbraun (University of Vienna)

P299 New notions of research quality

Combined Format Open Panel

Convenors: Tjitske Holthrop (CWTS, Leiden University); Marta Sienkiewicz (Leiden University); Thed van Leeuwen (Leiden University)

NU-4A25: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Research quality in SSH research: traditional and new notions of quality in the face of epistemic capitalism

Florian Bayer (University of Vienna)

Hoping to be seen favorably and well: exploring researchers' practices of valuation when applying for ERC Starting and Consolidator Grants

Mallory James (Technical University of Munich); Ruth Müller (Technical University of Munich)

Understanding the role of dissent in scientific quality control

Ann-Christin Fischer (Ruhr-University Bochum)

Questioning quality: how researchers (e)valuate knowledge about COVID-19 during the pandemic

Ruth Müller (Technical University of Munich); Michael Schönwolff (Technical University of Munich)

De-quantifying academic quality through a research assessment reform intervention

Marta Sienkiewicz (Leiden University)

P342 Making and doing transformations in feminist science & technology studies

Combined Format Open Panel

Convenors: Andrea Bossmann (Freie Universität Berlin, Technische Universität Berlin); Martina Erlemann (Freie Universität Berlin); Petra Lucht (Freie Universität Berlin)

NU-3A06: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Transgressive learning through the agroecological Logbooks: at the interface of feminist praxis and feminist STS in rural Bahia, Brazil

Esther Milberg Muñiz (Wageningen University Research)

Green Energy in Transversal Narratives: Intra-Action with Andean's Cosmovision and Lithium Mining

Tamar Grosz (Technical University Berlin)

Interweaving of technologies and dominant models of thought in performative realities

Gertrud Schrader (Leibniz Universität Hannover)

International Schools on Gender & Diversity in Science, Technology & Society for students at technical universities of the European ENHANCE Alliance network

Petra Lucht (Freie Universität Berlin); Bärbel Mauß (Technical University Berlin)

P376 What are we missing, what do we take for granted? Disruption and reconfiguration of public participation in science and technology studies

Traditional Open Panel

Convenors: Iñaki Goñi (University of Edinburgh); Eugenia Rodrigues (University of Edinburgh)

Discussant: Eugenia Rodrigues (University of Edinburgh)

HG-07A16: **Fri 19 Jul 09:00-10:30**

Democratic deliberation and technology: which is the answer, which is the question?

Iñaki Goñi (University of Edinburgh)

Co-creating solutions for meaningful public engagement with policymakers

Esther baar (Rathenau Instituut); Anne-Floor Scholvinck (Rathenau Instituut)

Living labs - overlooked sites of science communication and public participation. Findings from a scoping review

Miriam Welz (Leipzig University)

Public participation in techno-scientific controversies: the case of the Italian Turin-Lyon railway line

Federica Cagnoli (University of Genoa)

W454 All hands on deck: writing workshop for English and/or STS as Second Languages (ESL/STSSL) scholars

Convenors: Amanda Domingues (Cornell University); Marlise Schneider (Technical University of Munich)

HG-08A00: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 09:00-10:30**

10:00-11:00

Coffee/tea break

10:30-12:00

Session 10a

P007 The technopolitics of (health)care: transforming care in more-than-human worlds

Traditional Open Panel

Convenors: Fay Dennis (Goldsmiths, University of London); Renae Fomiatti (Deakin University); Kiran Pienaar (Deakin University)

HG-13A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Reconfiguring care at a distance: The case of online group clinics

Chrysanthi Papoutsis; Sara Shaw (University of Oxford); Jackie van Dael (University of Oxford)

Navigating the intersection of technology and empathy: an ethnographic study of remote homecare assistance in the Netherlands

Eliana Bergamin (Erasmus University Rotterdam)

Care crises and welfare technology: practices and imaginaries informing the digitalization of elder care

Maria Arnelid (Linköping University)

Caring for clefts: a study of multidisciplinary care regimes

Ella Hillström (Stockholm University)

P008 Transformations in scholarly publishing

Traditional Open Panel

Convenors: Willem Halffman (Institute for Science in Society, Radboud University Nijmegen); Felicitas Hesselmann (German Centre for Higher Education Research and Science Studies); Serge P.J.M. Horbach (Radboud University)

NU-3B05: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Open access and ethical responsibility: choreographing scholarly publishing in the digital era

Anne Dippel (Friedrich-Schiller-Universität Jena); Sarah Thanner (Friedrich Schiller University Jena)

The role of petition in scientists' social movements. Dynamics of chemists' mobilization around Open Access policies

Marianne Noël (Université Gustave Eiffel)

Mapping collaboration in open access research: insights from Latin America

Natalia Márquez-Bustos (Pontificia Universidad Javeriana)

Exploring scientists' perceptions and attitudes towards questionable academic journals

Eduard Aibar (Universitat Oberta de Catalunya)

P027 STS approaches to science and religion

Traditional Open Panel

Convenors: Thokozani Kamwendo (Durham University); Sarah Qidwai (York); Sam Robinson (University of York)

NU-3B19: **Thu 18 Jul 09:00-10:30, Fri 19 Jul 10:30-12:00**

STS and Religious Studies on truth and knowledge, through the voices of Emile Durkheim and Ludwik Fleck

Alison Renna (Yale University)

From 'new Japanese religions' (shinshūkyō) to alternative movements in Europe: the circulation of microbes and associated practices

Paul Coeurquetin (Toulouse Jean Jaurès University)

The Simulation Hypothesis as a new technoscientific religious narrative

Rizwan Virk (Arizona State University)

P035 Sociomaterial intimacy: reflecting on loving, caring, and translating technology

Traditional Open Panel

Convenors: Stefano Crabu (University of Padova); Roberta Spada (Politecnico di Milano)

NU-4A06: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

The undoing of a day-to-day business. How Swiss telephone maintainers perceived themselves and their work (1927-1959)

Riccardo Ferrigato (USI Università della Svizzera italiana (Switzerland))

What happens when technologies are abandoned? Tracing phantom networks as a form of repair

Marcello Aspria (Erasmus School of Health Policy Management)

Restoring physics memories and particle accelerators: maintenance and repair as Intangible Cultural Heritage (ICH)

Simona Casonato (Museo Nazionale Scienza e Tecnologia Leonardo da Vinci Milano)

Improvisation and reorganizing orders: crafting prostheses as bricolage in the complex landscape

Chenchen Ma (University of Amsterdam)

P036 Questioning data annotation for AI: empirical studies

Combined Format Open Panel

Convenors: Camille Girard-Chanudet (EHESS); Assia Wirth

HG-11A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

What is a news story? Articulating editorial values in data annotation practices for news production

Nanna Thylstrup

Redefining annotation expertise: the case of Nigerian cultural custodians and language preservation

Seyi Olojo (University of California, Berkeley)

How to code a court decision?

Annotation, analysis and modeling through the prism of Law

Héloïse Eloi-Hammer (Sciences Po Paris)

P039 [MAYS] the dynamic landscape of medical anthropology: scientific expertise and public engagement in the transformation of disciplinary boundaries

Combined Format Open Panel

Convenors: Magdalena Góralaska (University of Warsaw); Xu Liu (Goldsmiths, University of London); Matteo Valoncini (Alma Mater Studiorum - University of Bologna)

NU-4B43: **Fri 19 Jul 10:30-12:00**

The positioning of scientific expertise and biomedical knowledge production in China's handling of COVID-19: a view from medical anthropology

Xu Liu (Goldsmiths, University of London)

The production of a re-socialized biomedical knowledge. How medical anthropology can build a virtuous bound in the co-construction of meaning.

Federica Gozzo

The multi-criteria decision analysis: reflections on technologies of mediation in interdisciplinary scientific policy advice

Charlotte Waltz

Explaining (medical) controversies or solving them? Tackling expectations of solutionism in the public employment of anthropological critique

Magdalena Góralaska (University of Warsaw)

P047 Governing algorithmic models: from ethical-legal evaluation, to interactive and empirical analysis

Traditional Open Panel

Convenors: Daan Kolkman (Utrecht University); Fran Meissner (University of Twente); Gert Meyers; Linnet Taylor (Tilburg University); Gijs van Maanen

HG-09A29: Fri 19 Jul 08:30-10:00, 10:30-12:00

Can STS save us from boring AI governance? A study into the materialisation of morality in AI governance frameworks and methods

Rob Heyman (Vrije Universiteit Brussel)

Situating AI. From colonial histories and political economies to visionary ethics

Paula Helm (University of Amsterdam); Thomas Poell (University of Amsterdam)

Platform illegalism

Luke Stark (Western University)

P082 The coloniality and racial economy of digital capitalism

Traditional Open Panel

Convenors: Norma Möllers (Queen's University); Pinar Tuzcu (Queen's University)

NU-5A47: Fri 19 Jul 08:30-10:00, 10:30-12:00

Extractivist erotics: artificial intelligence, deepfake labor, and techniques of racial extraction

Mitali Thakor (Wesleyan University)

The colonial continuities of surveillance capitalism

Tanmaie Kailash

Greening Extractivism: Justifying AI supply chains in Canada

Kailey Walker (Queen's University)

Intersectional effects of digital capitalism at the axis of race, class and disability

Robel Afeworki Abay (Alice Salomon University of Applied Sciences Berlin); Karen Soldatic (Toronto Metropolitan University)

P100 Planetaryity, geology, geo-power: Earth as praxis

Combined Format Open Panel

Convenors: Zeynep Oguz (University of Edinburgh); Jerome Whittington (New York University)

Chairs: Timothy Neale (Deakin University); Zeynep Oguz (University of Edinburgh); Jerome Whittington (New York University)

HG-12A00: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Naturalizing the port lands: ecological imaginaries beyond colonialism

Rachel Rozanski (Concordia University)

Deep rock electricity-generating? The story of a technological principle

Olivier Labussière (CNRS); Julien Merlin; Alain Nadai (Centre national de la recherche scientifique)

Just transition makers? German mining professionals shaping sustainable futures in the global south

Diana Ayeh (Helmholtz Centre for Environmental Research and Harz University of Applied Sciences); Henriette Rutjes (Helmholtz Centre for Environmental Research GmbH - UFZ)

P114 Why/why not? Creative making, doing, and the (non)generation of knowledge: models, frictions, cases

Combined Format Open Panel

Convenors: Alice Jarry (Concordia University); Chris Salter (Zurich University of the Arts); Bart Simon (Concordia University);

Philippe Sormani (Zurich University of the Arts)

HG-15A33: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Ecologies of felting: intrusions to human-centered design through a practice-based study

Berilsu Tarcan (NTNU)

Alternative techniques for the theremin: a manifesto

Aline Zara (University of Toronto)

From soundscape ecology to sonic assemblage: imagining an Earthly community

Maurice Jones (Concordia University)

Nonsense in the lab and in the wild

Sarah Klein (University of Waterloo)

Liberating play in the parliament of the Scheldts: reflecting on the significance of friction for interactive methodologies in creative research practices

Maarten Meijer (University of Groningen); Enrike Van Wingerden (University of Amsterdam); Willie Vogel (TU Delft)

P141 Invisibility and public participation: engaging with disregarded, discarded, and hidden practices

Traditional Open Panel

Convenors: Ellen Stewart (University of Glasgow); Olga Zvonareva (Maastricht University)

Chairs: Eva Haifa Giraud (The University of Sheffield); Francesca Vaghi (University of Glasgow); Olga Zvonareva (Maastricht University)

HG-07A32: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Analyzing artistic techniques of invisibility to reconsider public participation in the digital expository society
Kristen Lewis (Concordia University)

Hiding participation: digital media and volunteers in Russia
Olga Zvonareva (Maastricht University)

Studying the inclusion of invisible voices: public participation of people in vulnerable situations in the development of digital home-based screening
Jill van der Kamp (Radboud University)

P176 Transformations in disaster risk management: towards disaster resilient societies

Traditional Open Panel

Convenors: Kees Boersma (Vrije Universiteit Amsterdam); Nathan Clark; Marleen de Ruiter (Institute for Environmental Studies); Eefje Hendriks (University of Twente)

Chairs: Kees Boersma (Vrije Universiteit Amsterdam); Marleen de Ruiter (Institute for Environmental Studies)

NU-5A57: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Knowledge encounters and disaster governance in Ghana

Alena Thiel (IT University Copenhagen)

Controversial maps, mapping controversy: the drawn-out process of flood risk mapping in New Orleans

Martin Abbott (Cornell University)

From creating a resilient society to caring for a resilient society: a case study of civilian disaster volunteer center and local people in Takeo city, saga prefecture, Kyushu region, Japan

Ryo Tsuchida (Japan Society for Promotion for the Science)

Where is the "hazard area": simulation and expertise in the city reconstruction after the 3.11 disaster

Cheng Chen (Tokyo Institute of Technology)

P190 Psychology in STS: situating its expertise and the process of 'making up people'

Combined Format Open Panel

Convenor: Stéphanie Pache (UQAM)

HG-05A00: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30, 16:00-17:30**

(de-)contextualizing psychology: de-escalation in German health and social welfare services

Maja Sisnowski (University of Amsterdam)

"Psychological culture" and the use of violence: how do men who batter make sense of their experience?

Coupey Auréliane (EHESP)

Psychological expertise in prevention practices against gender-based violence

Stéphanie Pache (UQAM)

Psychometric expertise and 'making up' doctors

Alexandra Vinson (University of Michigan)

Are you a psychopath? Psychopathic tests: production, circulation, and scientific dissemination

Léo Tertrais-Flamand (University Paris Nanterre)

P213 Soil repair: remediations and relationalities after extractive industries

Combined Format Open Panel

Convenors: Susanne Bauer (University of Oslo); Daniel Münster (University of Oslo); Nora S. Vaage (NTNU)

HG-08A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Soil repair as knowledge repair: articulating fractious histories and embodied knowledges in Thailand's highlands

Huiying Ng (Rachel Carson Center, LMU Munich)

Fallow: between remediation and extraction

Anna-Katharina Laboissiere (University of Oslo)

Knowing better in the Spanish campo: Holistic management as more-than-human soil care between enlivening and exploitation

Maike Melles (Institute of Ethnology of the Czech Academy of Sciences)

Let's compost the Green Revolution!: soil re-mediations and grass/roots technosciences

Pietro Autorino (Scuola Normale Superiore)

P220 Technologies of the other: digital, critical, political

Traditional Open Panel

Convenors: Claudia Aradau (King's College London); Tobias Blanke (Kings College London); Dieuwertje Luitse (University of Amsterdam); Annalisa Pelizza (University of Bologna and University of Aarhus)

Chairs: Tobias Blanke (Kings College London); Dieuwertje Luitse (University of Amsterdam)

Discussants: Claudia Aradau (King's College London); Annalisa Pelizza (University of Bologna and University of Aarhus)

Theater 1, NU building: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Data sharing practices on human mobility in and from west Africa: a critical cartography

Alice Fill (Ecole Normale Supérieure (ENS-PSL))

Fixing the borders of identity: infrastructures of e-governance in Libya's state-building

Chiara Loschi (*Sant'Anna School of Advanced Studies*); Luca Raineri (*Sant'Anna School of Advanced Studies*)

The impact of the globalization of democracy in the rise of biometrics as a civil technology

Cecilia Passanti (*Université Paris Cité, CEPED*)

Unlearning technologies in majority contexts: recentering Kibera residents as active agents in Nairobi's digital transformation

Nele Van Doninck (*KU Leuven*)

“when it comes to the rights of people on the move, some technologies should be banned from the AI act”. Civil society and the contestation of the technopolitical production of otherness

Nina Amelung (*Universidade de Lisboa*); Silvan Pollozek (*European University Viadrina Frankfurt (Oder)*)

P236 The human in human-centered innovation and STS

Traditional Open Panel

Convenors: Benjamin Lipp (*Technical University of Denmark*); Anders Kristian Munk (*Technical University of Denmark*); Søren Riis; Brit Winthereik (*IT University of Copenhagen*)

Discussant: Tanja Schneider (*Technical University of Denmark*)

HG-05A33: **Fri 19 Jul 10:30-12:00**

Synthetic voices? Patient-reported outcomes data and the “humanization” of AI for health

Henriette Langstrup (*University of Copenhagen*)

The human in audience-centered film production

Johan Irving Søltoft (*Technical University of Denmark*)

Manufacturing, standardization, and proliferation of the digital user figure: a study of human-centered innovation based on personas

Olfa Chelbi; Carole-Anne Tisserand (*Mines Paristech*)

Explain the benefit, not the technology: tracing human-centredness after AI in the Silicon Valley

Jurate Kavaliauskaite (*Vilnius University*)

Enacting the human in imagined educational techno-futures

Radhika Gorur (*Deakin University*)

P262 Reassessing technology in illegal settings

Traditional Open Panel

Convenor: Óscar Moreno-Martínez (*Pontificia Universidad Javeriana*)

HG-09A16: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Piracy, plagiarism and technology: an analysis of after Walker Evans by Sherrie Levine through John Oswald's plunderphonics

Guilherme Henrique Bernardi Martins (*Federal University of Technology Paraná*); Marilda Lopes Pinheiro Queluz (*Federal University of Technology of Paraná*)

Dirty innovations: matters of oil and pategrillo in Northeastern Colombia

Javier Calle Viveros (*Technical University of Munich*)

Technologies and knowledge in grey zones

Javier Guerrero-C (*Universidad de los Andes*); Óscar Moreno-Martínez (*Pontificia Universidad Javeriana*)

P275 Transforming knowledge formats. Media imaginations of time, space, and scientific discourse beyond print

Combined Format Open Panel

Convenors: Ana María Guzmán Olmos (*RWTH Aachen University*); Alin Olteanu (*RWTH Aachen University*); Phillip Roth (*RWTH Aachen University*)

HG-11A24: **Fri 19 Jul 08:30-10:00, 10:30-12:00**

Wider ständige Herzen

Johanna Schindler (*University of Applied Arts, Vienna*)

What do research network websites tell us about the transformation of knowledge formats? A workshop on formats of scholarly publishing

Aleksandra Vujadinovic (*Rhine Ruhr Center for Science Communication Research*)

P302 Let's not transform the university: questioning discourses of transformation and technological metamorphosis in higher education.

Traditional Open Panel

Convenor: Lesley Gourlay (*University College London Institute of Education*)

HG-14A33: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 10:30-12:00**

Online proctoring and discrimination: a critical examination of educational-technologies

Christina Pilgrim (*Queen's University*)

P330 Technology and care: mapping and demystifying the neoliberal extraction of reproductive labor

Traditional Open Panel

Convenors: Coleen Carrigan (University of Virginia); Jennifer Denbow (California Polytechnic State University)
HG-05A16: Fri 19 Jul 10:30-12:00

Care to thrive, care to work: menstrual cycle tracking as practice of care

Sophie Bauer (Goethe University Frankfurt)

Automating eldercare? An ethnography of 'age tech' professionals

Elizabeth Fetterolf (Stanford University)

Whose bodies reproduce a nation? For a practice of care in the national implementation of noninvasive prenatal testing

Shana Riethof (University of Liège)

P357 Religious repertoires for socio-ecological transformation

Combined Format Open Panel

Convenor: Timothy Stacey (Utrecht University)

Chair: Simone Kotva (University of Oslo)

NU-6A25: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Mayan views of time and nature to reconnect with the biosphere for socioecological transformation

Monica Velazquez (UAM-C (Autonomus Metropolitan University, Cuajimalpa))

Northern Europe's coastlands: historic narratives, myths and human behaviour in times of climate change

Kevin Grecksch (University of Oxford)

The emotional energy of building institutions: live action role playing as interaction rituals

carien moosdorff (Utrecht University); Joost Vervoort (Utrecht University)

P366 Untangling ecologies of planetary care: expertise and knowledge-making in multi-species worlds

Combined Format Open Panel

Convenors: Tarmo Pikner (Tallinn University); Christian Ritter (Karlstad University); Rajesh Sharma (University of Tartu, Estonia)

HG-08A20: Fri 19 Jul 08:30-10:00, 10:30-12:00

To see where it takes us: indigenous-settler decolonial alliances, food commons, and treaty ecologies with all beings

Brian Noble (Dalhousie University)

The shadow figures of nature conservation: trapping invasive species

Lorena Cisneros Armas (Muséum national d'histoire naturelle (France))

Participatory monitoring and local knowledge in Ghanaian community-based conservation

Claire Bracegirdle (University of Birmingham)

P377 Engaging experimental methods for transformative knowledge-making: new horizons in STS and ethnographic research

Combined Format Open Panel

Convenors: Angela Marques Filipe (Durham University); Órla Meadhbh Murray (Northumbria University Newcastle)

Discussants: Tiago Moreira (Durham University); Ayo Wahlberg (University of Copenhagen)

HG-10A20: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

My van is my method

Merle Ibach (Leuphana University)

Creating knowledge through mobile dialogue: collective enactment of mobile ethnography with Baemin food couriers in Seoul

Noel (El No) Chung (University of Cambridge)

Seeing like a Hydrocrat: An institutional ethnography of the Indian hydraulic state

Prakriti Prajapati (Penn State University)

R463 The Changing "Politics of Politicization": a Roundtable

Roundtable

Convenors: Anke Gruendel (Humboldt University of Berlin); Katinka Wijsman (Utrecht University)

Chair: Stephen Collier (University of California, Berkeley)

Discussants: Andrew Barry (University College London); Ignacio Farias (Humboldt University of Berlin); Christopher Kelty (UCLA); Noortje Marres (University of Warwick)

Theater 7, NU building: Fri 19 Jul 10:30-12:00

W470 More Than Just Another Brick in the Wall: Addressing Affective Decolonization in Undergraduate Science

Workshop

Convenors: Dax Ovid (University of Georgia); Ash Tea (University of Georgia)

HG-02A24: Fri 19 Jul 10:30-12:00

W471 'Thesis Quest': A novel educational tool for promoting interdisciplinary work and dismantling knowledge silos within STS

Workshop

Convenor: *Lucy Maun (University College London)*

HG-11A22: **Fri 19 Jul 10:30-12:00**

11:00-12:30

Session 10b

P009 Marine transformations: exploring the technoscience behind our changing relationship with the seas

Traditional Open Panel

Convenors: *Jackie Ashkin (Leiden University); Jose A. Cañada (University of Helsinki); Sebastian Ureta (Universidad Católica de Chile)*

HG-02A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Climate change in Caspian Sea, collective action and techno-collaboration by artisanal fisheries

Ilahe Abasli (ISS); Nina Swen (International Institute of Social Studies); Oane Visser (International Institute of Social Studies (ISS))

The master's tool: provincializing technoscience for a decolonial approach to ocean governance

Jen Telesca (Radboud University)

Better oceans through planning: mapping the present to imagine the future in the gulf of Guayaquil

Maximilian Viatori (Iowa State University)

Under the NETs. On some whats and whys of "ocean-based negative emissions technologies"

Damien Bright (Research Institute for Sustainability Helmholtz Centre Potsdam)

From a view from nowhere to a view from everywhere? Insights into the institutional epistemologies of an intergovernmental marine science organization

Kurt Rachlitz (Norwegian University of Science and Technology (NTNU))

P014 Making science in public: science communication and public engagement in and for transformation

Traditional Open Panel

Convenors: *Sarah Davies (University of Vienna); Noriko Hara (Indiana University); Maja Horst (Aarhus University)*

HG-KC07: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Between frivolity and seriousness – experimenting through the gundam

Daniel Aditya Tjhin (Uppsala University)

Orange walls, "Hollywood AI", and a robot vacuum cleaner: exhibiting artificial intelligence in German museums

Alisa Maksimova (Center for Advanced Internet Studies)

Mapping sensibilities: issues, fiction and futures - the case of engineered living materials (ELMs)

Rakesh Paul (University of Oslo)

More participation = more trust? Citizens' views on desired forms of public participation across Europe

Anne-Sophie Behm-Bahtat (Wissenschaft im Dialog); Marta Entradas (Iscte-IUL)

Making a functioning particle accelerator for publics: a sociological case study at CERN's outreach center

Olivier Glassey (University of Lausanne UNIL); Dominique Vinck (Lausanne University); Annabella Zamora (University of Lausanne)

P022 Exploring innovation ecosystems: theories, methods, and practices for systemic approaches to the governance of science and technology

Traditional Open Panel

Convenors: *Christian Herzog (University of Lübeck); Phil Macnaghten (Wageningen University); Philipp Neudert (Human Technology Center, RWTH Aachen University); Merel Noorman (Tilburg University); Mareike Smolka (Wageningen University and RWTH Aachen University)*

Chairs: *Christian Herzog (University of Lübeck); Philipp Neudert (Human Technology Center, RWTH Aachen University); Mareike Smolka (Wageningen University and RWTH Aachen University)*

Discussants: *Stefan Bösch (Human Technology Center, RWTH Aachen University); Barbara van Mierlo (Wageningen University)*

HG-06A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

AI governance in electricity systems in transition

Merel Noorman (Tilburg University)

Precision medicine's public-private parks: economies and ecologies of innovation in a precision medicine hub

Andy Murray (University of Pennsylvania)

Science and technology governance of smart medical device innovation ecosystem in Taiwan

Hung-Chi Chang (National YangMing Chiao Tung University); Shih-Hsin Chen; Wen-Hsin Chi (National YangMing Chiao Tung University)

P064 Getting post-carbon transformations “right”: knowledge, modernity, and temporality in the age of the nuclear (energy) u-turn

Combined Format Open Panel

Convenors: Sarah O'Brien (The University of Manchester); Stephanie Postar (London School of Economics and Political Science)

Discussant: Petra Tjitske Kalshoven (University of Manchester)

Agora 4, main building: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Protesting nuclear power in the face of post-fossil future imaginaries

Michiel Köhne (Wageningen University)

Fear and longing in Chernobyl: exploring mainstream and local repertoires on the 1986 disaster

Matteo Benussi (Ca' Foscari University of Venice)

Landscape-as-usual? Navigating ethico-technical (im)possibilities in a nuclearized peninsula

Sarah O'Brien (The University of Manchester)

Backcasting, intra and intergenerational justice and nuclear waste

Lee Towers (Teesside University)

P072 Citizen science: possibilities, tensions, and transformations

Combined Format Open Panel

Convenor: Shachi Mokashi (Vrije Universiteit Amsterdam)

Chairs: Alan Irwin (Copenhagen Business School); Michiel Van Oudheusden (VU Amsterdam)

HG-14A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

The transformative citizen sciences?

Alan Irwin (Copenhagen Business School)

Transforming, Mainstreaming or Multiplying Citizen Science?

Julie Sascia Mewes (University of Technology Chemnitz)

Zombie participation: exploring the afterlives of environmental citizen science projects in latin america

Mandy Geise (International Institute of Social Studies)

Opportunities and Limitations of Public Sector-Led Citizen Science Interventions: A Case From Denmark

Rina Vijayasundaram (Aarhus University, City of Aarhus)

Citizen science for the dialogue between science and traditional knowledge in socio-bioeconomy agendas in the Amazon region

Sarita Albagli (IBICT Brazilian Institute of Information in Science and Technology)

P108 Quantum for the grand societal challenges

Traditional Open Panel

Convenors: Astrid Bötticher (University of Innsbruck); Zeki Can Seskir (Karlsruhe Institute of Technology); Pieter Vermaas

Discussant: Christopher Coenen (Karlsruhe Institute of Technology (KIT))

NU-4A67: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Materialising ‘quantum for good’: a global chips value chain perspective from Asia

Chihwei Yeh (National Sun Yat-sen University)

Aloof bits in the qubits: a look at the mineral origins of quantum materials

Kelly Olenyik (University of Washington)

Transformations in quantum governance: the ontological transgression of quantum technologies

Sarah Wilson (Institute for Sustainable Futures, University of Technology Sydney)

What are we talking about? Understanding as an epistemic requirement for a meaningful discussion about quantum technology

Eline de Jong (University of Amsterdam)

P124 The Green Anthropocene? Transforming environments by transforming life

Traditional Open Panel

Convenors: Selen Eren (University of Oulu); Anna Krzywoszynska (Oulu University); Erika Szymanski (Colorado State University)

HG-12A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

No such thing as containment? Gene drives for conservation and the (im)possibility of an island

Keje Boersma (VU Amsterdam)

Environmental Zoning Devices: delineating, studying, valuating and controlling the Brière swamp (France)

Kewan Mertens (Armines, Ecoles des Mines de Paris, Paris Sciences et Lettres (PSL))

There is a microbe for every pollutant: the poetics and politics of bioremediation

Valentina Marcheselli (Ca' Foscari - University of Venice)

Multispecies mending? Microbial factories, circular economies, and fermentation to fix (the) carbon (cycle)

Eleanor Hadley Kershaw (University of Exeter)

Health from biodiversity: microbes-mediated interventions for allergy control

Mikko Jauho (University of Helsinki)

P131 How to research medical AI?

Combined Format Open Panel

Convenors: Renate Baumgartner (VU Amsterdam); Kevin Wiggert (Technical University of Berlin)

Chairs: Renate Baumgartner (VU Amsterdam); Kevin Wiggert (Technical University of Berlin)

Discussant: Anamaria Malešević (Catholic University of Croatia)

HG-06A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

The importance of researching medical AI with affected populations

Tereza Hendl (University of Augsburg); Bianca Jansky (University of Augsburg, Germany)

The human touch in medical AI: the potential of patient & public involvement

Anto Čartolovni (Catholic University of Croatia); Anamaria Malešević (Catholic University of Croatia)

An evolutionary method for researching medical AI

Robin Williams (The University of Edinburgh); Xiao Yang (ISSTI, UKRI CDT in Biomedical AI, University of Edinburgh)

Back to the future of AI: historical methods meet STS in the study of medical AI

Flora Lysen (Maastricht University)

P135 Digital transformations of diagnosis and diagnostic moments

Traditional Open Panel

Convenor: Ricky Janssen (Maastricht University)

Chair: Nora Engel (Maastricht University)

Discussant: Pierre-Marie DAVID (Université de Montréal)

HG-07A16: **Fri 19 Jul 11:00-12:30**

Infrastructures of digital diagnosis: coordinating the dreams of managers, researchers and policy makers across 20 years of digitisation

Max Perry (University of Bristol)

Digital twins for cardiovascular disease: shifting roles and responsibilities in healthcare

Mignon Hagemeyer (Institute for Science in Society)

How to make an app work, and show how it works

Nora Engel (Maastricht University); Aliasgar Esmail; Ricky Janssen (Maastricht University); Nitika Pant Pai (McGill University)

P139 Critical transformations in and of mathematics

Combined Format Open Panel

Convenors: Michael Barany (University of Edinburgh); Zheng Li

Chairs: Michael Barany (University of Edinburgh); Zheng Li

Discussants: Michael Barany (University of Edinburgh); Zheng Li

HG-01A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Transformations of public engagement of mathematics in China

Chunliang Fan (Chinese Society of Science of Science and ST Policy); Zheng Li

Political materialities in Benoit Mandelbrot's mathematics

Abigail Taylor-Roth (University of Chicago)

P163 Sensory interfaces: research through sonic experimentations at the intersection of STS and Design

Combined Format Open Panel

Convenors: Juan Gomez (Swiss Federal Institute of Technology Lausanne, Geneva University of Arts Design); Léone-Alix Mazaud (Mines Paris, Université PSL, Centre de Sociologie de l'Innovation (CSI), i3 UMR CNRS)

Theater 5, NU building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Curves & Reverbs: human-machine sensory performativity

Mona Hedayati

Resounding transitions: acousmatic encounters in an urban ecosystem

Emine Onculer Yayalar (Bilkent University); Tahsin Tolga Yayalar (Bilkent University)

Dirty listening

Jonathan Castro

P189 The ends of hope: post-optimistic futures worth working towards

Combined Format Open Panel

Convenors: Blanca Callén (Autonomous University of Barcelona); Paul Dourish (UC Irvine); Sophia Efstathiou (Norwegian Uni. of Science and Technology); Elliott Hauser (University of Texas at Austin); Matt Ratto (University of Toronto)

Discussant: Steven Jackson (Cornell University)

HG-02A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Starting from hopelessness - sustainable development goals, grand challenges and improvising in the face of grimness

Sophia Efstathiou (Norwegian Uni. of Science and Technology)

When all else fails? Exploring hope in times of profound crisis

Alissa Centivany (University of Western Ontario)

Against digital fatalism: Resisting technology hype through hopeful and creative interventions with immersive futures

Andrés Dominguez (The Alan Turing Institute); Ola Michalec (University of Bristol); Peter Winter (University of Bristol)

P224 Big data and artificial intelligence global asymmetries: infrastructures, skills, uses, value and side effects

Traditional Open Panel

Convenors: María Belén Albornoz (Latin American Faculty of Social Sciences (FLACSO-Ecuador)); Henry Chavez (Université Paris Cité, Ceped, IRD - CTS Lab FLACSO Ecuador)

HG-07A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

It's a global village (if you speak the right language): AI and the right to use first language in digital domains

Noa Mor

Infrastructures over the social in the open government implementation: Ecuador's open public procurement platform case

Daniel Vizuete (CTS Lab de la Facultad Latinoamericana de Ciencias Sociales, FLACSO - Sede Ecuador)

P229 Asian digital: technology, culture, business, and politics of computing, communications, information, and electronics

Traditional Open Panel

Convenors: Zhixiang Cheng (Chinese Academy of Sciences); Wen-Ching Sung; Chen-Pang Yeang (University of Toronto)

HG-15A16: **Fri 19 Jul 11:00-12:30**

Making space for multilingualism in Singapore's smart nation

Josephine Seah (University of Cambridge)

Hardware appropriateness yet soft power deficit: China's digital innovation in Africa

Sharon Ku (National Yangming Chiao Tung University); TIAN WEN (The University of Sydney)

Demarcating a pure land: CFido as cyberspace for computer amateurs in 1990s China

Zhixiang Cheng (Chinese Academy of Sciences); Wen-Ching Sung; Chen-Pang Yeang (University of Toronto)

More than science about chips: counterfactual analysis of the birth of IC industries in Taiwan

Ling-Ming Huang (National Taiwan University)

P247 Democratic engagements enacted in and by energy transitions

Traditional Open Panel

Convenors: Thomas Berker (Norwegian University of Science and Technology); Sampsa Hyysalo (Aalto University); Gisle Solbu (Norwegian University of Science and Technology)

Discussant: Marianne Ryghaug (Norwegian Univ. of Science and Technology)

Theater 2, NU building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

An ecology of state-community encounters in sustainability transitions in the Netherlands

Allard de Graaf (Leiden University)

Accelerating the energy transition versus improving public engagement - two sides of the same coin?

Nils Oskar Tronrud (Norwegian University of Science and Technology)

Diverse arrangements that work: exploring the configurations of residential hybrid heating solutions

Sampsa Hyysalo (Aalto University)

Practices and dynamics of community-led heating projects, four case studies in the Netherlands

Tineke van der Schoor (Hanze University of Applied Sciences); Henny van der Windt (University of Groningen)

P267 Troubling exposure: (counter)-knowledge practices and the democratization of environmental epistemologies

Combined Format Open Panel

Convenor: Cynthia Browne (Max Planck Institute for the History of Science)

Chair: Cynthia Browne (Max Planck Institute for the History of Science)

Agora 2, main building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Making antibiotics and contesting PNECs: exposure pathways and pollution control in Baddi, India

Helen Lambert (University of Bristol); Amishi Panwar (University of Bristol)

TCO Certified: union-driven exposure evaluation and transnational solidarities, 1985-1995

Rachel Bergmann (Stanford University)

The informed citizen does not know how to swim: some troubles with public information about PFAS pollution

Roos Meiselaar (University of Amsterdam); René Nissen (University of Amsterdam); Sam van der Lugt (University of Amsterdam)

Tracing exposure: land-air relations as chokepoints in rethinking ecosystems

Cynthia Browne (Max Planck Institute for the History of Science)

Ecology by a different sound: troubling containment amidst reverberating injustice

Ben Pluska (Appalachian State University); Sherri White-Williamson (Environmental Justice Community Action Network); Rebecca Witter (Appalachian State University)

P286 Beyond polarisation: approaches to vaccination

Traditional Open Panel

Convenors: *Simon Bailey (University of Kent); Lesley Branagan (Hamburg University); Rebecca Cassidy (University of Kent); Anna Dowrick (University of Oxford)*

NU-4B47: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Overcoming divides great and small: vaccination, objects and reimagining 'hesitancy' in Dublin, Ireland

Dan Artus (UCL)

Embodying the unknown. A praxiographic investigation of emerging mRNA-biotechnology between uncertainty and hope

Jan Hinrichsen (University Medical Centre Göttingen)

Navigating the system: lifehacks of vaccine sceptics among the Russian-speaking community in Germany

Nataliya Aluferova (University of Hamburg)

P288 Biomedicine after its undoing

Combined Format Open Panel

Convenors: *Randall Burson (University of Pennsylvania); Ross Perfetti (University of Pennsylvania)*

Chair: *Ross Perfetti (University of Pennsylvania)*

Auditorium, main building: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

Rebel doctors and the pragmatics of care

Nele Jensen (King's College London)

Who infected her - and other moral questions about grieving and anger

Arbel Griner (Princeton University)

On burnout, moral injury, and clinical ethics

Michelle Munyikwa (University of Pennsylvania)

P296 LLMs and the language sciences: material, semiotic, and linguistic perspectives from STS and linguistic anthropology

Traditional Open Panel

Convenors: *Michael Castelle (University of Warwick); Siri Lamoureux (University of Siegen); Anna Weichselbraun (University of Vienna)*

Chair: *Siri Lamoureux (University of Siegen)*

HG-05A24: **Fri 19 Jul 09:00-10:30, 11:00-12:30**

The problem of alignment

Tsvetelina Hristova (Southampton University); Liam Magee (Western Sydney University)

Large language models in everyday life

Mark Dingemans (Radboud University); Andreas Liesenfeld

The chatbot's real self: textuality, cultural concepts, and the archaeology of artificial personas

Courtney Handman (University of Texas at Austin)

Finding consensus in a polarized world: LLMs and public opinion in deliberative democracy

Janet Connor (Leiden University)

P299 New notions of research quality

Combined Format Open Panel

Convenors: *Tjitske Holtrop (CWTS, Leiden University); Marta Sienkiewicz (Leiden University); Thed van Leeuwen (Leiden University)*

NU-4A25: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Where credibility resides: from extrinsic to intrinsic indicators of research quality

James Harney; Iain Hrynaszkiewicz; Veronique Kiermer; Marcel LaFlamme (PLOS)

Disciplinary conflicts and complementarities in the social sciences. A study of interdisciplinary evaluation panels in the European Research Council

Lucas Brunet (STS department, TUM); Ruth Müller (Technical University of Munich)

Evaluation of interdisciplinary teams in academic research - development of a scale to assess the quality of interdisciplinary collaboration in digitization research

Josephine Schmitt (Center for Advanced Internet Studies (CAIS)); Silvio Suckow (Weizenbaum Institute)

Altmetrics and the liquification of research quality: how big data potentiality aligns research (evaluation) with platform capitalism

Max Leckert (German Centre for Higher Education Research and Science Studies (DZHW)); Jacqueline Sachse (Humboldt-Universität zu Berlin)

Research evaluation reform in the Netherlands: Situating recognition and reward between data infrastructures, disciplinary practice and research management

Tjitske Holtrop (CWTS, Leiden University); Marta Sienkiewicz (Leiden University); Thed van Leeuwen (Leiden University)

P325 The work of gender: science, technology, medicine, and care work in East Asia

Traditional Open Panel

Convenors: Joel Stocker (National Cheng Kung University); Hsiu-Yun Wang (National Cheng Kung University)

Discussant: Wen-Hua Kuo (National Yang Ming Chiao Tung University)

HG-07A36: **Fri 19 Jul 11:00-12:30**

Gender, medicine and cold war diplomacy: situating Lu Gwei-Djen and Chinese medicine

Wen-Hua Kuo (National Yang Ming Chiao Tung University)

The gendered giving of a snack-food talisman in medical and engineering labs in Taiwan

Joel Stocker (National Cheng Kung University)

Imagining gender/embodying values: the intersection of roboticists' personal experiences, robot designs, and robotics laboratory

Kuan-Hung Lo (University of Maryland College Park)

When nurses become technicians: nursing work and cardiac catheterization room management in Taiwan from the 1990s to 2022

Shu-Ching Chang (Chang Gung University)

Science and the gendered division of labor in the care of leprosy patients on Penghu island, Taiwan, 1950s-1980s

Hsiu-Yun Wang (National Cheng Kung University)

P342 Making and doing transformations in feminist science & technology studies

Combined Format Open Panel

Convenors: Andrea Bossmann (Freie Universität Berlin, Technische Universität Berlin); Martina Erlemann (Freie Universität Berlin); Petra Lucht (Freie Universität Berlin)

NU-3A06: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Gender equality in higher education and sustainability studies as projects of social transformation and how they can enrich each other

Jennifer Dahmen-Adkins (RWTH Aachen University); Andrea Wolffram (RWTH Aachen University)

Researching social inequalities within physics workplace cultures as feminist scholars

Andrea Bossmann (Freie Universität Berlin, Technische Universität Berlin); Martina Erlemann (Freie Universität Berlin)

Feminist STS Perspectives on the careers of young researchers in robotics and AI: Case study of a French laboratory

Baptiste Caramiaux; VALENTINE LE LOUREC (ENS-PSL - EHESS - Sciences Po Lille)

The (re)production of inequalities on the Internet from a feminist intersectional approach

Lidia Arroyo (Open University of Catalonia)

P359 Revaluing nature in novel 'versions of economization'? Drawing economic practices and politics of nature together

Traditional Open Panel

Convenors: Kristin Asdal (University of Oslo); Stine Engen (University of Oslo); Marie Stilling (University of Oslo)

HG-08A00: **Fri 19 Jul 11:00-12:30**

On green swans and catastrophic futures: Climate change as complexity theory in central banking

Stine Engen (University of Oslo)

Economizing the Underground: The Contrasted Futures of "Critical Materials"

Brice Laurent (Mines ParisTech); Roman Solé-Pomies (MINES ParisTech); Alexandre Violle (Mines Paris)

Co-constructing value(s) for "local" beans in two multi-actor market-networks in France

Tara Dourian (INRAE (Institut national de recherche pour l'agriculture, l'alimentation et l'environnement))

Quantifying the unquantifiable: The inevitable trade-offs and compromises of operationalizing biodiversity

Heidi Lehtiniemi (Finnish Environment Institute Syke)

Pitching sustainability: How entrepreneurs publicly enact a compatibility of the economy and the environment

Cornelius Heimstädt (Humboldt University of Berlin)

P380 Knowledges of ecology and ecologies of knowledge

Combined Format Open Panel

Convenor: Luisa Cortesi (International Institute of Social Studies)

HG-08A20: **Thu 18 Jul 08:30-10:00, Fri 19 Jul 11:00-12:30**

Theorizing thresholds: extraction, stability, and the epistemic politics of ecosystem collapse

Matthew Archer (Maastricht University)

Rot as relation: reconsidering preservation in natural history collections

Elaina Foley (Museum für Naturkunde)

Biological invasions beyond nature

Tobias Wagner (Goethe University Frankfurt)

R453 Bios, diversities, cities

Roundtable

Convenors: *Sandra Calkins (University of Twente); Mandy de Wilde (Leiden University)*
Discussants: *Uli Beisel (Free University of Berlin); Shivant Jhagroe (Leiden University); Samwel Moses Ntapanta (Aarhus University); Esther Turnhout (University of Twente)*
Aurora, main building: **Fri 19 Jul 11:00-12:30**

12:00-14:00

Lunch

12:30-14:00

4S Business Meeting

Theater 1, NU building

12:45-13:45

Lunchtime activities

Knowledge of AIDS Research Collaboration Network and friends

Theater 2, NU building

STS in education (STudies) meet-up, with keynote given by Sergio Sismondo (Queen's University)

HG-01A33

STS Food and Agriculture Network (STSFAN)

HG-06A00

U.S. National Science Foundation outreach meet-up - learn about NSF funding opportunities

HG-02A00

Science as Culture advisory panel

Forum 3, main building

Art Science Dialogue: Let's Work

VU ART SCIENCE gallery, NU building: **NB! 12:45-14:15**

Speakers: *Jorrit Paaijmans, artist, and Margarita Boenig-Liptsin (Department of Humanities, Social and Political Sciences, ETH Zurich)*

Chair: *Makoto Takahashi (Athena Institute, VU)*

14:00-15:30

Session 11a

CP485 STS and critical agri-food studies: contributions by STSFAN to old themes and novel challenges

Closed Panel

Convenor: *Mascha Gugganig (Ludwig-Maximilians University of Munich)*

Chair: *Saul Halfon (Virginia Tech)*

HG-08A20: **Fri 19 Jul 14:00-15:30**

Untangling the landing of AI into the agri-food sector

Lucia Arguelles (Universitat Oberta de Catalunya); Paloma Yáñez Serrano (Adam Mickiewicz University)

Digital precision in meat safety: danger to hazard to risk and back

Saul Halfon (Virginia Tech)

Glitches in digital agriculture

Alina Gombert (Goethe University Frankfurt)

Digitization and biodiverse farming: on German small-scale farmers' future visions of agriculture and digital technologies

Mascha Gugganig (Ludwig-Maximilians University of Munich); Sarah Hackfort (Humboldt University Berlin)

Knowledge sharing and community facilitation in eco-friendly rice farming: a comparison of two regions in Japan

Hsin-Hua Chiang (The University of Tokyo)

P007 The technopolitics of (health)care: transforming care in more-than-human worlds

Traditional Open Panel

Convenors: *Fay Dennis (Goldsmiths, University of London); Renae Fomiatti (Deakin University); Kiran Pienaar (Deakin University)*

HG-13A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Relations of care: towards a more-than-human conception of sexual consent

Renae Fomiatti (Deakin University); Gemma Nourse (La Trobe University); Kiran Pienaar (Deakin University)

Microbiopolitics and technologies of the (more-than-human) self: the microbiome, multiplicity, and care

Katherine Kenny (The University of Sydney); Roberta Pala (The University of Sydney); Gianni Tien (University of Sydney)

It takes a more-than-human village: parenthood as a form of microbial management

Katherine Kenny (The University of Sydney); Roberta Pala (The University of Sydney)

Caring AI: feeling rules and gender re-configurations in the context of Emotion AI

Klara-Aylin Wenten (University of Kassel)

P008 Transformations in scholarly publishing

Traditional Open Panel

Convenors: Willem Halffman (Institute for Science in Society, Radboud University Nijmegen); Felicitas Hesselmann (German Centre for Higher Education Research and Science Studies); Serge P.J.M. Horbach (Radboud University)

NU-3B05: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Can STS help transform scholarly publishing? Lessons from infrastructuring the Open Book Collective

Joe Deville (Lancaster University)

We need to talk: speech-to-text approach to writing articles on audio cultures and beyond

Tzil Sharon (University of Amsterdam)

Markets and metadata: The digitalization of scholarly book publishing

Paul Stevens (University of Bristol)

Trust and trustworthiness of scholarly information: AI-generated contents meet paper mills

Lai Ma (University College Dublin)

P083 Boundary workers: facilitating dialogue between science and technology studies and scholarship on interdisciplinarity and transdisciplinarity

Combined Format Open Panel

Convenors: Isabel Fletcher (University of Edinburgh); Maria Goñi (Universidad de la República); Ulrike Kuchner (University of Nottingham); Bianca Vienni Baptista (ETH Zurich)

Theater 7, NU building: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

De-disciplined: a Q-Study on how artists, scientists and technologists experience collaboration as a creative transdisciplinary practice

Zeynep Birsal (Erasmus University); Ellen Loots; Lenia Marques (Erasmus University Rotterdam)

Disentangling inner paradoxes: how to manage inter- and transdisciplinary collaboration in large research centres

Kim Helmersen (ETH Zurich)

Getting the work done: examining articulation work in four transdisciplinary projects in Latin America.

Gabriela Alonso-Yanez (University of Calgary)

P100 Planetarity, geology, geo-power: Earth as praxis

Combined Format Open Panel

Convenors: Zeynep Oguz (University of Edinburgh); Jerome Whittington (New York University)

Chairs: Timothy Neale (Deakin University); Zeynep Oguz (University of Edinburgh); Jerome Whittington (New York University)

HG-12A00: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Earth drawing: muscular coordination and the thickening line

Matthew Wilson (University of Kentucky)

Models: the climate crisis and its uncertain mediations

Rolien Hoyng (Lancaster University)

Mediating the heatwave: inside Karachi's thermal media ecology

Ayesha Omer (York University)

Semiconductor Tectonics: Landscape Ethnography and Taiwan's Silicon Shield

Jerry Zee (Princeton University)

P114 Why/why not? Creative making, doing, and the (non)generation of knowledge: models, frictions, cases

Combined Format Open Panel

Convenors: Alice Jarry (Concordia University); Chris Salter (Zurich University of the Arts); Bart Simon (Concordia University); Philippe Sormani (Zurich University of the Arts)

HG-15A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Building spaces. A sensory ethnography of postdigital workspaces of social scientists

Elaine Goldberg (University of Vienna)

P141 Invisibility and public participation: engaging with disregarded, discarded, and hidden practices

Traditional Open Panel

Convenors: Ellen Stewart (University of Glasgow); Olga Zvonareva (Maastricht University)

Chairs: Eva Haifa Giraud (The University of Sheffield); Francesca Vaghi (University of Glasgow); Olga Zvonareva (Maastricht University)

HG-07A32: Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30

Biomedical organoid research and the invisible work needed to enact public participation

Jochem Zuiderwijk (Radboud University Nijmegen)

Social acceptance for the Belo Monte Dam: the case of the Xingu sustainable regional development plan (Amazon region)

Marcia Grisotti (Federal University of Santa Catarina); Marina Reche Felipe (Universidade Federal de Santa Catarina)

In relation by design: when animals participate (and people don't)

Eva Haifa Giraud (The University of Sheffield)

P146 What is the past and future of actor-network theory?

Traditional Open Panel

Convenors: Christian Nold (The Open University); Andrzej Wojciech Nowak (Adam Mickiewicz University)

Chair: Christian Nold (The Open University)

NU-5A47: Fri 19 Jul 14:00-15:30, 16:00-17:30

Re-visiting latour's berlin key to re-empiricise actor-network theory (ANT)

Christian Nold (The Open University); Andrzej Wojciech Nowak (Adam Mickiewicz University)

Transformative actor-network theory: methodological principles of ANT4Development

Vojtěch Gerlich (University of Amsterdam)

Asymmetrical symmetries: for a radicalization of semiotics in ANT

Nikolaus Poehhacker (University of Klagenfurt)

P148 Microbial encounters at the edge: exploring transformative microbe-environment-human relations

Traditional Open Panel

Convenors: Alicia Ng (University of Helsinki); Paula Palanco Lopez (University of Oulu)

HG-09A16: Fri 19 Jul 14:00-15:30, 16:00-17:30

Bricolage-as-method for investigating environmental microbiomes

Aaron Bradshaw (Humboldt-Universität zu Berlin)

The dark matter of the biosphere: enactments of nature and agency in bacteriophage research

Boglarka Kiss (University of Exeter)

Dwelling in a technoscience otherwise: scientist-microbe relations in bioremediation

Alicia Ng (University of Helsinki)

P177 Metabolism matters: on spatial production through more-than-human material-energetic exchanges

Traditional Open Panel

Convenors: Herre de Bondt (University of Roehampton); Tullio Maia (University of Amsterdam); Eline van Oosten (University of Amsterdam)

HG-11A24: Fri 19 Jul 14:00-15:30

Metabolic description: storying the more-than-human

Molly MacVeagh (Wake Forest University)

More-than-human metabolism: rats, waste and humans in Amsterdam

Eline van Oosten (University of Amsterdam)

Metabopolitics in three bovine cycles

Adam Searle (University of Nottingham)

P178 Social theory, sociological praxis, and the struggle for epistemic justice in contemporary policymaking

Traditional Open Panel

Convenors: Molly Clark-Barol (University of Wisconsin-Madison); Matthew Zinsli (University of Wisconsin Madison)

HG-11A22: Fri 19 Jul 14:00-15:30

Rationality and emotion in the weight-centred health paradigm

Natalie Egan

Brewing sustainability: The politics of knowledge in Galápagos Islands coffee qualification and geographical indication development

Samer Alatout (University of Wisconsin-Madison); Matthew Zinsli (University of Wisconsin Madison)

Epistemic injustice in autism scientific research

Jennifer Singh (Georgia Institute of Technology)

Data-driven reality: analyzing the influence of policing data on research and public discourse

Michael Zanger-Tishler (Harvard)

P190 Psychology in STS: situating its expertise and the process of ‘making up people’

Combined Format Open Panel

Convenor: *Stéphanie Pache (UQAM)*

HG-05A00: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30, 16:00-17:30**

Psychologists and psychology as one in the same: making sense of “structural selves” and possibilities for structural change through disciplinary reflexivity

Donald Brown (York University)

Shield, battlefield, and loaded gun: militarized personhood in the psychological science of resilience

Kelly Moore (Loyola University Chicago)

Art as psychological record

Sasha Bergstrom-Katz (Max Planck Institute for the History of Science)

To the things, them cells!

Yelena Gluzman (University of Alberta)

New label for new expertise? the case of the “highly sensitive person” (HSP)

Alex Maignan (Université Paris Nanterre)

P213 Soil repair: remediations and relationalities after extractive industries

Combined Format Open Panel

Convenors: *Susanne Bauer (University of Oslo); Daniel Münster (University of Oslo); Nora S. Vaage (NTNU)*

HG-08A33: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Earth... without us: earthlessness, autochthony and extractivism in stabilising mining in Germany

Ingmar Lippert (Goethe University Frankfurt)

The social life of manure: contested technologies of soil repair inhabiting different worlds

Bertram TURNER (Max Planck Institute for Social Anthropology)

Cultivating terroir: soil, taste and more-than-human collaboration in the rejuvenation of a historic wine region

June Brawner (The Royal Society)

Co-use: Vessels, versatility, valuations, and soil commitment

Markus Wernli (The Hong Kong Polytechnic University)

P225 Existential threats and catastrophes in the everyday: from the global to quotidian

Traditional Open Panel

Convenors: *Jennifer Chubb (University of York); Richard Tutton (University of York)*

Chair: *Richard Tutton (University of York)*

HG-08A00: **Fri 19 Jul 14:00-15:30**

‘Back to the future’ or ‘no more of the same’? Living and working with forests in a changing climate

Carolin Maier; Ronja Mikoleit (Forest Research Institute Baden-Württemberg (FVA), Germany)

Moving bodies and environmental crisis: towards relational futures with human/nonhuman kin

Allison Jeffrey (Cape Breton University)

What else can we endure? Navigating uncertain environmental futures in the United States Gulf Coast

Kathleen Lynch (New York University)

P272 Making and doing relationships with AI, cyborgs, robots

Combined Format Open Panel

Convenor: *Wes King (University of Washington)*

Chair: *Neelesh Agrawal (University of Washington)*

HG-05A33: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

From mothers to cyborgs: exploring digital motherhood in Latvia's online community

Janis Sabanovs (Rīga Stradiņš University)

Young minds and artificial companions: navigating children's relationships with AI

Annika Bush (Research Center Trustworthy Data Science and Security, University Alliance Ruhr, Germany)

Observing the telepresent: the absent child and mediating materialities

Mads Lund Andersen (Aarhus University); Frederikke Knage (Aarhus University)

Robots and AI in education: navigating imaginaries, illusions, and everyday practice

Leonardo Piromalli; Assunta Viteritti (University Sapienza); Letizia Zampino (University of Rome La Sapienza)

P339 Algorithmic market design as provocation for STS studies of the market

Traditional Open Panel

Convenors: *Daniel Breslau (Virginia Tech); Gabriel Chouhy; Christian Frankel (CBS); Edward Nik-Khah (Roanoke College); José Ossandón (Copenhagen Business School); Trine Pallesen (Copenhagen Business School)*

HG-14A33: **Fri 19 Jul 14:00-15:30**

How the problems of the market designer become everyone else's problems

Christian Frankel (CBS); José Ossandón (Copenhagen Business School); Trine Pallesen (Copenhagen Business School)

Designing Marktes, Designing Play: on the Creation and Management of Affective Markets

Nikita Sorgatz (Deutsches Zentrum für Hochschul- und Wissenschaftsforschung)

Marketplace Engineering: How Airlines Automated Pricing.

Guillaume Yon (RWTH Aachen University)

California Dreamin': Economists Become Expert Epistemologists for Platform Capitalism

Edward Nik-Khah (Roanoke College)

P341 Historicizing state quantification in disciplinary and control societies

Traditional Open Panel

Convenors: Melissa Adler (University of Western Ontario); David Nemer (University of Virginia); Luke Stark (Western University)

NU-4B43: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

Liverpool Counts the World

Barbara Hahn (Texas Tech University)

Postcolonial Crisis of Quantification: Genealogy of the Mutated Amalgam of Discipline-Governmentality-Control and Failures of Enumeration Techniques in Colonial India and Postcolonial Pakistan

Asif Akhtar (London School of Economics and Political Science)

Formulating Freedom for the End of Empire

Sebastian Fernandez-Mulligan (Yale University)

"With more data, everyone gains a better frame of reference." On imaginaries of the state, politics and the citizen in big tech-discourse from 1999- 2016. (Cohen & Schmidt 2013, 32)

Amira Moeding (University of Cambridge)

Automating English, formalizing coloniality: On the quantification and automatic generation of "academic English" in academic peer reviews

Haley Lepp (Stanford University)

Governing the Disabled Body: On the Functions of Flowcharts & the Affects of Algorithms

Kim Fernandes (University of Pennsylvania)

P344 Following 'colonial commodities' - relationalities and reconfiguring knowledges

Combined Format Open Panel

Convenor: Christine Hanke (University of Bayreuth)

Chair: Christine Hanke (University of Bayreuth)

HG-05A16: **Fri 19 Jul 14:00-15:30**

Tsingtau beer: bridging colonial legacies and modern identity in China

Jingwen Li (Institute of Art and Media, University of Potsdam)

Following Cinchona/Quinine - the bitter taste of colonization

Christine Hanke (University of Bayreuth)

Interwoven currents in post-colonial India: infrastructural coevolution of electricity and ICT grids

Koushik Ravi Kumar (TUM)

P357 Religious repertoires for socio-ecological transformation

Combined Format Open Panel

Convenor: Timothy Stacey (Utrecht University)

Chair: Simone Kotva (University of Oslo)

NU-6A25: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Green Sabbaths: A Spiritual Counter-Technology for the Era of Ecological Catastrophe

Jonathan Schorsch (Universität Potsdam)

P362 Stewardship and long term social engagement : nuclear waste and other anthropogenic objects.

Traditional Open Panel

Convenors: Siegfried Evens (KTH Royal Institute of Technology); Alexis Geisler-Roblin (Ecole Normale Supérieure)

HG-02A24: **Fri 19 Jul 14:00-15:30**

Place-sensitive long-term governance of nuclear waste

Sophie Kuppler (Karlsruhe Institute of Technology); Melanie Mbah (Institute for Applied Ecology (Öko-Institut))

Burying nuclear waste deep down: who is stewarding?

Alexis Geisler-Roblin (Ecole Normale Supérieure)

Regulatory activities of nuclear infrastructures as a maintenance and repair work

Olivier Chanton (Nuclear Safety and radioprotection institut)

Decommissioning as a practice of caring and waiting: turning the French graphite-moderated reactors into waste

Ange Pottin (University of Vienna)

Maintenance, repair, and inspection work in nuclear power plants in the US, France, and Sweden

Siegfried Evens (KTH Royal Institute of Technology)

P377 Engaging experimental methods for transformative knowledge-making: new horizons in STS and ethnographic research

Combined Format Open Panel

Convenors: Angela Marques Filipe (Durham University); Órla Meadhbh Murray (Northumbria University Newcastle)

Discussants: Tiago Moreira (Durham University); Ayo Wahlberg (University of Copenhagen)

HG-10A20: **Fri 19 Jul 08:30-10:00, 10:30-12:00, 14:00-15:30**

Biosocial experiments: STS approaches in a life course intervention trial

Michelle Pentecost (King's College London)

Curating the unexpected and unfamiliar: transforming sites of transplant medicine knowledge exchange through pop-up galleries

Suze Berkhout (University of Toronto); Kelly Fritsch (Carleton University); Eva-Marie Stern (University of Toronto)

Dealing with disruption: a schizoanalysis of neoliberal production in the research process

Justine Conte (York University)

P378 Infrastructuring care at the margins

Traditional Open Panel

Convenors: Firaz Peer (University of Kentucky); Nicolás Schöngut-Grollmus (Universidad de O'Higgins); Roda Siad (McGill University)

HG-06A32: **Fri 19 Jul 14:00-15:30**

The use of friendship studies on care & STS research

Carla Fardella (Universidad Andrés Bello); Nicolás Schöngut-Grollmus (Universidad de O'Higgins)

Seeking information equity across infrastructures: a critical examination of creative infrastructural action for care and social support in the field of migration

Isabella Corieri (Syracuse University School of Information Studies)

Data-driven vulnerability assessment tools and the construction of need in Uganda's refugee settlements

Roda Siad (McGill University)

R467 Affects, Power, and the University

Roundtable

Convenor: Donovan Schaefer (University of Pennsylvania)

Discussants: Lisette Jong (University of Amsterdam); Donovan Schaefer (University of Pennsylvania); Ulrike Scholtes (Maastricht Institute of Arts); Esha Shah (Wageningen University and Research)

NU-5A57: **Fri 19 Jul 14:00-15:30**

14:30-16:00

Session 11b

P009 Marine transformations: exploring the technoscience behind our changing relationship with the seas

Traditional Open Panel

Convenors: Jackie Ashkin (Leiden University); Jose A. Cañada (University of Helsinki); Sebastian Ureta (Universidad Católica de Chile)

HG-02A00: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Mining discharge clouds. Turbulent visions of oceanic futures

Marta Gentilucci (University of Mayotte - MSCA Research Fellow University of Bergen)

Contaminated with carbon? New and old geographies of marine waste

Jessica Lehman

Pacifying seaweed: imagining docile objects for novel blue bioeconomies

Patricio Flores (University of Warwick); Sebastian Ureta (Universidad Católica de Chile)

Metabolic thinking with oysters in the Anthropocene

Mariko Yoshida (Hiroshima University)

Transforming science-industry collaboration, transforming ocean futures

Jackie Ashkin (Leiden University)

P014 Making science in public: science communication and public engagement in and for transformation

Traditional Open Panel

Convenors: Sarah Davies (University of Vienna); Noriko Hara (Indiana University); Maja Horst (Aarhus University)

HG-KC07: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

The Art, Science and Technology Studies movement and its impact on science communication

Maja Horst (Aarhus University)

Restructuring social science communication in social media: an ethnographic study on the influence of algorithmic imaginaries on content creation

Clarissa Elisa Walter (Weizenbaum Institute)

Stick to the science: science communication and public engagement among discourse advocates within debates on hormone blockers for trans youth

Dana LaVergne (Loyola University Chicago)

Degeneration time / data time: Alzheimer's disease, temporality, and the Aducanumab approval controversy

Daisy Couture (Princeton University)

P022 Exploring innovation ecosystems: theories, methods, and practices for systemic approaches to the governance of science and technology

Traditional Open Panel

Convenors: Christian Herzog (University of Lübeck); Phil Macnaghten (Wageningen University); Philipp Neudert (Human Technology Center, RWTH Aachen University); Merel Noorman (Tilburg University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Chairs: Christian Herzog (University of Lübeck); Philipp Neudert (Human Technology Center, RWTH Aachen University); Mareike Smolka (Wageningen University and RWTH Aachen University)

Discussants: Stefan Bösch (Human Technology Center, RWTH Aachen University); Barbara van Mierlo (Wageningen University)

HG-06A00: Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00

Understanding the evolution of Technology Assessment: the case of the Netherlands

Virgil Rerimassie (Eindhoven University of Technology); Rinie Van Est (Rathenau Instituut)

Innovation as responsibilities: an assessment of human values

Rider Foley (University of Virginia)

Learning how to learn about gene drives as technologies of interwoven experiences

Rebecca Paxton (University of Adelaide)

P037 Creative transformations through performance and the written word

Combined Format Open Panel

Convenors: Michela Cozza (Mälardalen University); Sally Wyatt (Maastricht University)

Discussant: Nina Klimburg-Witjes (University of Vienna)

HG-10A33: Fri 19 Jul 14:30-16:00

Enhancing engagement in STS research through alternative publication formats

Beatrice Gobbo (Politecnico di Milano); Chiara Poletti (University of Swansea); Ginevra Terenghi (Brunel University London - University of Applied Sciences and Arts of Southern Switzerland)

Art and poetry as creative boundary object? Exploring digital citizenship in 'ON the LINE'

Veerle Spronck (HKU University of the Arts Utrecht)

Utopian imagination: a performative medium for making and doing creative foodscape transformation

Virginie Amilien (Oslo Metropolitan University); Tamalone Eijnden (University of Twente); Justyna Jakubiec (Utrecht University)

Fear, emergency and hope?

Affect and organizing technology in the new becoming of nuclear power

Nina Kivinen (Uppsala University)

Reflections on the trouble of artistic research practices

Inge Römgens (Maastricht University)

P072 Citizen science: possibilities, tensions, and transformations

Combined Format Open Panel

Convenor: Shachi Mokashi (Vrije Universiteit Amsterdam)

Chairs: Alan Irwin (Copenhagen Business School); Michiel Van Oudheusden (VU Amsterdam)

HG-14A00: Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00

What do practitioners of citizen science think about 'citizen science'? A postdigital perspective

Sarah Hayes (Bath Spa University); Petar Jandrić; Michael Jopling (University of Brighton); Sara Tolbert (University of Canterbury)

What role can a citizens' database on food products play in shaping public policy?

Louison Magro (Ecole des Mines de Paris)

Organising discursive interventions for transformative policy making: Collective reflexion on GREENGAGE Observatories

Julia Costa Carneiro (KWMC); Fani Kostourou (Austrian Institute of Technology); Sjors Martens (Breda University of Applied Science); Sabine Seymour; Milena Vuckovic (VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH)

Environmental data from hard-to-reach communities: the potential for citizen science and its variants to boost participation in masterplanning and regulation

Nick Hacking (Cardiff University)

Taping into 'citizen knowledge' for sustainable transitions: citizen science as a regime?

Evelyne Lhoste (Laboratoire Interdisciplinaire Sciences Innovations Sociétés); Lucile Ottolini

P116 Experiments with computer vision: transforming and re-envisioning visual data

Combined Format Open Panel

Convenors: *Aikaterini Mniestri (London School of Economics and Political Science); Bruno Moreschi (Collegium Helveticum ETHZ); Gabriel Pereira (University of Amsterdam); Chrys Vilvang (Concordia University)*

Agora 4, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Imagi(ni)ng realities: enacting referential chains within computer vision

Isak Engdahl (Lund University)

What the good memory looks like: how computer vision resurfaces your photos (and your past)

Chrys Vilvang (Concordia University)

Multimodal fabulations in understanding image recognition algorithms.

Ildikó Plájás (University of Amsterdam)

Green crossings: student/machine learning in the life sciences

Bernie Boscoe (Southern Oregon University); Amy Cheatle (Cornell University)

Measuring (and seeing) data censorship - how to navigate the data-driven narratives that guide our imaginaries and landscapes?

Gabriella Gonçalves (Hochschule für Kunst Bremen)

P127 Participatory methods: opportunities & challenges of inclusivity in research design.

Combined Format Open Panel

Convenor: *Cassy Juhasz (Maastricht University)*

Discussant: *Dani Shanley (Maastricht University)*

HG-07A33: **Fri 19 Jul 14:30-16:00**

Critical and participatory design in-between the tensions of daily schooling: working towards inclusive and reflective digital school development from an STS perspective

Nina Brandau (Helmut Schmidt University Hamburg)

a case of co-design analysis, creating knowledge experts through disability design justice lens

Yoonmee Han (York University)

How you chose to include? Evaluating a co-design study on smart home technologies

Vinicius J. Pereira (University of East Anglia)

Building community resilience: investigating community-based approaches to mitigate climate risks

Benedetta Oberti; Elisa Ravazzoli (Eurac Research)

Upcoming water conflicts in Germany? Creating and exploring potential futures with stakeholders

Simon Brauner (Forschungszentrum Jülich); Fabian Hölzlberger (TU Bergakademie Freiberg); Janina Moschner (ZIRIUS University of Stuttgart)

P163 Sensory interfaces: research through sonic experimentations at the intersection of STS and Design

Combined Format Open Panel

Convenors: *Juan Gomez (Swiss Federal Institute of Technology Lausanne, Geneva University of Arts Design); Léone-Alix Mazaud (Mines Paris, Université PSL, Centre de Sociologie de l'Innovation (CSI), i3 UMR CNRS)*

Theater 5, NU building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Gold & Elasticity - (sound performance)

Swinging grams, the transparent threads of gold extraction and its current use in electronics.

Icaro Lopez de mesa Moyano (HfK Bremen RuG U Groningen)

Atmospheric listening: attuning to a polyphony of environmental voices

Juan Carlos Duarte Regino (Aalto University)

P185 What is to be done? Data infrastructures and doable problems in epidemiology, biomedicine, and beyond

Traditional Open Panel

Convenors: *Lukas Engelmann (University of Edinburgh); Carolina Mayes (University of Edinburgh); Cristina Moreno Lozano (University of Edinburgh); John Nott (University of Edinburgh)*

NU-4A67: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Making multimorbidity (un)doable: a participatory ethnographic study in/of the Zimbabwean healthcare system

Clare Chandler (London School of Hygiene and Tropical Medicine); Efison Dhodho (Organization for Public Health Interventions and Development); Justin Dixon (LSHTM); Rashida Ferrand; Fionah Mundoga (Organization for Public Health Interventions and Development (OPHID)); Chiratidzo Ndhlovu (University of Zimbabwe Faculty of Medicine and Health Sciences); Karen Webb (OPHID)

Containing complexity: networks of expertise and the emergence of genetic epidemiology, 1900-1990

Rhodri Leng (University of Edinburgh); Carolina Mayes (University of Edinburgh)

Data and doability in the British empire: the east African medical survey (c.1946-1956) and the allure of mathematical modernism

John Nott (University of Edinburgh)

P189 The ends of hope: post-optimistic futures worth working towards

Combined Format Open Panel

Convenors: Blanca Callén (Autonomous University of Barcelona); Paul Dourish (UC Irvine); Sophia Efstathiou (Norwegian Uni. of Science and Technology); Elliott Hauser (University of Texas at Austin); Matt Ratto (University of Toronto)
Discussant: Steven Jackson (Cornell University)

HG-02A33: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

Prospecting hope: proximate, millenarian, and ordinary futures at the prospectors and developers association of Canada
Steven Jackson (Cornell University)

The Labour of Hope: Luck, destiny and risk in the global supply chain of brown shrimp
Femke Vulto (University of Oxford)

Maintaining hope: work-arounds, strategies, and practices of communities facing energy vulnerabilities
Sarah Gram (University of Toronto); Matt Ratto (University of Toronto)

P200 Climate actions, algorithms and digital infrastructures

Combined Format Open Panel

Convenors: Sophia Maalsen (University of Sydney); Sung-Yueh Perng (National Yang Ming Chiao Tung University)

NU-4B47: **Fri 19 Jul 14:30-16:00**

Computational cosmology: multi-modal research into the climate model Hector
Guillemette Legrand (Ecole des arts décoratifs (ENSAD-PSL), Basel Academy of Art and Design (FHNW-HGK))

Making satellite data “operational”. Algorithms, climate services and European remote sensing
Dorian Groll (École des Hautes Études en Sciences Sociales)

Digital twins in the making and the remaking of the future
Claudio Coletta (University of Bologna)

Multiplicity of algorithm associations in decarbonisation actions
Sophia Maalsen (University of Sydney); Sung-Yueh Perng (National Yang Ming Chiao Tung University)

P247 Democratic engagements enacted in and by energy transitions

Traditional Open Panel

Convenors: Thomas Berker (Norwegian University of Science and Technology); Sampsa Hyysalo (Aalto University); Gisle Solbu (Norwegian University of Science and Technology)

Discussant: Marianne Ryghaug (Norwegian Univ. of Science and Technology)

Theater 2, NU building: **Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00**

The sustainability of liquified natural gas: analyzing media data in South Korea
Yookyung Chin (KAIST); Dasom Lee (Korea Advanced Institute of Science and Technology (KAIST)); Euibeom Son (Korea Advanced Institute of Science and Technology (KAIST))

Institutioning the co-design of energy innovations in schools
Cindy Kohtala (Umeå University); Goeun Kuu-Park (Aalto University)

(Re)claiming Taiwan. Indigenous people and Taiwanese energy transition - between reclaiming land, constructing identity, and building security
Hui-Tzu Huang (Feng Chia University, Taiwan); Tadeusz Józef Rudek (Jagiellonian University); Roża Rudek (Jagiellonian University)

P250 Understanding and interpreting technology in STS and Philosophy of Technology

Traditional Open Panel

Convenors: Martin Sand (TU Delft); Mark Theunissen (Delft University)

HG-05A24: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Trans- and posthumanism in the light of the anthropology of Günther Anders
Thomas Walli (University of Innsbruck)

Performativities at play: how ethics and conceptualizations of technology reveal and conceal each other
Gert Meyers; Donovan van der Haak (Tilburg University)

Dynamical sociotechnical systems: a new approach
Natalia Fernandez Jimeno (University of Oviedo)

Mediation, models, and simulations in philosophy of technology and their ethical implications
Florian Richter (Technical University Ingolstadt of Applied Sciences)

P278 Digital work futures: adopting and adapting to AI-infused platforms in the digital and creative industries

Traditional Open Panel

Convenor: Martin Berg (Malmö University)

Chair: Martin Berg (Malmö University)

Discussant: Maria Engberg (Malmö University)

Auditorium, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Duct-tape solutionism and click-level bureaucracy in public automation: repairing for emergent futures (that might not come)

Martin Berg (Malmö University)

Making news work: exploring how to mobilise journalists' imaginaries of ai to intervene in public service newsrooms

Bronwyn Jones (University of Edinburgh); Rhianne Jones (BBC)

Tech work: exploring the realm of the possible in tech workers' visions of work futures

Debora Lanzani (Monash University)

The sensory rebellion: challenging the script about future digital work cultures at SXSW

Maria Engberg (Malmö University)

P289 Multiplying degrowth: alternatives to fast science

Combined Format Open Panel

Convenors: Daniela Calmon (International Institute of Social Studies); Michelle Geraerts (University of Amsterdam, Worlds of Lithium ERC); Shivani Kaul (University of Amsterdam); Corinne Lamain (Erasmus University Rotterdam); Ana Victoria Portocarrero (KIT Royal Tropical Institute); Yukari Sekine

Discussants: Oona Morrow (Wageningen University); Emily Yates-Doerr (Oregon State University)

HG-15A16: **Fri 19 Jul 14:30-16:00**

An interplanetary journey across disciplinary planets; learning to listen and explore with a mindset of empathy

Anke de Vrieze (Centre for Unusual Collaborations); Corinne Lamain (Erasmus University Rotterdam)

Ethnographic prospects: contradictions between embodied knowledge practices and industry-led science

Eda Cakmakci (Harvard University)

Together we are stronger than an aggregate of individuals: establishing an urban agricultural network for the city of stavanger: a participatory action research

Mik Abel Hespe van den Brink (University of Stavanger)

P306 Infrastructures of welfare

Traditional Open Panel

Convenors: Doris Allhutter (Austrian Academy of Sciences); Astrid Mager (Austrian Academy of Sciences); Karolina Sztandar-Sztanderska (Institute of Philosophy and Sociology, Polish Academy of Sciences)

Chair: Doris Allhutter (Austrian Academy of Sciences)

HG-01A33: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Studying instruments of government in the welfare system: the case of the risk scoring algorithm of the French social security system

Maud Barret Bertelloni (Sciences Po Université Technologique de Compiègne)

Experience and challenges in the datafication of health: exploring ADM systems in a multi-professional primary care unit, the Community House

Anila Alushi (Leipzig University)

Data forensics in the welfare state. Semi-automated fraud detection between scientific evidence and individual instinct

Astrid Mager (Austrian Academy of Sciences)

P309 Governing biomedical tests: towards social studies of bio-medical testing?

Traditional Open Panel

Convenors: Erik Aarden (Alpen-Adria University Klagenfurt); Ingrid Metzler (Karl Landsteiner University of Health Sciences)

Chairs: Erik Aarden (Alpen-Adria University Klagenfurt); Ingrid Metzler (Karl Landsteiner University of Health Sciences)

Aurora, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

A global technology for local biology: exploring the use of heart rate variability testing for autonomic imbalance in Taiwan

Jia-shin Chen (National Yang Ming Chiao Tung University)

Scientist as influencer: epigenetic clock testing and the place of experts in American public life

Hanna Goldberg (Santa Clara University); Alexis Walker (Columbia University)

Biomarkerization of brain disease: conceptual and societal reflections

Marianne Boenink (Radboud University Medical Centre); Kris Leeuwenberg (Radboudumc); Edo Richard (Radboud University Medical Centre); Chiara Silipigni; Rik van der Linden (Maastricht University); Lennart van der Molen (Radboudumc); Harro van Lente (Maastricht University)

P311 Connecting pasts, presents & futures as a situated intervention for transformation

Combined Format Open Panel

Convenors: Evelien de Hoop (Vrije Universiteit Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam); Erik van der Vleuten (Eindhoven University of Technology)

NU-3B19: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

On pasts, presents and futures in soy stories: how historical knowledge production can play a role in situated interventions

Evelien de Hoop (Vrije Universiteit Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam); Erik van der Vleuten (Eindhoven University of Technology)

On the role of spatial interventions in imagining the future

Miriam Hamel (Bauhaus University Weimar); Claire Waffel (Bauhaus-University, Weimar)

Mapping memories: an ethnography on memory and social media

Kivulcim Zafer Teoman (Galatasaray University)

P314 Transforming collaboration – transformative collaboration

Combined Format Open Panel

Convenors: Louise Elstow (Cambridge University); Nina Kruglikova (University of Manchester)

NU-3A57: Fri 19 Jul 14:30-16:00

Network, trust & a banana discourse: a study of the unorganised banana production web in Daranggiri, a region of assam, northeast India

Kangkana Shivam (Indian Institute of Technology- Guwahati)

Multiplicity of scientific collaboration in the Arctic region in turbulent times of climatic urgency

Nina Kruglikova (University of Manchester)

A study of decision-making and power in African-European research collaborations for sustainability: who decides, and how?

Camilla Tetley (Technical University of Munich)

Navigating multilevel boundaries in fragmented care systems

Violet Petit-Steeghs (Erasmus University Rotterdam); Teyler van Muijden

Imaginations of collaboration

Tobias Drewlani (TU Berlin); Maria Hesjedal (Norwegian University of Science and Technology)

P342 Making and doing transformations in feminist science & technology studies

Combined Format Open Panel

Convenors: Andrea Bossmann (Freie Universität Berlin, Technische Universität Berlin); Martina Erlemann (Freie Universität Berlin); Petra Lucht (Freie Universität Berlin)

NU-3A06: Fri 19 Jul 09:00-10:30, 11:00-12:30, 14:30-16:00

The Affordance Canvas: a feminist tool for integrating socio-cultural aspects in technoscientific research and innovation processes.

Ginevra Sanvitale (Trinity College Dublin); Pat Treusch (Trinity college Dublin (TCD))

Feminist STS in the making: Experiences from translating intersectionality into health technology, artificial intelligence and biodiversity research

Anita Thaler (IFZ - Interdisciplinary Research Centre for Technology, Work and Culture)

Schools as local climate actors in the neighborhood. Participatory development of climate adaptation measures in light of feminist science & technology studies

Franziska Kaiser (Freie Universität Berlin); Petra Lucht (Freie Universität Berlin)

Critical Mapping as a Participatory Method for Transformation in Feminist Science & Technology Studies

Marion Mangelsdorf (Albert-Ludwigs-University Freiburg)

R493 STS as a Site of Refusal: Experience Based Perspectives on Dis/Loyalty & Divergence in Making & Doing

Roundtable

Convenors: Yumi Aguilar (California Polytechnic State University San Luis Obispo); Jane Lehr (California Polytechnic State University); Camille Leute (California Polytechnic State University San Luis Obispo); Gabriel Medina-Kim (Rensselaer Polytechnic Institute); Victoria Siaumau (UC San Diego)

Discussants: Gabriel Medina-Kim (Rensselaer Polytechnic Institute); Victoria Siaumau (UC San Diego)

HG-07A16: Fri 19 Jul 14:30-16:00

15:30-16:30

Coffee/tea break

16:00-17:30

Session 12a

CP433 Navigating toxicity elsewhere and elsewhere

Closed Panel

Convenors: Rebeca Ibañez Martin (Meertens Institute); Emily Yates-Doerr (Oregon State University)

Discussant: Mariana Rios Sandoval (Wageningen University)

NU-6A25: Fri 19 Jul 16:00-17:30

Atomic residue in South Dakota: after fallout, what remains?

Emily Yates-Doerr (Oregon State University)

A not-so-subtle environmental memory: Sugar beets, sulfur smells, and community belonging

Christy Spackman (Arizona State University)

Within the chemosphere: navigating toxicity in dutch greenhouses

Rebeca Ibañez Martin (Meertens Institute)

Critiquing and refusing “tasteless life” through the language of chemicals in mae la refugee camp

Terese Gagnon (The University of North Carolina at Chapel Hill)

Gendered response-ability and caring for waste in West Nusa Tenggara, Indonesia

Anita Hardon (Wageningen University); Diana Pakasi (University of Indonesia)

P015 Fostering socially and ecologically sustainable digitalisation of welfare states

Traditional Open Panel

Convenors: Marta Choroszewicz (University of Eastern Finland); Paula Saikkonen (The Finnish Institute for Health and Welfare (THL))

HG-12A00: **Fri 19 Jul 16:00-17:30**

Sustainable digitalisation of welfare systems: mission impossible?

Marta Choroszewicz (University of Eastern Finland); Paula Saikkonen (The Finnish Institute for Health and Welfare (THL))

Never good enough: digital citizenship and digital exclusion through the perspective of low-literate Dutch citizens

Alexander Smit (University of Groningen)

Marginalizing machines: sociotechnical imaginaries in Dutch digital identification policy

Marcel Broersma (University of Groningen); Maud Rebergen (University of Groningen); Rik Smit

Boundary work and justification practices around GenAI in the Finnish public sector: the case of Benefit Decision Support Tool

Marta Choroszewicz (University of Eastern Finland); Antti Rannisto (Aalto University)

P063 Philanthropy, technoscience, and transformation

Traditional Open Panel

Convenors: Neil Stephens (University of Birmingham); Apolline Taillandier (University of Cambridge); Samantha Vanderslott (University of Oxford)

HG-02A36: **Fri 19 Jul 16:00-17:30**

Green tech philanthropy and CEO activism: an analysis of tech-for-good discourse

Rianne Riemens (Radboud University)

Investing in the climate/ the climate for investors: an exploration of the ethics of philanthropic investment in geoengineering

Albert van Wijngaarden (Cambridge University)

Persuasion work(s). How philanthropic organizations make technological solutions travel

Marc Mölders (Johannes Gutenberg-University Mainz)

Utilitarianism scales: The shared intellectual genealogies of the ethics of autonomous driving and data driven philanthropy

Maya Indira Ganesh (University of Cambridge)

P083 Boundary workers: facilitating dialogue between science and technology studies and scholarship on interdisciplinarity and transdisciplinarity

Combined Format Open Panel

Convenors: Isabel Fletcher (University of Edinburgh); Maria Goñi (Universidad de la República); Ulrike Kuchner (University of Nottingham); Bianca Vienni Baptista (ETH Zurich)

Theater 7, NU building: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

Are we epistemic peers? Applying lessons from the study of ITD

Jakob Lundgren (University of Gothenburg)

Working at the boundary: creative producing as inter/transdisciplinary research method and cultural practice

Lizzie Crouch (UNSW)

Caring for experience in transdisciplinary sociodigital futures

Laurène Cheilan (University of Bristol); Marisela Gutierrez Lopez (University of Bristol); Helen Manchester (University of Bristol)

P146 What is the past and future of actor-network theory?

Traditional Open Panel

Convenors: Christian Nold (The Open University); Andrzej Wojciech Nowak (Adam Mickiewicz University)

Chair: Christian Nold (The Open University)

NU-5A47: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

When ANT met cultural techniques: re-engaging with network cultures

Sebastian Gießmann (Siegen University)

When ANT goes East and enters into a post-latourian episode

Tzung-wen Chen (National Cheng-chi University)

P148 Microbial encounters at the edge: exploring transformative microbe-environment-human relations

Traditional Open Panel

Convenors: Alicia Ng (University of Helsinki); Paula Palanco Lopez (University of Oulu)

HG-09A16: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

The microbiota vault. Making the crisis of the eco-bio-social human

Luca Chiapperino (University of Lausanne); Cécile Fasel (Université de Lausanne)

“Negotiating” with environmental microbes: more-than-human communication in alternative agriculture

Paula Palanco Lopez (University of Oulu)

Cyanobacterial blooms, aquatic relations, and changes to human-environment relating

Jose A. Cañada (University of Helsinki)

P216 Issues of scale: the global and the local in health research projects with a worldwide context

Traditional Open Panel

Convenors: Catalina González-Uribe (Universidad de los Andes); Javier Guerrero-C (Universidad de los Andes); Natalia Nino (Universidad de los Andes)

NU-4A06: **Fri 19 Jul 16:00-17:30**

The twin peaks of the global and the local: worldwide and modest infrastructures for global health

Miller Diaz-Valderrama (Universidad de los Andes); Catalina González-Uribe (Universidad de los Andes); Natalia Nino (Universidad de los Andes)

Exploring the “global”, “local” and culturally-consonant scale up of mental health care services: learnings from The Banyan, India

Deepika Easwaran (The Banyan); vandana Gopikumar (The Banyan, The Banyan Academy of Leadership in Mental Health); Mrinalini Ravi; Barbara Regeer (Athena Institute, Vrije Universiteit Amsterdam)

Understanding pain in worldwide context

Lourdes Biedma Velázquez (CSIC); José Antonio Cerrillo (University Pablo de Olavide); Isabel García; Ana González Ramos (The Spanish National Research Council (CISC)); Rafael Serrano-del-Rosal (Spanish National Research Council); Gema Serrano-Gemes (Universidad de León. Campus de Ponferrada.); Nicolás Ureña Bautista

P219 STI policies’ contested “realities”. Critical approaches for pluralizing inclusive and sustainable development

Combined Format Open Panel

Convenors: Lucas Becerra (National University of Quilmes); Paula Juarez (National University of Quilmes); Eduardo Muniz Pereira Urias (VU Amsterdam)

HG-08A33: **Fri 19 Jul 16:00-17:30**

Socio-Technical Strategic Planning (STSP): A theoretical and practical framework to drive inclusive and sustainable development

Lucas Becerra (National University of Quilmes); Paula Juarez (National University of Quilmes)

Funding and promoting sustainable and impactful research: the case study of the São Paulo Research Foundation in Brazil

Emily Campgnolli; Evandro Coggo Cristofolletti (University of Campinas); Karen E F Pinto; Yohanna Juk (University of Campinas); Bernardo Pereira Cabral; Gabriela Araujo Tetzner (University of Campinas)

Beyond the rhetoric: integrating justice into transformative innovation policy

Kristiaan Kok (VU); Eduardo Muniz Pereira Urias (VU Amsterdam); Ciska Ulug

Pluralizing notions of human-ecosystem-relationships in STI policy - a tale of more than three perspectives

Max Priebe (Fraunhofer ISI and Radboud University ISIS); Philine Warnke (Fraunhofer Institute of Systems and Innovation Research ISI)

P227 Governing life through cells

Traditional Open Panel

Convenors: Veit Braun (University Frankfurt); Sara Lafuente-Funes (Goethe Universität Frankfurt); Ruzana Liburkina (Goethe University Frankfurt)

Discussant: Thomas Lemke (Goethe Universität)

HG-10A20: **Fri 19 Jul 16:00-17:30**

What is a stem cell? – meaning-making in science and how it shapes research practice

Ingrid Tsang (University of Copenhagen); Louise Whiteley (University of Copenhagen)

Reimagining biology: comparing shifts in knowledge production across computational biology and quantum biotech

Allison Fish (University of Queensland); Naveen Thayyil (Indian Institute of Technology Delhi)

Of cells, technologies and milieus: the biopolitics of scaling back up

Veit Braun (University Frankfurt); Sara Lafuente-Funes (Goethe Universität Frankfurt); Ruzana Liburkina (Goethe University Frankfurt)

P246 Peripheral and semi-peripheral science and technology as an object of STS inquiry and theory

Traditional Open Panel

Convenors: Noela Invernizzi (Federal University of Parana); Pablo Kreimer (Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET))

Discussant: Leandro Rodriguez-Medina (Universidad Alberto Hurtado)

HG-13A33: **Fri 19 Jul 16:00-17:30**

Semi-peripheral concepts in STS and their uptake in English-language journal articles

Markus Hoffmann (TU Berlin)

Inverting the gaze: examining the center with peripheral eyes

Amanda Domingues (Cornell University)

How transnational is 4S becoming?

Noela Invernizzi (Federal University of Parana)

Global sociology and STS: global technoscientific fields

Nil Uzun (RWTH Aachen)

P257 Examining, designing, and building knowledge with: methods for amplifying and integrating excluded perspectives

Combined Format Open Panel

Convenor: Daniel Gardner (Chapman University)

HG-11A22: **Fri 19 Jul 16:00-17:30**

Co-narrating life stories as a way of making space for hard-to-hear voices

Dana Hradcova (Charles University Faculty of Humanities); Michal Synek (Charles University Faculty of Humanities)

Critical conversations in participatory action research: data, participation and engagement

Jasmine McNealy (University of Florida); Denise Rutledge Simmons (University of Florida); Idalis Villanueva Alarcón (University of Florida)

Co-creating insights: multimodal experiments and data visualization in the neurosciences

Denielle Elliott (York University); Olivia-Autumn Rennie (University of Toronto)

History as social action: co-production in a complex work

Gemma Lucy Smart (University of Sydney)

P272 Making and doing relationships with AI, cyborgs, robots

Combined Format Open Panel

Convenor: Wes King (University of Washington)

Chair: Neelesh Agrawal (University of Washington)

HG-05A33: **Fri 19 Jul 14:00-15:30, 16:00-17:30**

Technoscience and anthropocentric bias: case of biohybrid robotics

Sergey Astakhov (University of Southampton); Rafael Mestre (University of Southampton)

Staying human in a world of chatbots the risks generative AI poses to social development and relationships, and starting points for shaping the public debate

Marit de Jong (Rathenau Instituut); Bo Hijstek (Rathenau Instituut); Linda Kool; Quirine van Eeden (Rathenau Instituut)

From cyborg despair to AI romance: evolving relationships and personhood in Blade Runner 2049

Neelesh Agrawal (University of Washington); Wes King (University of Washington)

P291 STS and the values of replication and open science

Combined Format Open Panel

Convenors: Jonna Brenninkmeijer (Amsterdam UMC); Maarten Derksen (University of Groningen); Stephanie Meirmans (Amsterdam UMC, University of Amsterdam); Jeannette Pols (University of Amsterdam)

HG-11A33: **Fri 19 Jul 16:00-17:30**

How to interact as an STS scholar and philosopher with the open science reform movement?

Stephanie Meirmans (Amsterdam UMC, University of Amsterdam)

The hermeneutics of data management plans: open science policy in the United States

Amelia Acker (The University of Texas at Austin); Megan Finn (American University); Sarika Sharma (Middlebury College); Thomas Struett (American University); Yubing Tian

Bridging qualitative depth and quantitative rigor: a mixed-methods journey

Célya Gruson Daniel (Inno3)

Knowledge production modes: the relevance and feasibility of 'reproducibility'

Jesper Wiborg Schneider (Aarhus University); Sven Ulpts (Aarhus University)

A replication of social studies of replication

Jonna Brenninkmeijer (Amsterdam UMC); Maarten Derksen (University of Groningen)

P337 Living on Speculative Knowledge Systems (LoSKnoS)

Combined Format Open Panel

Convenors: Juan Felipe Espinosa Cristia (Universidad Técnica Federico Santa María); Martin Perez Comisso (Universidad de Chile)

Chair: Martin Perez Comisso (Universidad de Chile)

HG-11A24: **Fri 19 Jul 16:00-17:30**

The Vision of Post-Decarbonization Aeromobilities: A Critical Ethnographic Perspective

René Catalán Hidalgo (Pontificia Universidad Católica de Chile)

Speculating about my digital future: Children and practitioners (co)creating design fiction

Rebecca Ng; Aleesha Rodriguez (Australian Research Council Centre of Excellence for the Digital Child, QUT)

From speculation to prediction: the socio-material production of future knowledge between actors and predictive algorithms
Ingmar Mundt (Weizenbaum Institute Berlin)

Exploring Anticipation as Temporal Speculation for Future-Making.
Martin Perez Comisso (Universidad de Chile)

Toward a Media Archaeology of Speculation: Algorithms, Data, and Divination
Leona Nikolić (Concordia University)

P367 Addressing existential threats through a transformative education: towards a conversation between STS and ethics approaches

Traditional Open Panel

Convenors: Gülizar Karahan Balya (Middle East Technical University); Manolis Simos (National and Kapodistrian University of Athens); Halil Turan (Middle East Technical University, Ankara); Aristotle Tympas (National and Kapodistrian University of Athens)
Chairs: Halil Turan (Middle East Technical University, Ankara); Aristotle Tympas (National and Kapodistrian University of Athens)
Discussants: Arsev Umur Aydinoglu (Middle East Technical University); Gülizar Karahan Balya (Middle East Technical University)
HG-08A20: **Fri 19 Jul 16:00-17:30**

The role of STS in engineering ethics education in China
Ping Li (Tsinghua University SIGS); Pusheng WANG (Tsinghua University)

Ethical landscape of the free open-source software movement: addressing contemporary ethical challenges through open education strategies
Erkan Özmacun

Towards ethically-driven technological dialogue: realizing transformative objectives in ethics education
Büşra Akkökler Karatekeli (Middle East Technical University); Gülizar Karahan Balya (Middle East Technical University); Halil Turan (Middle East Technical University, Ankara)

P386 Unpacking the hype: critical approaches to psychedelic studies

Traditional Open Panel

Convenors: Kai Blevins (George Washington University); Logan Neitzke-Spruill (Baylor College of Medicine)
Discussant: Claudia Gertraud Schwarz (Karl Landsteiner University of Health Sciences)
NU-3B05: **Fri 19 Jul 16:00-17:30**

Balancing narratives: ethical considerations in AI-driven psychedelic research
Celina Strzelecka (Institute of Philosophy and Sociology Polish Academy of Sciences)

Psychedelics' transformative potential: a critical exploration of hype in psychedelic research
Logan Neitzke-Spruill (Baylor College of Medicine)

Hype or hope? Care and the promise of psychedelic science
Kai Blevins (George Washington University)

Psychedelics and STS: affirming and re-orienting the hype
mateo Sanchez Petremnet (University of Amsterdam)

R476 Author Meets Critics: The Ends of Research: Indigenous and Settler Science after the War in the Woods

Roundtable

Convenors: Emma Kowal (Deakin University); Tom Ozden-Schilling (National University of Singapore)
Chair: Emma Kowal (Deakin University)
Discussants: Candis Callison (University of British Columbia); Christopher Kelty (UCLA); Emma Kowal (Deakin University); Bill Rankin (Yale University); Sarah Vaughn (Yale School of Forestry and Environmental Studies)
HG-02A24: **Fri 19 Jul 16:00-17:30**

R499 Justice, Power, and Race in STS: A Roundtable Discussion on the Current State of STS

Roundtable

Convenors: Melissa Creary (University of Michigan); Maya Cruz (The Ohio State University)
Chair: Melissa Creary (University of Michigan)
Discussants: Kristen Bos (University of Toronto); Coleen Carrigan (University of Virginia); Melissa Creary (University of Michigan); Sarah McCullough (University of California, Davis); Fernanda Yanchapaxi (University of Toronto)
Theater 1, NU building: **Fri 19 Jul 16:00-17:30**

R501 Against "Recovery": A Feminist/Intersectional Science and Technology Studies (FISTS) take on social justice, embodiment, health, and dis-ease

Roundtable

Convenor: Elizabeth Bernstein (Barnard College, Columbia University)
Chair: Elizabeth Bernstein (Barnard College, Columbia University)
Discussants: Kerwin Kaye (Wesleyan University); Amade Aouatef M'charek (University of Amsterdam); Samuel Roberts (Columbia University); Amy Zhou (Barnard College)
HG-15A33: **Fri 19 Jul 16:00-17:30**

R502 Experimenting with Academic Knowledge Production

Roundtable

Convenor: *Janneke Adema*

Chair: *Janneke Adema*

HG-06A32: **Fri 19 Jul 16:00-17:30**

W475 STS + Public Interest Technology (PIT): Exploring intersections and building capacity

Workshop

Convenors: *Afua Bruce*; *MC Forelle* (University of Virginia, School of Engineering); *Andreen Soley* (New America)

NU-5A57: **Fri 19 Jul 16:00-17:30**

W483 An STS Teachbook Workshop: Workshopping Recipes for Critical Pedagogies in Undergraduate Education

Workshop

Convenors: *Marisa Brandt*; *Megan K. Halpern* (Michigan State University); *Marie Stettler Kleine* (Colorado School of Mines); *Nicole Mogul* (University of Maryland College Park); *Elizabeth Reddy* (Colorado School of Mines); *Emily York* (James Madison University)

HG-07A32: **Fri 19 Jul 16:00-17:30**

16:30-18:00

Session 12b

A001 Queer Data Studies

Author Meets Critics

Convenor: *Patrick Keilty* (University of Toronto)

Chairs: *Geoffrey Bowker* (University of California, Irvine); *Nanna Thylstrup*

Discussants: *Patrick Keilty* (University of Toronto); *Harris Kornstein* (University of Arizona); *Shaka McGlotten* (Purchase College-SUNY); *Stephen Mollidrem* (University of Texas Medical Branch); *Suisui Wang* (Indiana University Bloomington)

HG-KC07: **Fri 19 Jul 16:30-18:00**

CP424 New methods for research on/with neuro-medical subjectivities

Closed Panel

Convenors: *Cinzia Greco* (University of Manchester); *Anna Stenning* (Durham University)

Discussant: *Angela Marques Filipe* (Durham University)

HG-06A33: **Fri 19 Jul 16:30-18:00**

Pulling apart physiological and normative uncertainty in diagnosis, prognosis, and treatment of neurodiverse conditions

Mayli Mertens (University of Antwerp)

Neurodiverse attunements: rupturing normative communication and method in anthropological research

Roslyn Malcolm (Durham University)

Making and doing transformations in autism research

Anna Stenning (Durham University)

The other looping effect: autism as a lens to analyse social transformations

Cinzia Greco (University of Manchester)

P017 Artificial climates and experimental biology

Traditional Open Panel

Convenors: *Lucie Gerber* (Centre National de la Recherche Scientifique, UMR 7363 SAGE, FRANCE); *David Munns* (City University of New York)

HG-10A00: **Fri 19 Jul 16:30-18:00**

The birth of thermopolitics. Wet-bulb temperatures, industrial microclimates, and class struggle in the early 20th century

Grégoire Chamayou (CNRS ENS Ulm (Paris))

The fowl is a creature of circumstances: artificial light and egg production at Cornell's poultry department, c. 1910s-1930s

Lucie Gerber (Centre National de la Recherche Scientifique, UMR 7363 SAGE, FRANCE)

The people's planetship: Soviet closed environment experiments and the new ecological status of the spaceman

David Munns (City University of New York)

Thinking climate through artificial ecosystems: an ethnographic archaeology of the Île-de-France Ecotron

Elie Danziger (Laboratoire d'Anthropologie Sociale, EHESS)

P116 Experiments with computer vision: transforming and re-envisioning visual data

Combined Format Open Panel

Convenors: *Aikaterini Mniestri* (London School of Economics and Political Science); *Bruno Moreschi* (Collegium Helveticum ETHZ); *Gabriel Pereira* (University of Amsterdam); *Chrys Vilvang* (Concordia University)

Agora 4, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

The algorithm will see you now: on the distorted re-envisioning of trans bodies through reverse image searching algorithms

Aikaterini Mniestri (London School of Economics and Political Science)

I've never been to Acapulco. But I like it there.

Bruno Moreschi (Collegium Helveticum ETHZ)

Seeing like algorithmic surveillance

Gabriel Pereira (University of Amsterdam)

Excavating the interesting: surfacing scenarios in autonomous vehicle training datasets

Sam Hind (University of Manchester)

P132 Data on the move: the politics of cross-border health data infrastructures

Traditional Open Panel

Convenors: Klaus Hoeyer (University of Copenhagen); Luca Marelli (University of Milan); Tamar Sharon (Radboud University)

HG-14A00: **Fri 19 Jul 16:30-18:00**

Imaginary access without limits

Michaela Mayrhofer (BBMRI-ERIC)

Envisioning the European health data space: potential implications upon the reshaping of biobanking infrastructure

Anders Korsgaard (The National and Kapodistrian University of Athens)

A qualitative comparison of four European data infrastructures for the acquisition, management, and sharing of Covid-19 health data: a litmus test for the European Health Data Space?

Carlo Botrugno; Anne-Marie Fors Connolly (Umeå University); Sebastian Kalucza (Umeå University); Federica Lucivero (University of Oxford); Luca Marelli (University of Milan); Vittoria Porta (European Institute of Oncology IRCCS (IEO)); Naja Rod (University of Copenhagen); Giuseppe Testa (European Institute of Oncology / University of Milan); Ine Van Hoyweghen (KU Leuven)

From promises of individual control to new necessities of seamless information flow: is the tide turning in (Swiss) health data governance?

Andrea Martani (University of Basel)

Navigating the regulatory landscape: the role and challenges of health data access bodies within the European health data space proposal

Fatma Sumeyra Dogan (Jagiellonian University)

P162 Qualitative digital methods: transforming methodologies

Traditional Open Panel

Convenors: Lisa Gerzen (Ruhr University Bochum); Johannes Paßmann (Ruhr University Bochum); Ronja Trischler (Technische Universität Dortmund)

Theater 2, NU building: **Fri 19 Jul 16:30-18:00**

Developing a reflexive approach to computational methods in science and technology studies

Silke Beck (TUM); David Demortain (LISIS - Laboratoire Interdisciplinaire Sciences Innovations Sociétés, France); Scott Frickel (Brown University); Fiona Kinniburgh (Technical University of Munich); Nils Matzner (Technical University Munich)

Digital methods in qualitative secondary research. Promises and pitfalls of digital methods in expanding research processes

Lina Franken (University of Vechta)

Making lists (differently) - how digital methods intervene

Carolin Gerlitz (University of Amsterdam); Lena Teigeler (University of Siegen)

Unraveling patterns in media consumption: a qualitative microscopic analysis of digital trace data

Miira Hill (University of Bremen); Cornelius Puschmann; Patrick Zerrer (ZeMKI, Centre for Media, Communication and Information Research)

P168 The knowledge of scientific outposts: epistemology of postcolonial circulations

Traditional Open Panel

Convenors: David DUMOULIN KERVRAN (Sorbonne Nouvelle University -); Jérôme Lamy (CNRS); Jan Verlin (Université Jean Moulin Lyon 3 - Triangle)

HG-02A33: **Fri 19 Jul 16:30-18:00**

Agronomy stations in the FWI: from chlordecone testers to chlordecone detectors

Justine Berthod (CREDA (Sorbonne Nouvelle/CNRS))

Scientific outposts, with or without social sciences? How the presence of social sciences to study ecosystems transforms knowledge production in Human-Environment Observatories

Anne-Gaëlle Beurier (Sorbonne Nouvelle University); Ines Calvo Laplaige (Museum National d'Histoire Naturelle)

Epistemology of scientific outposts: a (brief) introduction

David DUMOULIN KERVRAN (Sorbonne Nouvelle University -); Jérôme Lamy (CNRS); Jan Verlin (Université Jean Moulin Lyon 3 - Triangle)

P184 Engaging with the mobile world: humans, animals, microbes, risks and care

Traditional Open Panel

Convenors: Andrea Butcher (University of Helsinki); Alena Kamenshchikova (Maastricht University); Catherine Will (University of Sussex)

HG-02A00: **Fri 19 Jul 16:30-18:00**

The making of strangers in the multispecies world: Continuity of care for labour migrants

Alena Kamenshchikova (Maastricht University)

Cross-border research network – the Hong Kong case of SARS

Rachel Zicheng Yang (The University of Sydney)

Mapping microbial mobility: making better maps for AMR research

Andrea Butcher (University of Helsinki)

The challenges of seeing antimicrobial resistance through the eyes of a fastidious and simple organism

Catherine Will (University of Sussex)

P185 What is to be done? Data infrastructures and doable problems in epidemiology, biomedicine, and beyond

Traditional Open Panel

Convenors: Lukas Engelmann (University of Edinburgh); Carolina Mayes (University of Edinburgh); Cristina Moreno Lozano (University of Edinburgh); John Nott (University of Edinburgh)

NU-4A67: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Science as schistosomiasis. How infectious disease modelling made the impact factor doable

Lukas Engelmann (University of Edinburgh)

Knowing the infection: an ethnography of epidemiological learning and practice

Maksim Novokreshchenov (University of Edinburgh)

You do you: the costs of maintaining trust in science

Emily Harrison (Wellesley College)

P250 Understanding and interpreting technology in STS and Philosophy of Technology

Traditional Open Panel

Convenors: Martin Sand (TU Delft); Mark Theunissen (Delft University)

HG-05A24: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Where is the (post)phenomenological in STS? Squaring the hermeneutic circle of technological interpretation

Bernhard Isopp (Technical University of Munich)

The challenge of deliberation: between subjectivism and hubris

Udo Pesch (Delft University of Technology)

Technological utopianism and the notion of justice

Martin Sand (TU Delft)

P278 Digital work futures: adopting and adapting to AI-infused platforms in the digital and creative industries

Traditional Open Panel

Convenor: Martin Berg (Malmö University)

Chair: Martin Berg (Malmö University)

Discussant: Maria Engberg (Malmö University)

Auditorium, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Truth and dare: how fact checkers embrace the infusion of ai into their work and take part in its development

Yarden Skop (University of Siegen)

Emotions and moral reasoning in the work of technology practitioners

Kristina Popova

The right tools for the job ? An ecological lens on unlikely AI adoptions

Vera Tauber (University of Lucerne); Désirée Waibel (University of Lucerne)

Less laborious, more creative? How AI is imagined and used in contemporary VFX

Hannah Schallert (Concordia University)

P306 Infrastructures of welfare

Traditional Open Panel

Convenors: Doris Allhutter (Austrian Academy of Sciences); Astrid Mager (Austrian Academy of Sciences); Karolina Sztandar-Sztanderska (Institute of Philosophy and Sociology, Polish Academy of Sciences)

Chair: Doris Allhutter (Austrian Academy of Sciences)

HG-01A33: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Digital welfare: promises of data power in regulatory discourses

Irina Zakharova (Leibniz University Hannover)

Expectations of ADM and urban data management imagined futures

Doris Allhutter (Austrian Academy of Sciences); Rafaela de Alcantara (Austrian Academy of Sciences)

Politics and algorithmic articulation of law: development of profiling algorithm in Polish labour market policies

Joanna Mazur (University of Warsaw); Karolina Sztandar-Sztanderska (Institute of Philosophy and Sociology, Polish Academy of Sciences)

P309 Governing biomedical tests: towards social studies of bio-medical testing?

Traditional Open Panel

Convenors: Erik Aarden (Alpen-Adria University Klagenfurt); Ingrid Metzler (Karl Landsteiner University of Health Sciences)
Chairs: Erik Aarden (Alpen-Adria University Klagenfurt); Ingrid Metzler (Karl Landsteiner University of Health Sciences)
Aurora, main building: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Making ethically sound tissues, people and institutions: testing practices in enacting "safe" blood management in the Finnish Red Cross Blood Service

Ronja Tammi (University of Helsinki)

Biomedical tests and childhood obesity: assessing risks and reshaping responsibilities

Ilaria Galasso (Technical University of Munich); Stuart McLennan (Technical University of Munich)

Testing Covid-19 in Brazil: building public testing infrastructures during a health crisis

Koichi Kameda de F. Carvalho (University of Bordeaux); Mady Malheiro Barbeitas (CNRS)

Testing during public health crises: on the socio-medical configuration and appropriation of viral testing technologies

Katerina Vlantoní (National and Kapodistrian University of Athens)

P311 Connecting pasts, presents & futures as a situated intervention for transformation

Combined Format Open Panel

Convenors: Evelien de Hoop (Vrije Universiteit Amsterdam); Sjamme van de Voort (Vrije Universiteit Amsterdam); Erik van der Vleuten (Eindhoven University of Technology)
NU-3B19: **Fri 19 Jul 14:30-16:00, 16:30-18:00**

Translating insights from historical research to transdisciplinary research: 'mnemonic imagination' in energy transitions

Gijs ten Berge (Technische Universiteit Eindhoven)

Mapping destabilisation journeys in urban mobility systems: the case of Hamburg

Tom Hawxwell (HafenCity University)

Contesting the flow of light/svet: Tajikistan's electricity grid between moralities of the past and the future

Simon Sackers (Leiden University)

How to design a city district using futures thinking and research by design: case of Wesola district, Kraków - Poland

Agata Bisping (AGH University of Science and Technology in Krakow)

P326 Varieties of the digital: variants of digitalisation in experimental and ML-based research practices

Traditional Open Panel

Convenors: Stefan Bösch (Human Technology Center, RWTH Aachen University); Gabriele Gramelsberger
HG-08A00: **Fri 19 Jul 16:30-18:00**

The computer as a reproducibility machine

Arianna Borrelli (Bielefeld University and TU Berlin)

The rise of AI in mathematical research and its digital infrastructure

Daniel Wenz (RWTH Aachen)

When digital was computational: circulation of scientific software

Alexandre Hocquet (Archives Poincaré and KHK core RWTH Aachen); Frederic Wieber (AHP-PReST - Université de Lorraine)

Although this method lacks the physical transparency of the traditional line of attack, its frank pragmatism is surprisingly successful. Artificial neural networks and chemical research culture

Marcus Carrier (RWTH Aachen University)

Experiments in digitalisation: from synthetic psychology to new infrastructures of production

Joffrey Becker (ENSEA - ETIS)

P349 Health knowledge in society: biomedical expertise, technologies, inclusion and inequality

Traditional Open Panel

Convenor: Larry Au (The City College of New York, CUNY)
NU-4B47: **Fri 19 Jul 16:30-18:00**

What's In a Name? Contrasting the Politics of Post-Covid Symptoms Across Three Countries

Larry Au (The City College of New York, CUNY); Amanda Curi; Renan da Silva (ETH Zurich); Gil Eyal (Columbia University); Yijie (Coco) Fang (University of California, Santa Barbara); Jingyu Lang (Washington State University); Shuhan Li; Chang Liu (The New School for Social Research); Jian Su (Purdue University)

They want to live forever: private investors and the making of a life extension revolution in biomedicine

Alberto Aparicio (University of Texas Medical Branch)

Domination in the laboratory: a north-south history of diarrhea technologies

Luis Aue (Humboldt University Berlin)

Prevention by proxy: doing transformations with HIV science and pleasure in sex for gay, bisexual, and other men who have sex with men

Julien Brisson (University of Toronto); Daniel Grace (University of Toronto); Amaya Perez-Brumer (University of Toronto)

Power, knowledge and biomedical expertise: inequalities within the medical practitioners-patients' relationships in HPV diagnosis in Mexico

Cesar Torres-Cruz (Universidad Nacional Autónoma de México)

P383 Tropical materialities

Traditional Open Panel

Convenors: Boyd Ruamcharoen (Massachusetts Institute of Technology); Hina Walajahi (Massachusetts Institute of Technology)

Chair: Liliana Gil (Ohio State University)

Discussant: Boyd Ruamcharoen (Massachusetts Institute of Technology)

Agora 2, main building: **Fri 19 Jul 16:30-18:00**

Tropical disorientations: ambivalent affects in the project of corporate sustainability

Montserrat Perez Castro (Dartmouth College)

Tropical materialities in the cooling of internet infrastructures

Yee Win Neo (King's College London-National University of Singapore)

R199 Making and doing ethical genomic research in Africa

Roundtable

Convenors: Yasmine Aguib (Magdi Yacoub Heart Foundation); James Doucet-Battle (University of California, Santa Cruz); Ruth Müller (Technical University of Munich); Clarissa Prazeres da Costa (Technical University of Munich); Jenny Reardon (UC Santa Cruz)

Discussant: Rebekah Ciribassi (University of Oslo)

NU-3A06: **Fri 19 Jul 16:30-18:00**

An ethics of scale: making the "global" and the "local" in new genetic medicine in Tanzania

Rebekah Ciribassi (University of Oslo)

R474 Care, Extraction, Technoscience

Roundtable

Convenors: Stefanie Graeter (University of Arizona); Mitali Thakor (Wesleyan University)

Discussants: Vivian Choi (St. Olaf College); Theodora Dryer (University of California, San Diego); Norma Möllers (Queen's University); Noah Tamarkin (Cornell University); Kalindi Vora (Yale University)

HG-07A16: **Fri 19 Jul 16:30-18:00**

W488 Semantic, social, spatial and temporal network and cluster analyses of corpora with Cortext (no technical prerequisites)

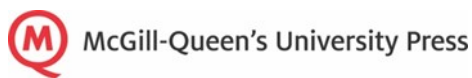
Workshop

Convenors: Marc Barbier (Univ Gustave Eiffel, UMR LISIS, INRAE); Alexandre Hannud Abdo (Université Gustave Eiffel, UMR-LISIS, CNRS)

HG-06A00: **Fri 19 Jul 16:30-18:00**

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EASST-4S 2024 Amsterdam: Making and doing transformations

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The Event Ethics Committee is a confidential advisory team constituted in order to offer prompt support to conference participants who might need it. They will handle all queries or concerns with the utmost discretion. The advisory team consists of two members of the local organizing committee, two EASST ethics committee members, two 4S ethics committee members and one NomadIT administrator:

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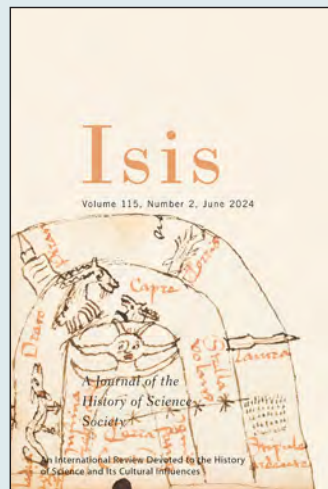
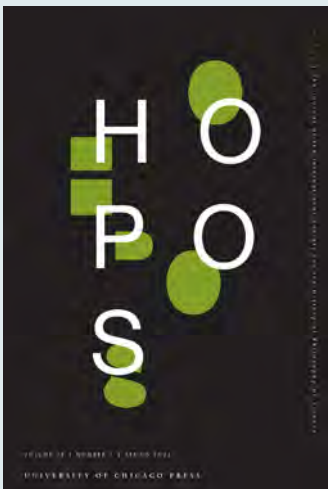


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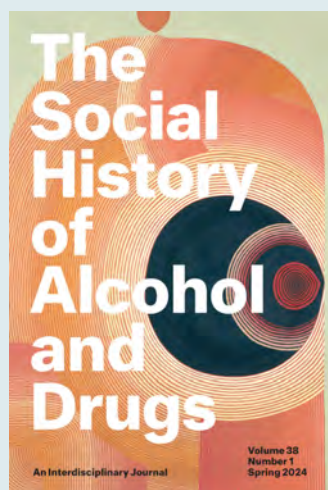
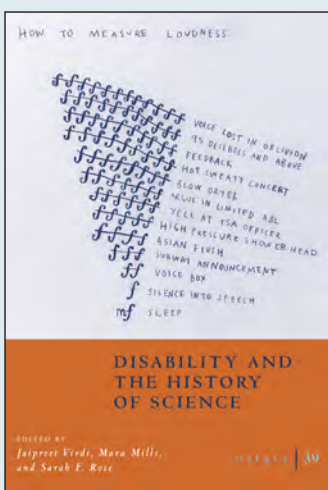
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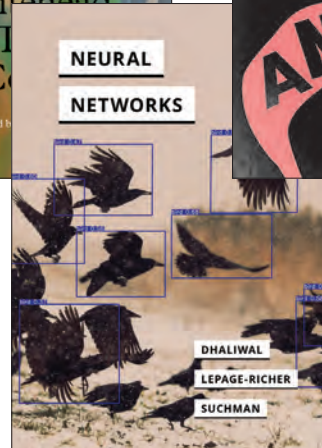
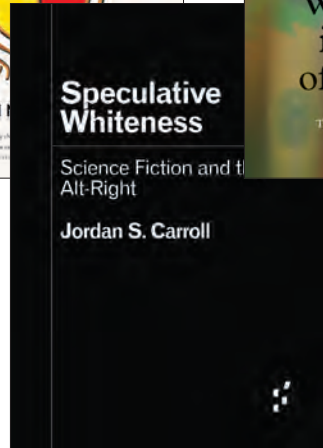
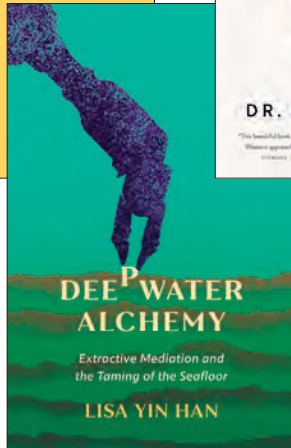
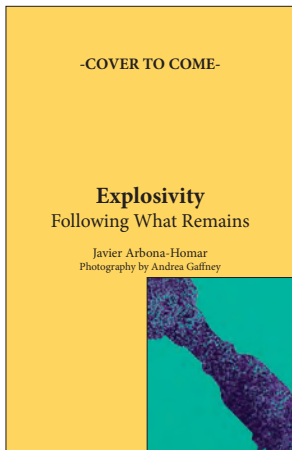
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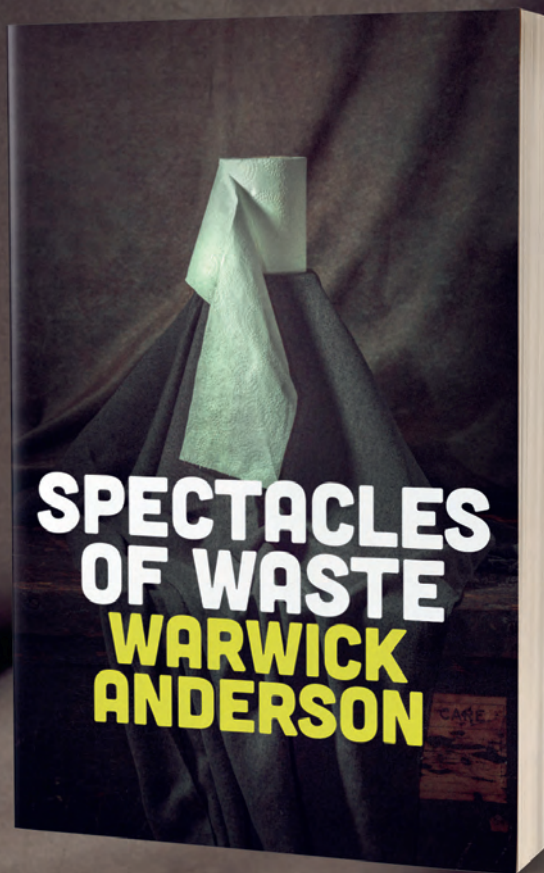
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with a special section on
Autoimmunities in the Wake of COVID-19
Edited by Travis Alexander and Nishant Shahani

Untitled, By Pipou Hébert.
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Vol. 9, No. 2, Fall 2023
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Vol. 9, No. 1, Spring 2023
with a special section on
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Engaging Science, Technology, and Society



This year *ESTS's* Editorial Collective won the *4S Infrastructure Award* for its contribution for *transnationalizing* and *decolonizing* its publishing process through its processes, ecosystem and valuable collaborations. Follow the collective's thinking and efforts towards developing *ESTS's* infrastructure and publishing practices through their *Editorials*:

Vol 9 *Caring for Scholarship in Transition – Innovationism Across Transnational Landscapes – Towards Transnational STS*

Vol 8 *Pursuing Transnational STS – Open Research Data – Building Community with ESTS*

Vol 7 *Publishing ESTS – Infrastructuring ESTS*

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The Open Access Community Investment Program (OACIP) pledging campaign continues for five years (2023–28). We urge readers to take this opportunity to recommend *ESTS* to their institutional departments and libraries for pledging support.





Lead Editor(s) | Social Studies of Science

Deadline: October 10, 2024

The journal *Social Studies of Science* (SSS), is inviting expressions of interest for the journal's Lead Editor(s).

The SSS Lead Editor(s) are expected to fill the position for a minimum of three years following a transition in collaboration with the current Editor, Sergio Sismondo, with possible renewal for a second term. We are glad to consider proposals either from individuals, or for co-editorship. The Lead Editor or editorial team has primary responsibility for the ongoing curation of the journal and works closely with the journal's Associate Editors to manage the peer review process and ensure timely publication. The editorial team is supported in setting editorial directions by the journal's Editorial Advisors.

To help maintain SSS as a venue for the publication of research of outstanding quality and relevance in science and technology studies, we seek scholars who are deeply engaged in the field and have extensive experience with editorial work. We welcome expressions of interest from colleagues located across regions and with expansive visions of the field of science and technology studies past, present and future.

Interested candidates are strongly encouraged to consult with the current Editor, Sergio Sismondo, prior to submitting a formal proposal. Please contact him at: sismondo@queensu.ca for further detail on the various dimensions of the role, the associated budget, the contract with Sage, and other relevant matters.

Expressions of interest should be in the form of a proposal of no more than four pages, emailed to the selection committee chair, Lucy Suchman, at: l.suchman@lancaster.ac.uk.

The proposal should detail motivations to apply for the role of Lead Editor(s), editorial philosophy and vision for the journal, editorial experience, and contributions to the field of science and technology studies (in particular, capacity building and service). The proposal should specify a start date, with a transition period to be agreed upon with the current Editor. A full CV should also be included as a separate attachment. Those interested in serving as an editorial team should submit a single proposal, with separate CVs for each co-editor. Proposals should also include statements of support from Heads of Department/Department Chairs or other relevant parties at the applicants' institution of employment, as a supplement to the primary statement.

The deadline for the receipt of applications is October 1, 2024. Proposals will be reviewed by a committee drawn from among the current Associate Editors and Editorial Advisors. The committee comprises Yuko Fujigaki, Edward Hackett, Adam Hedgecoe, Javier Lezaun, Martyn Pickersgill, Lucy Suchman (committee chair), and Ana Viseu. Vivette García Deister, Editor of *Tapuya*, has also kindly agreed to serve. The committee will produce a recommendation, with the final decision confirmed by the Associate Editors and Editorial Advisors, in consultation with Sage Publications Ltd.

Contact

Prior to submission:
Sergio Sismondo, Editor
sismondo@queensu.ca

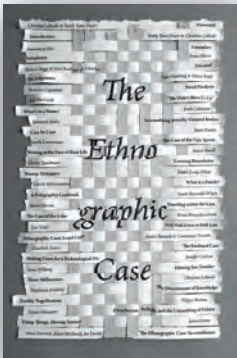
For Submission:
Lucy Suchman,
Selection Committee Chair
l.suchman@lancaster.ac.uk



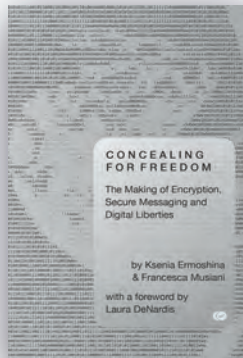
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