## Program at a Glance

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| All day events | Publisher and Book Exhibits  
*ICC: Level 2* | Publisher and Book Exhibits  
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| | STS Across Borders  
*ICC: Level 3* | STS Across Borders  
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| | Short Film Program  
*Powerhouse Museum, Kings Cinema* | Short Film Program  
*Powerhouse Museum, Kings Cinema* | Short Film Program  
*Powerhouse Museum, Kings Cinema* |
| 9:00 – 10:30 | 9:00 – 11:30  
001. STS Journal Roundtables  
*ICC: Cockle Bay Room* | Concurrent Sessions (26) | Concurrent Sessions (26)  
110. Carson Book Prize: Author meets critic  
*ICC: Parkside 1*  
Concurrent Sessions (26)  
160. Fleck Book Prize: Author meets critic |
| 10:30 – 11:00 | Coffee Break | Coffee Break | Coffee Break |
| 11:00 – 12:30 | Concurrent Sessions (26)  
13:30 – 17:00  
002. Making and Doing Sessions  
*Powerhouse Museum: The Lab* | Concurrent Sessions (26)  
152. Special Plenary: Bernal Lecture  
Speaker: Trevor Pinch  
*ICC: Parkside 1* | Concurrent Sessions (26)  
184. Sub-plenary: STS Across Scale: 4S Meets Regional STS Organisations  
*ICC: C2.3* |
| 12:30 – 14:00 | Lunch Break  
053. Asia-Pacific STS Network Business Meeting  
*ICC: C2.4*  
054. Indigenous STS Meet-Up  
*ICC: C2.5* | Lunch Break  
153. Transformed Academic Careers  
*ICC: C2.4*  
154. Australian-French STS Researcher Networking  
*ICC: C2.5* | Lunch Break  
206. 4S Business Meeting  
*ICC: C2.4*  
207. Knowledge asymmetries in/from the Global South: Power, Practices and Legitimation  
*ICC: C2.5* |
| 14:00 – 15:30 | Concurrent Sessions (26)  
155. Special Plenary: Indigenous STS Plenary  
Speakers: Marisol de la Cadena, Marama Muru Lanning, Lynette Russell, Kim Tallbear, Kyle White  
*ICC: Parkside 1* | Concurrent Sessions (26) | Concurrent Sessions (26) |
| 15:30 – 16:00 | Coffee Break | Coffee Break | Coffee Break |
| 16:00 – 17:30 | Concurrent Sessions (26)  
097. Special Sessions: Mullins Prize  
*ICC: E5.4* | 156. Special Plenary: Awards Plenary  
*ICC: Parkside 1* | Concurrent Sessions (23)  
232. Special Event: STS in Practice: Activism, Algorithms and Accountability with Joan Donovan  
*ICC: C2.3* |
| Evening events | 17:15 – 18:45  
004. Welcome to Country and Presidential Plenary  
Speaker: Kim Fortun  
*ICC: Cockle Bay Room*  
18:00 – 19:30  
103. Dyason Lecture  
Speaker: Helen Verran  
*ICC: C2.3* | 17:45 – 19:00  
Pre-Banquet Drinks  
*ICC: Level 3* | 19:30 onwards  
157. 4S Sydney 2018 Banquet  
*Powerhouse Museum*  
With ‘critical gelatin studies workshop’ by Lindsay Kelley |
| | 19:00 onwards  
005. Welcome Reception  
With DJ Alex Lippman  
*ICC: Cockle Bay Room* | | |
WEDNESDAY, AUGUST, 29

001. STS Journal Roundtables
Special Event
9:00 to 11:30 am
ICC: Cockle Bay Room

002. Making and Doing Sessions
Special Event
1:30 to 5:00 pm
Museum of Applied Arts and Sciences: The Lab
Special exhibition in which 40 participants share their on-the-ground practices and innovations in scholarly knowledge work in a wide range of formats:
Participants:

‘Lift me up!’ Engaging publics through film —Lina Ingeboorgud, Ivana Suboticki, Norwegian University of Science and Technology; Vivian Anette Lagesen, NTNU; Jonas Hustad, Brillefilm

‘Nuclear’: Creative Arts Exposing Humanitarian Impacts of the Atomic Bomb, using immersive digital projections —Paul Frederick Brown, University of New South Wales

A Theatre of Digital Designing —Allen Higgins, University College Dublin

Across an archive of digital memories —Vishnupriya Das, University of Michigan

AI and Society: Creating Dialogue, Network and Future —Arisa Ema

Aurator: audio diaries across synthetic biology’s disciplinary boundaries —Britt Damm Wray, University of Copenhagen

Building a Modern Chemistry Set —Alice Williamson, The University of Sydney; Annabelle Buda, The University of Sydney

Collaborative Explorations —Peter J. Taylor, UMass Boston

Confidentiality, Openness, and Attribution: Creating Pedagogical Spaces for Earnest Exchange About Science & Science Policy —Eric Kennedy, Consortium for Science, Policy, and Outcomes - Arizona State University; Matthew Harsh, Concordia University

Cursed With Good Ideas: Podcasting workshop about podcasting in post-crisis academia —Jonathan Burrow, University of Oulu; Ge Zhang, RMIT

Digital futures of karang guni recycling in Singapore —Lyle Fearnley, Singapore University of Technology and Design

DIO: A Surveillance Camera Mapping Game for Mobile Devices —Tiago Chagas Soares, Universidade de Sao Paulo; Rafael Evangelista, Unicamp - University of Campinas

Experimenting Sociotechnical Resilience —Safikar Amir, Nanyang Technological University; Fredy Tantri, Nanyang Technological University; Jastyna Katarzyna Tasic, Nanyang Technological University

How do we recognise soil organisms? —Anne O’Brien, Australian Catholic University

Human/ Plant Borderland Jamming —Emily Crawford, Composting Feminism

ImagInAging - Plausible Futures of Healthy Aging in an Urban Setting —Clarissa Ai Ling Lee, Emmanuel Tsekeles, Lau Sian Lun, Sabir Giga, Hwang Jung Shan, and Yong Min Hooi

Introducing My Laboratory: The Lab-Life Simulator —Hanhyul Jeong, KAIST

Kosmos: An Art-Science Collaboration —Ting Tong Chang, Christina Park Gallery; Andrea Nunez Casal, Goldsmiths, University of London; Niki Vermeulen, University of Edinburgh

Learning to work with Scientists: an Indigenous Australian perspective from remote northern Australia —Otto Balmaniya Campion, Arafrara Swamp Rangers Aboriginal Corporation

Life of Things Project: Piloting interdisciplinary co-creation of knowledge and care —Alexandra Endaltseva, L’École des hautes études en sciences sociales / Linköping University

Making & Doing 2018

Making and Doing Karrabing Filmmaking and the Aesthetic of Survivance —Elizabeth Povinelli, Colombia University

Meaning from Monitoring —Gwen Ottinger, Drexel University

Nuclear Deferral —N.A.J. Taylor, The University of Melbourne

Open and Collaborative Science in Development Network: Managing and Synthesizing Diverse Open Science Projects —Angela Crandall Okune, University of California, Irvine; Becky Hillver, OCSDNet; Denise Albornoz, OCSDNet; Alejandro Posada, OCSDNet; Leslie Chan, University of Toronto - Scarborough and OCSDNet

Performing Knowledge Traditions In Accordance With The Transnational Stems and Branches Calendrical Clock (Southern and Northern Hemispheres) —Rey Calingo Tiqiu, University of Melbourne

Playful Systems —Alexander Holland, University of Melbourne


Remote Knowledge and Engagement —Julian Rutten, The University of Swinburne

Science (Is Not) Fair: Interrogating Queerness and Biomedicine through Art, Event, and Critique —Stephen Mouldrem, The University of Michigan; David Nasca, Artist; Kate O’Connor, University Of Michigan, Ann Arbor

SCOT, The Board Game. Taking It To The Next Level —Sally Wyatt, Department of Technology and Society Studies, Faculty of Arts and Social Sciences, Maastricht Univer; Alexandra Supper, Maastricht University

SCRaMBLing Human-Yeast Relations: A Methodological Experiment as ArtiSTS —Tarsh Bates, The University of Western Australia; Erika Amethyst Szymanski, University of Edinburgh; Devon Ward, Symbiotica, University of Western Australia

Step Right Up! Performing participatory practice. —Alice Wendy Russell, Australian National University

Technology In A Shared Home —Laura Parraga Gonzalez, n/a

The stories we tell: growing up in high-tech medicine —Nadine Tanio, UCLA, Graduate School of Education and Information Studies

Tiger Penis Project —Kuang-Yi Ku, MA Social Design, Design Academy Eindhoven, Netherlands

Transforming the standard blackbox of time —Barbara Bok, Swinburne University of Technology

Ways of Seeing —Venkat Srinivasan, Archivist
Where Are The End-Ups? Investigating Ethical And Epistemic Implications Of Design —Sankalp Bhatnagar, The New School

003. STS Across Regions: Honoring Diverse Scholarly Traditions
Special Event
3:30 to 5:00 pm
ICC: Cockle Bay Room

004. Welcome to Country and Presidential Plenary
Plenary Session
5:15 to 6:45 pm
ICC: Cockle Bay Room
Participant:
Presidential Plenary address Kim Fortun, University of California Irvine

005. Welcome Reception
Reception
7:00 to 8:00 pm
ICC: Cockle Bay Room
Featuring DJ Alex Lippman

THURSDAY, AUGUST, 30

006. The Invisible Aspects of Infrastructure, Knowledge, Research & Education
Papers for Open Panels/The invisible aspects of infrastructure
Open Panel
9:00 to 10:30 am
ICC: C2.1
Participants:
Openness and its Discontents: Tensions and Challenges in the Adoption of Open Education Architectures in Brazil Tiago Chagas Soares, Universidade de Sao Paulo

Open Textbooks As Infrastructure Natascha Chtena

Prototypes for Openness: Platforming Non-Commercial Open Science Infrastructures Kyle Harp, University of California, Riverside

The Other Computing Counterculture: Community Memory's Public Computing Terminals Joseph Richard DeLeon, University of Michigan

Upturning Infrastructure: Obfuscation, Invisibility, and the Material Contours of Knowledge Infrastructures Robert Montoya, University of California, Los Angeles; Gregory Leazer, UCLA

The Room Where It Happens: The Hidden “Business” of Infrastructure in Social Science Data Archives Kalpana Shankar, School of Information and Library Studies, University College Dublin; Rachel Williams, Simmons College; Kristin Eschenfelder, University Of Wisconsin-Madison

Chair: Tim Jordan, University of Sussex

Discussant: Sally Wyatt, Department of Technology and Society Studies, Faculty of Arts and Social Sciences, Maastricht Univer

007. Research Infrastructures, Digital Tools and New Directions in STS Research
Papers for Open Panels/Research Infrastructures, Digital Tools and New Directions in STS Research
Open Panel
9:00 to 10:30 am
ICC: C2.2
Participants:
Advancing STS Data Sharing Infrastructure with the Research Data Alliance Lindsay Poirier, Rensselaer Polytechnic Institute

Building a Community History of Biotech in the Bay Area Joseph Klett, Science History Institute

Data, Design and Democracy: Embedding the Ethics of Algorithms into Data Science Curriculum Theresa Dirndorfer Anderson, University of Technology Sydney

How could research infrastructures better support transdisciplinary research Yuanying Gao, National Academy of Innovation Strategy, China Association for Science and Technology, Beijing, Chin; Lili Qiao, National Academy of Innovation Strategy, China Association for Science and Technology, Beijing, Chin

Ways Of Seeing Memory, Database And The Narrative. Venkat Srinivasan, Archivist; Dinesh T B, Servelots Infotech Pvt Ltd; Bhanu Prakash, Servelots Infotech Pvt Ltd; Shalini A, Servelots Infotech Pvt Ltd

When the data could not speak for itself: information omission in bibliometric-based evaluation Weishu Liu, Zhejiang University of Finance and Economics; Guangyuan Hu, Shanghai University of Finance and Economics; Li Yang, Fudan University

008. Us and Them: Sociotechnologies of Alterity/Otherness
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: C2.3
Participants:
Alterity and Temporality Karen Barad, University Of California At Santa Cruz

‘Us’ as ‘Us and Them Here and Now’: Language as Sociotechnology in Parliaments Michael Christie, Northern Institute, Charles Darwin University; Helen Verran, Charles Darwin University, Casurina, NT

Processing Alterity, Enacting Polities Annalisa Pelizza, University of Twente

Hacking Digital Universalism: Ritual, Memory and Enacting Technocultural Futures in the Andes Anita Chan, U. of Illinois, Urbana-Champaign, ICR

Apparatuses of Recognition Lucy Suchman, Lancaster University

009. STS Africa Session 1
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: C2.4
Participants:
Concurrent Mobile telephone concepts and web information infrastructure and digital tools by illiterate Yoruba peoples in Benin Republic: production of knowledge for communication and learning Aimé Dafon Segla, Université d’Abomey-Calavi

The visual culture of Nigeria's politics of infrastructure George
010. Environmental Visualizations: Connecting Images, Knowledge, and Politics
Papers for Open Panels/Environmental Visualizations: Connecting Images, Knowledge, and Politics
Open Panel
9:00 to 10:30 am
ICC: C2.5
Participants:
Corporate environmentalism and the making and visualization of environmental knowledge
Louise Karlskov Skyggebjerg, Technical University of Denmark: History of Technology Division DTU
Envisioning Polluters and Constructing Legitimacy
Anthony Levenda, University of Calgary
Public deliberation on water: The case of Uruguay
Marila Lácaro; Isabel Bortagaray, Universidad de la Republica
Geospatial Data, Citizen Science and Social Participation
Sarita Albargi, IBICT Brazilian Institute of Information in Science and Technology; Allan Iwama, Post-Graduate Program in Information Science/IBICT-UFRJ; Henrique Parra, Unifesp
- Federal University of Sao Paulo; Hesley Py, Post-Graduate Program in Information Science/IBICT-UFRJ
The Periphery on the Map? USA’s Air pollution Mapping and Analysis Program in South Korea
Shark Tracking, Movement Ecology and Aesthetics: A Screen Studies Approach
Belinda Smaill, Monash University

011. How Does Mobility Change Researchers, Research Groups And Scientific Communities?
Papers for Open Panels/How does mobility change researchers, research groups and scientific communities?
Open Panel
9:00 to 10:30 am
ICC: C2.6
Participants:
Scientific Mobility and Research Careers
Richard Woolley, Ingenio (CSIC-UPV) Universitat Politècnica de València; Carmen Corona, INGENIO (CSIC-UPV)
Short-term transnational mobility, gender and research careers in East Asia: The case of women in computer science
Ravish Bal, Concordia University, Montreal, Canada; Matthew Harsh, Concordia University; G. Pascal Zachary, Arizona State University
Reverse flows in long-term transnational mobility, gender and research careers
Toluwalogo Odumosu, University of Virginia
A Study on Current Situation and Influence Factors of Transnational Migration of Scientific Researchers in China
Jianzhong Zhou, Institutes of Science and Development, Chinese Academy of Sciences

Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: E3.1
Participants:
Reversing infertility: The political economy of family building through uterine transplantation
Sayani Mitra, Institute of Medical Ethics and History of Medicine
Frozen eggs, Frozen dreams: How oocyte cryopreservation in urban India alter women’s approach to family formation
Priya Satalkar, Institute for Biomedical Ethics, University of Basel, Switzerland
The invisible surrogate: Regulatory mechanisms and the erasure of the (re)productive presence of commercial surrogates
Rakhi Ghoshal, Auro University Surat, India; Bronwyn Parry, King’s College London
Transnational surrogacy in the post-Soviet sphere: Geographic and geo-political stratifications amongst migrant and commuting surrogacy workers in Russia
Christina Weis, Centre for Reproduction Research; De Montfort University, Leicester, UK.

013. Ethics of Science and Technology: A Transnational and Interdisciplinary Investigation
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: E3.10
Participants:
Urbanization and the Wilderness
Tetsuya Kono, Rikkyo University
Technology and Collective Tacit Knowledge
Kiyotaka Naoe, Tohoku University
A Framework for 21st Century Engineering Ethics Education
Balamuralithara Balakrishnan, Universiti Pendidikan Sultan Idris
The Japanese Manufacturing or “Monozukuri” --- How Can or Should We Globalize the Concept in the Globalized World?
Fumihiko Tochinai, Malaysia-Japan International Institute of Technology; Kazanawa Institute of Technology
Hopes and Challenges of Transnational Neuroethics
Maxence Gaillard, Rikkyo University
Discussant:
014. Neurosocieties: interdisciplinary explorations of the brain, culture and ethics 1
Papers for Open Panels/Neurosocieties: Interdisciplinary Explorations of the Brain, Culture and Ethics
Open Panel
9:00 to 10:30 am
ICC: E3.2
Participants:
- Brain-based parenting: caring for our kids’ cortisol? Celia Roberts, Lancaster
- Influence of Brain-based Explanations in the Subjective Experience of Anxiety and Depression Andrea Clara Bielli, Universidad de la República; María Pilar Bacci, Universidad de la República; Gabriela Lilian Bruno, Universidad de la República; Lauren Pedrebon, Universidad de la República
- Neuroscience At Work: Neurobiology, Trauma and Feminist Work Against Sexual Violence Suzanne Therese Egan, University of Sydney
- Nurturing a Social Brain: Internet Discourse and Mothering Standards for Autistic Children Hawon Chang, Seoul National University
- Selective Neurologisation: Examining The Relationship Between Addiction Treatment Providers’ Use Of Neuroscience And Client Subjectivity Anthony Barnett, Monash University; Martyn Pickersgill, University of Edinburgh; Adrian Carter, Monash University

Chairs:
- John Grant Gardner, Monash University, Australia
- Cynthia Forlini, University of Sydney

015. Constituting the health research participant: value, assetization and data practices in health research
Papers for Open Panels/Constituting the health research participant: value, assetization and data practices in health research
Open Panel
9:00 to 10:30 am
ICC: E3.3
Participants:
- Empowering or Exploiting Donors? Australian Stakeholders’ Perspectives on the Ethical and Regulatory Challenges Associated with Biobanking Miriam Wiersma, Sydney Health Ethics; Ian Kerridge, Sydney Health Ethics; Lisa Dive, Sydney Health Ethics; Edwina Light, Sydney Health Ethics, University of Sydney; Wendy Lipworth, Sydney Health Ethics, University of Sydney
- Participation and the “Good” Citizen: Using Routine Health Data for Research in National Health Service England David Wyatt, King’s College London; Christopher McKevitt, King’s College London
- Pooling Private Data: Community, Norms, and Governance Chih-Ising Ho, Academia Sinica
- Speculative Biodata, Materializing Value Mary Ebeling, Drexel University
- The Ethics of Biomedical Research in Low Earth Orbit: The “Twins Study” on the International Space Station Paola Castano, Cardiff University

016. Political transformations of Developmental Origins of Health and Disease (DOHaD) and epigenetics in the Global South 1
Papers for Open Panels/Political transformations of Developmental Origins of Health and Disease (DOHaD) and epigenetics in the Global South
Open Panel
9:00 to 10:30 am
ICC: E3.4
Participants:
- Eating Ariel Cake: DOHaD and other Matter/Space/Time Sensibilities in South Africa Catherina Suzanne Truysts, Sol Plaatje University
- Epigenetic Discrimination: Should We Be Concerned About The Use Of Epigenetic Information By Third Parties? Charles Dupras, McGill University
- Epigenetic Maternal-Foetal Programming: Correlating Maternal Impression Discourses With Epigenetic Discourses To Address Mother-Blaming Attitudes Clare Nicholson, UNSW
- Epigenetics, gender and population futures: reading ‘the first thousand days’ from South Africa Michelle Pentecost, Kings College London; Fiona Ross, University of Cape Town
- Indigenous epigenetics and ‘postcolonial moments’ Megan Warin, University of Adelaide
- Local knowledge of DOHaD in New Zealand Tatjana Buklijas, Liggins Institute, University of Auckland; Helen Johanna Ker, University of Auckland

Chairs:
- Megan Warin, University of Adelaide
- Michelle Pentecost, Kings College London

017. Big health data and algorithmic authority
Papers for Open Panels/Critical Digital Health Studies
Open Panel
9:00 to 10:30 am
ICC: E3.5
Participants:
- Algorithmic authority in the making: When the physiotherapist goes digital Nete Schwennesen, Copenhagen University
- Digital Epidemiology, New Data and Old Models Lukas Engelmann, University of Edinburgh
- Health Must Be Defended Algorithmically Tsung-wen Chen, National Chengchi University
- Is big data reworking public health’s “Prison of the Proximate”? Niamh Stephenson, UNSW
- The Social Worlds of Oncology Research in an Era of Big Data and Global Collaboration John Monberg, Michigan State University
- “You Must Click the Button and Donate”: Online Crowdsourcing to Fund Unproven Stem Cell Treatments Claire Tanner, The University of Melbourne; Megan Munsie, The University of Melbourne

Chair:
- Deborah Lupton, University of Canberra
018. How do they understand the science? Communicating science, risks, and disasters
Papers for Open Panels/How do they understand the science?
Open Panel
9:00 to 10:30 am
ICC: E3.6
Participants:
- Climate Change Risk Perception in Southeast Asian Countries
  Midori Aoyagi, National Institute for Environmental Studies;
  Vu Quoc Huy, Institute of regional sustainable development,
  Vietnamese Academy of Social Sciences
- Communicating Uncertainty in Medical Genetics
  Colin Halverson, Vanderbilt
"Disaster Fatigue" and Resisting Risk Communication on the American Riviera: Why Did People Stay?
Barbara Herr Hartthorn, UC Santa Barbara; Terre Satterfield, University of British Columbia
How Laymen Perceive Outbreaks of (Re-)Emerging Infectious Diseases: the Case of Poland
Lucas Afetowicz, Institute of Sociology, Nicolaus Copernicus University, Toruń, Poland;
Michał Wróblewski, Nicolaus Copernicus University in Toruń, Poland
Knowledge and the Scientific Imagination: Does Experience Always Become Memory?
Maria Inez Angela Zamora Ponce de Leon, Ateneo de Manila University

Chair:
Maria Inez Angela Zamora Ponce de Leon, Ateneo de Manila University

019. National Identities and Transnational Science and Technology during the 20th century: Historical Perspectives
Papers for Open Panels/National Identities and Nationalism in Transnational Science and Technology during the 20th century
Open Panel
9:00 to 10:30 am
ICC: E3.9
Participants:
- Producing 'the Company': Cultural Politics and the Crisis of Brazil's Embrapa
  Ryan Nehring, Cornell University
- Socialism and Mathematical Practices: The Double Method of Hua Luogeng (1960-1985)
  Bo An, Yale University
- Made in Korea, but not for Koreans? Transnational Automobiles and Nation-Building in South Korea
  Sungun Ko, Korea Advanced Institute of Science and Technology (KAIST)
- Identifying Essential Properties of Today's Science and Technology via Historical Perspectives
  Yasushi Sato, Niigata University
- Transnational Agricultural Research in India, 1947-1965
  VINOD KUMAR SINGH, CENTRAL UNIVERSITY OF GUJARAT
- National Biobank and Nation-building: The Case of Taiwan
  Yu-yueh Tsai, Institute of Sociology, Academia Sinica; WanJu Lee, Institute of Sociology, Academia Sinica

Chair:
Barbara Silva, Universidad Catolica de Chile
Discussant:
William San Martin, Massachusetts Institute of Technology (MIT)

020. Risks and Standards in the Knowledge Circulation of Science and Technology for Development
Papers for Open Panels/Risks, Standards, and Knowledge Circulation in Nuclear and Radiation Science and Technology for Development
Open Panel
9:00 to 10:30 am
ICC: E5.1
Participants:
- Calculation Automates the Decision: Contested Imaginaries of Real-time Radiological Simulation and Probabilistic Risk Assessment for Nuclear Emergency
  Kohta Juraku, Tokyo Denki University; Shin-etsu SUGAWARA, Central Research Institute of Electric Power Industry
- Managing Protection: The Role of Health Physics in Shaping Radiation Risk Paradigms
  Shi Lin LIN Loh, National University of Singapore
- PX project’s Development in China: Recommendations for public involvement in decision-making
  Kentaro Sakai, Japan Nuclear Cycle Research Institute
- The Public’s Right to Know: Communicating the Science of Radiation Risks and Standards in Malaysia
  Clarissa Ai Ling Lee, Sunway University
- When the lessons of an accident are known 40 years before it happens
  Mathias Roger, IRSN

021. Towards a robotocene?
Papers for Open Panels/Automation and the transition to the Robotocene
Open Panel
9:00 to 10:30 am
ICC: E5.10
Participants:
- Automating the Braille Embossing Machines of the Benjamin Franklin Institute of Electric Power Industry
  Mathias Roger, IRSN
- On the Triple Construction of Robots, Human and Society in the Robotocene
  Dazhou Wang, School of Humanities and Social Sciences, University of Academia Sinica
- Algorithmic Care in the Robotocene: a Case Study from Japan
  Daria Savchenko, Harvard University
- Reprogramming the Future in China: Robot Revolution
  Andrew Glover, RMIT University
- Future Bodies: Telepresence Robots and Remote Collaboration
  Adrian James Wright, University of Hong Kong
- Automating the Braille Embossing Machines of the Benjamin Franklin Institute
  Marcos Fialho Carvalho, UFRJ - HCTE; Marcia Cristina Andrade Soeiro, UFRJ / NCE; Jose Antonio Santos Borges, HCTE-UFRJ / NCE-UFRJ
- Eduardo Nazareth Paiva, Universidade Federal do Rio de Janeiro

022. Politics, Numbers, and the Politics of Numbers
Papers for Open Panels/Politics, Numbers, and the Politics of Numbers
Open Panel
9:00 to 10:30 am
ICC: E5.2
Participants:

Big Data, Big World: Knowledge Development in a Time of Transition Hamish Robertson, University of Technology Sydney; Joanne Travaglia, University of Technology Sydney; Nick Nicholas, University of Technology Sydney

From Analog to Digital: Numbers that Ignite Cyberactivism Mei-chun Lee, Department of Anthropology, UC Davis

Numbers, Experts and Children: How Economical Expertise Shapes the Future of Belgian Social Policies Isalynne Stassart, Université de Liège / Institut Wallon de l’évaluation, de la prospective et de la statistique

Producing solidarity: interrogating migration indicators in the EU Fredy Mora-Gámez, Linkoping University

Quantifying Illegality: The Politics of Numbers and the War on Drugs in Colombia Javier Guerro, Instituto Tecnológico Metropolitano de Medellín

023. Flammable futures: encountering combustion in a changing climate

Papers for Open Panels/Flammable futures: encountering combustion in a changing climate

Open Panel

9:00 to 10:30 am

ICC: E5.3

Participants:

Fire as Companion Species: Speculative Futures in Fire Ecologies and More-Than-Human Relationalities in a Changing Climate Aadita Chaudhury

Right Fire, Wrong Fire. Burning together with Country, evolving our culture with fire. Den Barber, Koori Country Firesticks Aboriginal Corporation; Lauren Tynan, University of New South Wales; Michelle Bishop, University of New South Wales; Jeremy Walker, University of Technology Sydney

Letting it Burn: Contesting ‘Value’ and Expertise in the Canadian Boreal Forest Alex Zahara

Making Live on Landscapes That Die: Prescribed fires in Canadian national parks Colin Robert Sutherland, York University, Canada

Chair: Lauren Rickards, RMIT University

024. Beyond boundary objects and immutable mobiles - new ways of thinking about the movement of knowledge I: Co-Production of Knowledge

Papers for Open Panels/Beyond boundary objects and immutable mobiles: new ways of thinking about the movement of knowledge

Open Panel

9:00 to 10:30 am

ICC: E5.4

Participants:

Opening the Black Box of Interdisciplinary Collaboration: Cognitive Maps of Knowledge Sharing in Research Teams Lianghao Dai, Herr

Maps as Method in Transnational STS Robert Soden, University of Colorado Boulder; Margaret Jack; Austin Lord, Cornell

Learning By Transacting: Making, Learning And Sharing Knowledge In The ‘Cities Of The Future’ Laboratory Lina Ingemarsson

Moving Sustainability: Auditing Practices as Embodied Infrastructures Derly Yohanna Sanchez Vargas, Lancaster University

Generating Knowledge and Pressuring for Change in the Ecuadorian Mining Sector Cristina Espinosa, University of Freiburg

Stanley Milgram and the Sonic Imaginary Trevor John Pinch, Cornell University

025. STS Underground: Fieldnotes from the Pre-conference workshop

Papers for Open Panels/STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction

Open Panel

9:00 to 10:30 am

ICC: E5.5

Participants:

Going Deep: Emerging Methods for Studying the Underground in STS Abby Kinchy, Rensselaer Polytechnic Institute

How and Why Cave Explorers Blast and Dig Underground Passages: A Comparative Perspective Across the USA Maria Alejandro Perez, West Virginia University

Machinery, memories, matter: The techno-geological worlds of small-scale miners in Bolivia Andrea Marston, University of California, Berkeley

New Energy Spaces: Energy From Magma And The KrafTa Magma Testbed Alexandra Gormally, Lancaster University, UK

What does extraction mean for the urban form? Vanessa Lamb, School of Geography, University of Melbourne; Eli Asher Elinoff, Victoria University of Wellington

Chair: Matthew Kearnes, Environmental Humanities Programme, School of Humanities and Languages, University of New South Wales

026. STS Across Borders Special Session: Part 1

Special Event

9:00 to 10:30 am

ICC: E5.6

Participants:

Australian STS Genealogies — Nicola J Marks, University of Wollongong; Joan Leach, Australian National University; David Mercer, University of Wollongong

Caminata para la Ciencia — Alberto Eduardo Morales, University of California Irvine

Contesting medicalization of ageing? The use of anti-ageing medicine as a means of resisting medical control — Maho Omori, National Ageing Research Institute


Everyday STS: The Rensselaer STS Spice Rack — Nancy D. Campbell, Rensselaer Polytechnic Institute; Hined A Rafeh, Rensselaer Polytechnic Institute

From Activism to Academia: STS in Turkey — Kim Heewon, Korea Advanced Institute of Science and Technology (KAIST)


Intellectual and Institutional Trajectory of STS in Turkey: Archives, Universities, and Collective Culture — Duygu Kasdogan, İzmir Katip Çelebi Üniversitesi
027. COMPOSTING Feminisms and Environmental Humanities 1: Decolonising Nature Cultures

Papers for Open Panels/Composting Feminisms & Environmental Humanities
Open Panel 9:00 to 10:30 am
ICC: E5.7

Participants:
- Can untangling globalised plant stories help us to compost and compose decolonisation? Emily Crawford, Composting Feminism
- Valetudo: a cultural anti-venom approach Nnacy Mauro-Flude, Department Communications and New Media National University of Singapore
- Ecological perceptions: new growth from the soil of environmental knowledges in Oceania Rachel Morgain, Fenner School of Environment and Society, Australian National University
- A ‘wonderful council of being’: the metabolic relations of farming and the decompositions of multispecies gastronomy Kelly Donati, William Angliss Institute
- Placenta To Go: Transcultural Birth Practices and Embodied Ecologies Kara E Miller, Chapman University

Chair: Alok Khandekar, Indian Institute of Technology Hyderabad
Discussant: Jennifer Mae Hamilton, University of New England

028. Science, Technology, and the Regulation of Food and Agriculture #1

Papers for Open Panels/Science, Technology, and the Regulation of Food and Agriculture
Open Panel 9:00 to 10:30 am
ICC: E5.8

Participants:
- Making Legal Space for Food: Science, Safety and Regulation Through Food Sovereignty Ordinances Amy Trauger, University of Georgia
- Reimagining the Natural in the American Food Industry Ai Hisano, Kyoto University
- The Sense in Consensus: Sensory Platforms for Horizontal Decision-making and Leadership in Radically Democratic Environments James Debowski, College of Arts and Social Sciences, Australian National University
- Regulatory Responses to New Plant Breeding Techniques Karinne Ludlow, Faculty of Law, Monash University
- Conceptions of “Technology Supply” and their impact in the development of Territorial Innovation Systems OSCAR A. FORERO, Corpsoica-Colombia; SOAS-UK; Corina Buendia, CORPOICA; Eliana Martinez, CORPOICA

Discussant: Andrew Ventimiglia, The University Of Queensland

029. Revisiting Feminist Technoscience: Exploring Disciplinary Diversity and Translocal Issues in/of Gender in/of Academia

Papers for Open Panels/Revisiting Feminist Technoscience: Exploring Disciplinary Diversity and Translocal Issues in/of Gender in/of Academia
Open Panel 9:00 to 10:30 am
ICC: E5.9

Participants:
- Catalyst actors and sub politics enacted in gender balance reforms in/of academic institutions Vivian Anette Lagesen, NTNU; Siri Øyslebo Sørensen, Norwegian University of Science & Technology (NTNU)
- Moving from tool to trouble Palashi Vaghela, Cornell University
- Peer Review. A Gender-Neutral Measure to Transparent Quality in Science? Felizitas Sagebiel, University of Wuppertal
- Questioning the Scale of 1970s Ecological Houses: Constructing “Small-Scale”, Gendered Technologies Out of Global Relationships Emma Schroeder, University of Maine
- “The imagined woman technoscientist”: reflections on feminist technoscience studies Knut H Sørensen, NTNU, Dept. Of Interdisciplinary Studies Of Culture; Sharon Traweek, UCLA
030. The Invisible Aspects of Infrastructure 2: Privacy, Security, Surveillance

Papers for Open Panels/The invisible aspects of infrastructure
Open Panel
11:00 to 12:30 pm
ICC: C2.1

Participants:
Blockchain Technology: The New Emerging Infrastructure and New Ways of Commodification Horacio Correa-Lucero, IESAC-Universidad Nacional de Quilmes; Julio Edgardo González, National University of Quilmes
Demonstrating Cyber Security: Making Invisible Breaches Visible Jessamy Perriam, Open University, UK
The Visibility of Anonymous Infrastructures: An Analysis of the Tor Network. Cristiana de Oliveira Gonzalez, State University of Campinas
Probing the Political-Economic and Social Dimensions of Present Information Technology Development in Mainland China Michael Unger Kowen, UC Berkeley Department of Sociology

Chair: 
Sally Wyatt, Department of Technology and Society Studies, Faculty of Arts and Social Sciences, Maastricht Univer

Discussant: 
Tim Jordan, University of Sussex

031. Infrastructure, worlding and knowledge 1

Single Paper Submission
Open Panel
11:00 to 12:30 pm
ICC: C2.2

Participants:
Trans-scale & Transnational Study Of Gas Lighting : From Autonomous Units To Network Infrastructures, From The City To The Domestic Space, Governance, Resistance, France, Spain BENJAMIN BOTHERAU, EHESS CAK Centre Alexandre Koyré
Constructing common knowledge: Intervening to effect social change in craft livelihoods in India annapurna mamidipudi, Max Planck Institute for the History of Science
The Role of Imaginaries in the Installation of a Sanitation System in Santiago de Chile (ca. 1860-1930) Miguel Muñoz, Instituto de Estudios Avanzados - Usach
Performing the Swarm: wading through homeland security regimes in the context of Hurricane Harvey Natalie Danielle Baker, Sam Houston State University; Magdalena Denham, Sam Houston State University
The Ontology of the City: narratives of powers, discrimination and communities through visual investigations of public spaces. Mirko Guaralda, Queensland University of Technology
Coal mining industry in the process of Chinese industrialization (1840 - 1949) Bocong Li, University of Chinese Academy of Sciences; Peiqiong Wang, University of Chinese Academy of Sciences

Chair: 
BENJAMIN BOTHERAU, EHESS CAK Centre Alexandre Koyré

032. Unsettling STS 1

Papers for Open Panels/Unsettling STS: Scaling up critical indigenous analytics
Open Panel
11:00 to 12:30 pm
ICC: C2.3

Participants:
Agencies of Weather in Promulgating and Defying Colonialism Sarah Wright, The University of Newcastle
Beyond Settler Genomes: Temporality, Genomic Indigeneity, and (De)Colonization Jennifer Hamilton, Hampshire College
Burning the Capital Jessica Weir, Western Sydney University
Guaral and Leishmaniasis: Violent Encounters between Indigenous Medicine and Biomedicine in Conflict-Ridden Colombia Lina Beatriz Pinto Garcia, York University
Indincasting the Settler State Jessica Cattelino, University of California, Los Angeles (UCLA)

Chair: 
Tom Ozden-Schilling, Johns Hopkins University

033. STS Africa Session 2

Closed Panels
Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: C2.4

Participants:
“Do not use herbs!”: Plants and Pills in Maternal Health Care in Ghana Abena Osseo-Asare, University of Texas at Austin
Time and the use of bio contraceptive technologies among young women in South Africa Nolwazi Mkwanazi, University of the Witwatersrand
Traditional Birth Attendants and the State: the mediating effect of Evidence Informed Policy Making (EIPM) on maternal health policy in Uganda Emmanuel Benon Turinawe, Makerere University, College of Humanities and Social Sciences
Technology and the teaching hospital: objects, concepts and curricula in Ghanaian medical education, c. 1923-2018 John Nott, Maastricht University

Discussant: 
Anne Pollock, Georgia Tech

034. Environmental Visualizations: Connecting Images, Knowledge, and Politics II

Papers for Open Panels/Environmental Visualizations: Connecting Images, Knowledge, and Politics
Open Panel
11:00 to 12:30 pm
ICC: C2.5

Participants:
Translating the unknown: meaning-making potentials of climate change visualisations Eugenia Lee, University of Sydney
Visualizations of the Ozone Hole and Global Climate Change --
Towards Stabilization? Stephen Zehr, Univ. Southern Indiana
Visualizing and Creating Chemosocialities in Cancer Graphic Narratives Juliet McMullin, University of California, Riverside
Visual Representations of Human Biomonitoring and the Pollution in People Rachel Washburn, Loyola Marymount University
Discussant: Alastair Iles, UC Berkeley
035. How does mobility change researchers, research groups and scientific communities? (II)
Papers for Open Panels/How does mobility change researchers, research groups and scientific communities?
Open Panel
11:00 to 12:30 pm
ICC: C2.6
Participants:
Women belong in the home (country): examining gender differences in the scientific mobility Cassidy Sugimoto, Indiana University Bloomington
Barriers to scientific talent mobility in peripheral science systems: the case of Central and Eastern European Countries Ljudvika Leisyte, TU Dortmund, Center for Higher Education (zjh)
Socio-cultural Contexts in International Research Collaboration Roli Varma, University Of New Mexico; Meghna Sabharwal
Social Mobility and Career Success: Evidence from Chinese Scientists Feng Li, Hohai University
 academic Mobility, Transnational Capital and Career Advancement: Evidence from China’s Changjiang Scholar Program? Li Tang, Fudan University; Feng Li, Hohai University
Chair: Richard Woolley, Ingenio (CSIC-UPV) Universitat Politècnica de València
Discussant: Marie Sautier, University of Lausanne
036. Reproductive Governance in East Asia
Closed Panels
Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: E3.1
Participants:
Winning the “Second Chance”: Prenatal Genetic Testing, Personal Choices and National Future Jianfeng Zhu, Fudan University, China
Yousheng Policies and Technologies: Population Quality Control in Contemporary Urban China Dong Dong, Hong Kong Baptist University
When Population Policy Meets ART Jung-Ok Ha, Seoul National University
Considering the Impact of Socio-Cultural Factors on the Regulation of ART regarding Egg Donation in East Asia Azumi Tsuge, Meiji Gakuin University; Hyunsoo Hong, Department of Public Policy, Human Genome Center, The Institute of Medical Science, The University of Tokyo. Minori KOKADO, Osaka University, Japan
First Test-Tube Babies as Technopolitical Tuners Chia-Ling Wu, National Taiwan University

037. Reflexive Engagements in Climate Engineering
Papers for Open Panels/Reflexive engagements in climate engineering
Open Panel
11:00 to 12:30 pm
ICC: E3.10
Participants:
Better By Design? Peter Healey, InSIS, Oxford University
Climate Geoengineering Governance Steve Rayner, University Of Oxford
Discourses of Development in Efforts to Mainstream Geoengineering into Global Climate Policy Jeremy Baskin, The University of Melbourne
Engaging the Teaching Place with the Anthropocene: A Case for STS Education Through ‘Simul-Action’ Isabelle Juliette Giraudou, The University of Tokyo
Scientific Advising in Boundary Organization: Epistemic Matter in the Mission Policy of the IPCC Hiroyuki Kano, Osaka University
The influential but diverse epistemic community of climate engineering research and policy Nils Matzner, Institute for Science, Technology and Society Studies (STS), AAU Klagenfurt

038. Neurosocieties: interdisciplinary explorations of the brain, culture and ethics 2
Papers for Open Panels/Neurosocieties: Interdisciplinary Explorations of the Brain, Culture and Ethics
Open Panel
11:00 to 12:30 pm
ICC: E3.2
Participants:
Neurasthenia Reincarnated: Examining the Rise of Autonomic Nerve Dysregulation in Contemporary Taiwan Jia-shin Chen, Institute of Science, Technology and Society, National Yang-Ming University
Practicing the Plastic Brain: valuing popular neuroscience in society Ties van de Werff, Maastricht University
Schizophrenia, Neuropsychopharmaceutical Cultures and Patient Potentialities Julia Brown, Monash University, Australia
Shifting boundaries: from sensory integration dysfunction to digital medicine Wen-Ching Sung, University of Toronto
The human in the brain: opportunities and challenges in neuroscience’s expanding scope Samantha Croy, University of Melbourne
Virtual Addiction: Is Internet Gaming Addiction Fact or Fantasy? Gemma Lucy Smart, University of Sydney
Chairs:
John Grant Gardner, Monash University, Australia
Cynthia Fortini, University of Sydney

039. Collating Publics In Collections Of Human Biological Material And Data 1
Papers for Open Panels/Collating publics in collections of human biological material and data
Open Panel
11:00 to 12:30 pm
ICC: E3.3
Participants:
Imagined Publics In Medical Research Collections: Tracing Circulations And The Making Of Public Value(s) Erik Aarden, University of Vienna

Seeing Like an Algorithm: A Comparative Approach to Surveillance via Facial Recognition and DNA Phenotyping in a Transnational Context Renata Barreto, Berkeley Law

Infrastructuring data-publics: Implications of design and governance of transnational biometric database systems Nina Amelung, University of Minho

Evidentiary Status of DNA Testing for Family Relatedness in Danish Family Migration Politics Linda Lund Pedersen, London School Of Economics & Political Science

Sorting Apart: Sampling Practices and Shaping Publics in DNA Studies of “Roma” Veronika Lipphardt, University College Freiburg, Albert-Ludwigs-Universität Freiburg; Mihai Surdu, Albert-Ludwigs-Universität Freiburg, University College Freiburg

Exploring a Global Imaginary of Biobanking Edwina Light, Sydney Health Ethics, University of Sydney; Lisa Dive, Sydney Health Ethics; Miriam Wiersma, Sydney Health Ethics; Ian Kerridge, Sydney Health Ethics; Wendy Lipworth, Sydney Health Ethics, University of Sydney

Chair: Torsten Heinemann, University of Hamburg

040. Political transformations of Developmental Origins of Health and Disease (DOHaD) and epigenetics in the Global South 2

Papers for Open Panels/Political transformations of Developmental Origins of Health and Disease (DOHaD) and epigenetics in the Global South

Open Panel 11:00 to 12:30 pm
ICC: E3.4

Participants:

PLASTICITY, BIOPower AND EMPIRE: An Archaeology Maurizio Meloni

The political load of the mismatch model Flavio D'Abramo, FU-Berlin

Time, trauma, and the brain: some implications of environmental epigenetics research on suicide risk Stephanie Lloyd, Université Laval

Transgenerational Epigenetics and Ancient Practice: Fetal Education in East Asia Chikako Takeshita, University of California, Riverside

Transgenerational transnational epigenetics and the reimagining of gender, race and relations Janelle Lamoreaux, University of Arizona

Chairs: Fiona Ross, University of Cape Town
Maurizio Meloni

041. Digitised medicine and healthcare practices

Papers for Open Panels/Critical Digital Health Studies

Open Panel 11:00 to 12:30 pm
ICC: E3.5

Participants:

Critical Discourses and Deliberations for 3D Printing in Medicine luke heemskerken, Deakin University; Robert David Ewan Fordyce, The University of Melbourne

Diagnosing Digitization: Radiologic Innovations, Field Effects, and Identity Redefinitions Joshua Morris Hurwitz, Columbia University

Frank Kolkman’s OpenSurgery: A Design Case Study In Critical Digital Health Vanessa Claire Bartlett, UNSW Art & Design

Socio-technological imaginaries, assistive robotics and transformation of care Niels Christian Nickelsen, Aarhus University, Department of Education

Talking Over the Robot: A Strained Human-Robot Collaboration in a Dementia-Prevention Class Chi hyung Jeon, KAIST

“All power to imagination!” Virtual Reality therapy in France: a therapeutic innovation between technology and care (2012-2017) Elsa Forner, EHESS (Paris, France)

Chair: Deborah Lupton, University of Canberra

042. How do they understand the science? Communicating science, risks, and disasters 2

Papers for Open Panels/How do they understand the science? Communicating science, risks, and disasters

Open Panel 11:00 to 12:30 pm
ICC: E3.6

Participants:

Repertoires of Knowledge in Risk Communication Paola Villegas, Northwestern University

Science Society and the Role of Communication in Networked Spaces Eduardo Nevarez, University of Minnesota, Twin Cities

Sources of information in times of scientific uncertainty: an exploratory analysis on the Zika virus in Brazil Andre Sica de Campos, Unicamp; Janaina Costa, Unicamp; Rhiannon Kroeger, Louisiana State University; Wesley Shrum, Louisiana State University

Watershed Citizen Science: Toward Democratic Governance? Sharon Moran, SUNY - Environmental Science and Forestry

Chair: Anto Mohsin, Northwestern University in Qatar

043. National Identities and Transnational Science and Technology during the 20th century: Cold War

Papers for Open Panels/National Identities and Nationalism in Transnational Science and Technology during the 20th century

Open Panel 11:00 to 12:30 pm
ICC: E3.9

Participants:

Infrastructure Wars and Media Nationalisms in Neutral Cold War Cambodia (1953-70) Margaret Jack

“The scientist the nation needs:” Early Cold War era characterizations of Turkey and Turkish scientists Mehmet Alper Yalcinkaya, Ohio Wesleyan University

Transnational Science and National Identity Discourses. Cold War Astronomy in Chile in the 1960s. Barbara Silva, Universidad Catolica de Chile

The “Scientific Nationalism” of Brazilian Physicists in the 1940s: Conceptualizing Nationalism and the Transnationality of Science Heracio Tavares, Universidade Federal do Rio de Janeiro
044. Transnational Risk and Information
Papers for Open Panels/Transnational Risk and Information
Open Panel
11:00 to 12:30 pm
ICC: E5.1
Participants:
Actuarial states: Underwriting risk in Paraguay
Caroline Schuster, Australian National University
Information Saturation and Manufactured Risk
Gregory Leazer, UCLA
Rearticulating transnational risk management through REX:
local risk assessment and cross-national lessons pooling
Colin Glesner, Université de Liège
The Passivists: Managing Risk Through Intentional Non-Knowing
Kellie Owens, University of Pennsylvania
Uncontrolled Risk and Paranoia in the Practice of Information
Security
Ashwin Jacob Mathew, University of California, Berkeley

045. Machines and humans: risk, fear and collaboration
Papers for Open Panels/Automation and the transition to the Robotocene
Open Panel
11:00 to 12:30 pm
ICC: E5.10
Participants:
Scientific Colonization of Images of Social Robots in Taiwan
Kuan-Hung Lo, Virginia Tech
Social bots and the ‘fear’ of manipulation: a discussion about human-machine relation
Guilherme Cavalcante Silva, State University of Campinas (Unicamp)
The Making of the ‘AI World Cup’: Attuning to the Ideal Human-Machine Configuration
Kim Heewon, Korea Advanced Institute of Science and Technology (KAIST)
Vulnerability, Risk, and Humanity
Shoji Nagataki, Chukyo University
Human Methods, Nonhuman Knowledge: Understanding the Impact of Human Bias on Relational Interactions.
Loren Dyer, University of Tasmania
Towards a Sociology of Ontological Reflexivity.
Céline Borelle, Orange Labs
Chair:
Adrian James Wright, University of Hong Kong

046. How Do STS Studies Translate Numbers: Economics, Markets Value/Valuation
Papers for Open Panels/How do STS Studies Translate Numbers
Open Panel
11:00 to 12:30 pm
ICC: E5.2
Participants:
Doing the Undoing of Number: The Decimalisation of Currency and STS
Chris Vasantkumar, Macquarie University
Propriety, Conversion and the Localisation of Transactions:
Barbara Silva, Universidad Católica de Chile
Mark Cooper, University of California-Davis

047. Flammable futures: encountering combustion in a changing climate 2
Papers for Open Panels/Flammable futures: encountering combustion in a changing climate
Open Panel
11:00 to 12:30 pm
ICC: E5.3
Participants:
Risk landscapes: a new nature requiring a new expertise
Nicholas B. de Werdenthal, University of Melbourne; Dean Pierides, University of Stirling
Standardizing Firefighters: WFX-FIT, Bona Fide Fitness
Requirements, and Fungibility in Wildfire Management
Eric Kennedy, Consortium for Science, Policy, and Outcomes - Arizona State University
Mountains Of Uncertainty: Politicised Ambiguity, Blame and Philippine Forest Fires
Will Smith, Deakin University
Understanding Agricultural Fires in Northern India
poonam pandey, Maastricht University, Netherlands
Chair:
Lauren Rickards, RMIT University

048. Beyond boundary objects and immutable mobiles - new ways of thinking about the movement of knowledge II: Mediators of Knowledge
Papers for Open Panels/Beyond boundary objects and immutable mobiles: new ways of thinking about the movement of knowledge
Open Panel
11:00 to 12:30 pm
ICC: E5.4
Participants:
Between Standards and Wilderness: Boundary Jumping as Epistemic Practice
Ivana Subotic, Norwegian University of Science and Technology
Ecologies of Expertise: Re-Evaluating Brokering in Knowledge Co-Production
Ronlyn Duncan, Manaaki Whenua Landcare Research
Whenua Landcare Research; Melissa robson, Manaaki Whenua Landcare Research
Sarah Edwards, Lincoln University
Adopting, Adapting and Putting into Practice: Translating Knowledge for Profitability
Hannah Granqvist, Department of Thematic Studies - Technology and Social Change, Linköping University
Making Knowledge Accessible and Palatable: Midwifes of Elicited Knowledge
Iddo Tavory, NYU
Kill Your Darlings: Advertising, Expertise, and Commercially
Authorized Knowledge
William Davis, Charles Darwin University, Casurina, NT
049. STS Underground: Governance, Deliberation and Expertise
Papers for Open Panels/STS Underground: Investigating the
Technoscientific Worlds of Mining and Subterranean Extraction
Open Panel
11:00 to 12:30 pm
ICC: E5.5
Participants:
Conflict and Collaboration in Urban Hydraulic Fracturing: A
Closer Look at Mechanisms behind Effective Collaboration
Frances Marlin, Colorado School of Mines, Civil and
Environmental Engineering Department; Jessica M. Smith,
Colorado School of Mines
Investible Geotopias: Type curves and asset becoming in
western Canada’s Montney oil and gas formation Caura
Wood, Burgess Innovation Group
Learning to love an old enemy: the future of coal when it’s no
longer a fuel. Paul Frederick Brown, University of New
South Wales
Minefields - Making Visible the Territory of Environmental
Politics sam spurr, UNSW; Eduardo Kairuz, Monash
university
On gravel - materialities of development and expertise in
Northern Australia Kirsty Howey, University of Sydney
Time-Scapes of Ignorance: The Case of PFOA Laura Rabinow,
RPI
Chair:
Roopali Phadke, Macalester College
050. COMPOSTING Feminisms and Environmental Humanities
3: Art and Practice
Papers for Open Panels/Composting Feminisms & Environmental
Humanities
Open Panel
11:00 to 12:30 pm
ICC: E5.7
Participants:
When plants design: multispecies entanglements in a
transcultural Sydney neighbourhood Ilaria Vanni Accarigi,
University of Technology Sydney; Alexandra Crosby,
University of Technology Sydney
That new carpet smell: Chemical kin-making Susanne Pratt
And Then There Are Tactical Affective Gestures. Laura
Denning, Bath Spa University
Ecofeminine Cinema for the Anthroposcreen Samantha Lang,
University of Technology, Sydney
Sugar vs the Reef? - Socially Engaged Art and the Composting
of Diverse Knowledges Lucas Ihlein, University of
Wollongong; Kim Williams, University of Wollongong
Studio/Kitchen/Pile: Composting with contemporary art
practices Lindsay Kelley, UNSW Art & Design
Chair:
Undine Sellbach, University of Dundee
051. Science, Technology, and the Regulation of Food and
Agriculture #2
Papers for Open Panels/Science, Technology, and the Regulation
of Food and Agriculture
Open Panel
11:00 to 12:30 pm
ICC: E5.8
Participants:
"Except Musa textilis": Navigating Access to Plants in a Post-
Treaty World. Xan Chacko, University of California, Davis
Combatting Illegal, Unreported and Unregulated Fishing:
National Boundaries and International Trade Sonia Garcia
Garcia, University of Technology Sydney
Regulating the Circulation of Intangibles: End Point Royalties,
Intellectual Property, and Transformations in Food
Production Susannah Chapman, Law School, The University
of Queensland
Science, Biosafety, and Regulation in China Cong Cao,
University of Nottingham Ningbo China
UAV Technology and its Issue of Governance in Indian
Agriculture: A Responsible Innovation Perspective Anjan
Chamua, Centre for Studies in Science Policy, School of
Social Sciences, Jawaharlal Nehru University
Informal Innovation And Actor Network Theory: A Case Of
Value Added Products Of Rice, India Wairokpam Premi
Dedi, Entrepreneurship Development Institute of India
Discussant:
Brad Sherman, University of Queensland
052. Caring across Borders: Materiality and Belonging in
Transnational Families I
Papers for Open Panels/Caring across borders: Materiality and
belonging in transnational families
Open Panel
11:00 to 12:30 pm
ICC: E5.9
Participants:
Digital boundaries: the ethical and political complexities of
subjecting children to electronic and biometric border
control. Jonathan Burrow, University of Oulu
‘He Doesn't Know it’s Facebook: Exploring How Older Karen
Migrants in Victoria Communicate Transnationally Shane
Worrell, La Trobe University
Lives in the Aftermath of Genocide: Reimagining and
Reimagining ‘Ethnically Cleansed’ Villages as ‘Cyber Villages’
Hariz Halilovich, RMIT UNIVERSITY
Medicines from home to mitigate alienation abroad: Explaining
Indian-Australians transnational health-seeking Bianca
Brijnath, National Ageing Research Institute; Josefine
Antoniades, Research Fellow
Mining mobile families: digital media, non-resident work and
family relationships Jolynda Sinanan, University of Sydney
Picturing Care at a Distance: Image for Intergenerational Care
in Indian Transnational Families Tanja Ahlin, University of
Amsterdam - AISSR
053. Asia-Pacific STS Network Business Meeting
Lunchtime Workshop
12:30 to 2:00 pm
ICC: C2.4
Chair:
Richard Hindmarsh, Griffith University
054. Indigenous STS Meet-Up
Lunchtime Workshop
12:30 to 2:00 pm
ICC: C2.5
Chair:
Timothy Neale, Deakin University
**055. Experiments in Infrastructure 1**

Papers for Open Panels/Experiments in Infrastructure

Open Panel

2:00 to 3:30 pm

ICC: C2.1

Participants:

Against the Flow: Rainwater Tanks as Innovative Water Infrastructure Carrie Wilkinson, School of Geography and Sustainable Communities, University of Wollongong

Directionality in urban infrastructure experiments: Insights from the Resilient Melbourne Strategy. Sebastian Fastenrath, University of Melbourne; Lars Coenen, The University of Melbourne; Brendan Gleeson, The University of Melbourne; Kathryn Davidson, The University of Melbourne

Engineering High-rise Living: An historical perspective on infrastructure experimentation and learning in Singapore (1960-1990) Jane Margaret Jacobs, Yale-NUS College

Fluid Infrastructures? Revisiting Volunteer Work as Sociomaterial Accomplishment Ali Eshraghi, Sharif University of Technology

Household energy storage revolution: Agents of change - the influence of intermediaries in catalysing transition. Veryan Hann, University of Tasmania; Kate Crowley, University of Tasmania

Innovation Districts - In Search for Backbones of Innovation Jacek Gadecki, University of Science and Technology AGH; Karolina Anielska Anielska, National Institute of Spatial Policy and Housing; Ilona Morawska, National Institute of Spatial Policy and Housing

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**056. Infrastructure, worlding and knowledge 2**

Single Paper Submission

Open Panel

2:00 to 3:30 pm

ICC: C2.2

Participants:

Infrastructure in the Making: The Chao Phraya Dam and the Dance of Agency Jakkrit Sangkhramane, Chulalongkorn University

Narrowing the knowledge-action gap for infrastructure: The role for science policy Christine Kirchhoff, University of Connecticut; James Arnott, Aspen Global Change Institute; John Katzenberger, Aspen Global Change Institute

Inventing social innovation as technopolitical repair Cornelius Schubert

The 'Alga-tron and the Aqua-Hamster: Engineering Models of Closed Sanitation Infrastructures to Live In Space.' David Munns, John Jay College of Criminal Justice, CUNY

Deliberating citizen values for low material energy futures Nick Pidgeon, Cardiff University, Uk; Catherine Cherry, Cardiff University

Climbing Conflicting Knowledge Infrastructures: Engineers without Taiwan, 1925-1950 Kuo-Hui Chang, National Taiwan University; Gary Downey, Virginia Tech; Po-Jen Bono Shih, Virginia Tech

Chair: **BENJAMIN BOTHEREAU**, EHESS CAK Centre Alexandre Koyré

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**057. Unsettling STS 2**

Papers for Open Panels/Unsettling STS: Scaling up critical indigenous analytics

Open Panel

2:00 to 3:30 pm

ICC: C2.3

Participants:

Intimate Political Etho-Ecologies: Crows, Coyotes, Humans, Genomes, Treaty Brian Noble, Dalhousie University

Narrating climate change on northern terms: Arctic Journalisms, Civic Spaces and Indigenous Publics Candis Callison, University of British Columbia

Path Dependence: Wirelessness and (De)colonial Maneuver in ‘Post-War’ Hawai`i Tyler Morgenstern, UC Santa Barbara

Privatisation by Association – Natural Resources and Electricity Generation Marama Muru Lanning, University of Auckland

Chair: **deneille a elliott**, York University

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**058. STS Africa Session 3**

Closed Panels

Traditional (Closed) Panel

2:00 to 3:30 pm

ICC: C2.4

Participants:

'S100 Is Not Much To You': Open Data and the accessibility of online resources in African laboratories Louise Bezuidenhout, Institute for Science Innovation and Society

An overview of the regulatory landscape for medical devices in Africa Tania Douglas, University of Cape Town; Trust Saidi, University of Cape Town

Geographical Advantage, Local Disadvantage? Astronomy in South Africa Jarita Holbrook, University of the Western Cape

Building a modern city: urbanisation and social inequality in Nigeria Babajide Olusoji Ololajulo, University of Ibadan, Nigeria

The ‘Infrastructure of Infrastructure’: Tracing Urban Public Finance Configurations in Kisumu, Kenya Liza Rose Cirolia, African Centre for Cities

Discussant: **Natasha Vally**, Centre for Humanities Research, University of Western Cape

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Open Panel

2:00 to 3:30 pm

ICC: C2.5

Participants:

Capturing Research on Film Jarita Holbrook, University of the Western Cape

Ethnografilm and Filmmaking in STS Wesley Shrum, Louisiana State University

One minute for STS Sandra Murriello, Universidad Nacional de Rio Negro

Researching Extraction, Refusing Extractive Research Merle Davis, York University

Transnational Storytelling: Reimaging Asian Diasporas through
060. How does mobility change researchers, research groups and scientific communities? (III)
Papers for Open Panels/How does mobility change researchers, research groups and scientific communities?
Open Panel
2:00 to 3:30 pm
ICC: C2.6
Participants:
Transnational mobility of academic scientists and engineers: Do global boundaries matter for international collaboration? 
Meghna Sabharwal, University of Texas at Dallas; Roli Varma, University Of New Mexico
Asians differentiated: Tracing the career paths of mobile Asian and Asian American academics in the United States 
Pei-Ying Chen, Indiana University - Bloomington
Evolution of scientific partnerships: examining the relationship between international collaboration and mobility 
Lili Miao, Indiana University Bloomington
Finding balance in global relationships: roles of mobility, mobility, and specialization in building ties across countries 
Yi Bu
Many faces of mobility: a taxonomy of bibliometric mobility indicators
Rodrigo Costas, Centre for Science and Technology Studies Leiden U
Moving on up: the relationship between international mobility and global leadership 
Zaida Chinchilla-Rodríguez, Consejo Superior Investigaciones Científicas (CSIC)
Chair: Cassidy Sugimoto, Indiana University Bloomington

061. Technomedicine and Reproduction
Single Paper Submission
Open Panel
2:00 to 3:30 pm
ICC: E3.1
Participants:
The technoscientization of IVF? Contemporary trends and counter-trends
Nicola J Marks, University of Wollongong
The Egg Timer Test: Direct-to-Consumer Fertility Testing for Women in the Age of Elective Egg Freezing
Moira Kyweluk, Northwestern University
Is Non-Invasive Prenatal Testing The New ‘Right Tool For The Job’ In Human Genetics? Zoe Olivia Jacoba Barker, University of Wollongong
Exploring the Role of Reproductive Technology and Gender Discrimination in India
shivmohan prajapati, No
Demographic Risks: Reproduction, Population Control, and the Techno-Medical Gaze in Contemporary India
Nayantara Sheoran Appleton, Victoria University of Wellington
Chair: Nicola J Marks, University of Wollongong

062. Science, Technology and Society in the Polar Regions (1)
Papers for Open Panels/Science, technology and society in the polar regions
Open Panel
2:00 to 3:30 pm
ICC: E3.10
Participants:
Digital Narratives
Vivian Wong, University of California, Los Angeles
Antarctica: A Pharmacopeia of Genetic Material
Juan Francisco Salazar, Western Sydney University
Against Otherworldliness: ‘Placing’ the Arctic in the Anthropocene
Alexis Rider, University of Pennsylvania
Mattering the Economy
Kristin Axdal, TIK, Centre for Technology, Innovation and Culture; Tone Huse, TIK Centre for Technology, Innovation and Culture, University of Oslo
Rationalizing The Reindeer: Modernization Efforts In Reindeer Husbandry
Corinna Roeyer, KTH Royal Institute of Technology Stockholm
Why Did Norway Ban Polar Bear Hunting?
Peder Roberts, KTH Royal Institute of Technology

063. Neurosocieties: interdiscipliary explorations of the brain, culture and ethics 3
Papers for Open Panels/Neurosocieties: Interdisciplinary Explorations of the Brain, Culture and Ethics
Open Panel
2:00 to 3:30 pm
ICC: E3.2
Participants:
Cinema and the brain: the perils and promises of the “neuroturn”
Julia vassilieva, Monash University
Environmentalizing the city: Urban Life and the Biophilic Brain
Des Fitzgerald, Cardiff University
Freeze, Die, Come to Life: Brain, Religion, and Personhood in Contemporary Russia
Anya Bernstein, Harvard University
Neuroprivacy & the New Behaviorism (Same as the Old Behaviorism) 
Charles Luke Alan Stark, Department of Sociology, Dartmouth College
What Brain Scans Can and Cannot See Seen from a Thai Bioartscape
Birgit Ruth Buergi
Chair: 
John Grant Gardner, Monash University, Australia
Cynthia Forlini, University of Sydney

064. Collating Publics In Collections Of Human Biological Material And Data 2
Papers for Open Panels/Collating publics in collections of human biological material and data
Open Panel
2:00 to 3:30 pm
ICC: E3.3
Participants:
Neuroscience of race and the production of biological citizens
Torsten Heinemann, University of Hamburg
Connective tissues: making intergenerational publics in a regional placenta biobank
Maria Fannin, University of Bristol; Julie Kent, University of the West of England
Involving citizens in the data bank: a case study of the China Marrow Donor Program
xiaojie li, Tsinghua University
Constraints of Knowledge Production in an Autism Genetic Database
Jennifer S Singh, Georgia Institute of Technology
The promises and imaginaries of the Cuban Genetics Program
Sameea Ahmed Hassim, Université Libre de Bruxelles
Chair: 
Nina Amelung, University of Minho
Discussant:
Erik Aarden, University of Vienna

065. Without Borders? The Future of Global Health and
Transnational Humanitarianism
Papers for Open Panels/Without borders? The future of global health and transnational humanitarianism
Open Panel
2:00 to 3:30 pm
ICC: E3.4
Participants:
- Anticipating Catastrophe: Health Systems Strengthening
  - Refashioned as Innovative Pandemic Preparedness Marlee Tichenor, University of California, Berkeley
  - Microbial Menaces: Calculating, Imagining, And Performing Potential Pandemic Futures Meike Wolf, Goethe University Frankfurt
- More-than-human Global Health: Identifying And Categorizing Threats In Pandemic Preparedness And Response Jose Cañada, University of Helsinki
- Towards Planetary Health: From Pandemic Epicenters to Global Environmental Risk Models Lyle Fearnley, Singapore University of Technology and Design
- Cartographic Citizenship: An Ethnography of Humanitarian Mapping Darryl Stellmach

066. 'Smart' patients and self-care
Papers for Open Panels/Critical Digital Health Studies
Open Panel
2:00 to 3:30 pm
ICC: E3.5
Participants:
- Minor creations of technological tactics for everyday life with a chronic disease Claudia Maria Bagge-Petersen, Department of Public Health, University of Copenhagen
- Rare Diseases and "Smart Patients" Olga Kuchinskaya, University of Pittsburgh
- When is Self-Care (Not) Enough? Health Apps and Young People’s Views on Physical and Mental Well-being Susanna Trnka, University of Auckland
- Online Expert Mediators: A New Stakeholder Problematizing The Role Of Blogs In Patient Engagement Claudia Egger, Maastricht University
- Becoming an informed patient? Digital health use among Australian women with chronic health conditions Sarah Maslen, University of Canberra
- Worn Out: How mental health wearables devices are changing the landscape of mental health Antoinette Paviithra Joseph, Macquarie University

Chair: Deborah Lupton, University of Canberra

067. Science and Technology Studies and Science Education: ‘High’ vs. ‘Low’ Church Tensions (A)
Papers for Open Panels/Science and Technology Studies and Science Education: ‘High’ vs. ‘Low’ Church Tensions
Open Panel
2:00 to 3:30 pm
ICC: E3.6
Participants:
- Educating for disturbance as a ‘natural’ part of survival Jesse Thomas Bazzul, University of Regina
- Environmental agency in a time of post truth and denial: How do preservice teachers see it. Jenny Martin, Australian Catholic University; Lyn Carter, Australian Catholic university
- Remembering Ursula Le Guin (1929-2018): A secular saint of ‘No Church’ STS? Noel Gough, La Trobe University
- Slaying monsters in/through STS, science, and education Sara Tolbert, University of Arizona
- The ‘No’ church of science education: Encouraging ignorance Annette Gough, RMIT University

068. National Identities and Transnational Science and Technology during the 20th century: New Challenges
Papers for Open Panels/National Identities and Nationalism in Transnational Science and Technology during the 20th century
Open Panel
2:00 to 3:30 pm
ICC: E3.9
Participants:
- Rethinking the public inquiry on science, technology and environmental change in new governance transitions Richard Hindmarsh, Griffith University
- The Identity of Science and Technology in South Korea and Compressed Growth Manyong Moon, Chonbuk National University
- Transnational science and technology in the development of the Chilean doctoral identities Cecilia Ibarra, Universidad de Chile
- Coercion, Consent and Contestation in Scientific Practices in India Sambit Mallick, Universidad Catolica de Chile
- Understanding India’s Engagement with Science, Technology and Innovation in Food, Agriculture and Rural Development Dinesh Kumar Abrol, Institute for Studies in Industrial Development
- Public Reason and the Governance of Scientific Controversies Yuan Haijun, School of Philosophy, Inner Mongolia University

Chair: Barbara Silva, Universidad Catolica de Chile
Discussant: William San Martin, Massachusetts Institute of Technology (MIT)

069. Making and Doing Prize Committee meeting
Single Paper Submission
Special Event
2:00 to 3:30 pm
ICC: E5.1

070. Artificial Intelligence and Cognition as Social Praxis
Papers for Open Panels/Artificial Intelligence and Cognition as Social Praxis
Open Panel
2:00 to 3:30 pm
ICC: E5.10
Participants:
- Artificial Intelligence and Algorithmic Sensitivity: The Case for Technology Ethics Pawan Singh, Deakin University; Nandini Seth, Indian Institute of Management, Bangalore
- Computerized Knowledge Creation: Machine Learning Models as Social Actors Stephen Paff, University of Memphis
Governing (with) algorithms: trust, uncertainty and the promise of transparency Pedro Pablo Seguel, University of Texas at Austin; Rodrigo Gonzalez, Independent

Human Trust and the Machine: Transnational Online Business in China e orega

OF Hackers and Yearners: Constructionist Learning's Debt to AI and Cybernetics Morgan G. Ames, CSTMS, UC Berkeley

To Bot or Not to Bot, that's the question Sachit Rao, International Institute of Information Technology - Bangalore; Bidisha Chaudhuri, International Institute of Information Technology Bangalore; Janaki Srinivasan, International Institute of Information Technology - Bangalore

071. How Do STS Studies Translate Numbers: Governance & Public Policy

Papers for Open Panels/How do STS Studies Translate Numbers

Open Panel
2:00 to 3:30 pm
ICC: E5.2

Participants:

Datafication as a Political Technology: Translating International Benchmarking in US Federal Education Discourses Roberto de Roock, Nanyang Technological University; Darlene Machell Espena, Nanyang Technological University

Escaping Numbers? Intimate Accounting, Informed Publics and the Productions of Authority and Non-Authority Radhika Gorur, Deakin University

Manufacturing an Artificial Intelligence Revolution: Neoliberalism and the ‘new’ big data Yarden Katz, Harvard University


Chair:
Helen Verran, Charles Darwin University, Casurina, NT

072. Planetary Futures and Infrastructures Re-Imagined

Closed Panels

Traditional (Closed) Panel
2:00 to 3:30 pm
ICC: E5.3

Participants:

The Irradiated International Lou Cornum, Graduate Centre City University of New York, English PhD program

Below The Grounds Of The Stream Are The Waters Of The Sky Harshvardhan Bhat, University of Westminster, Monsoon Assemblages, Department of Architecture

Eeyou Communications Network And Tshiuetin Rail Tricia A. Tsox, Concordia University

Discussant:
Maya Indira Ganesh, Leuphana University, Germany

073. Beyond boundary objects and immutable mobiles - new ways of thinking about the movement of knowledge III: Theoretical Perspectives of Knowledge

Papers for Open Panels/Beyond boundary objects and immutable mobiles: new ways of thinking about the movement of knowledge

Open Panel
2:00 to 3:30 pm
ICC: E5.4

Participants:

Knowing Diabetes: Translations Towards Practical Knowledge Maja de Langen, University of Amsterdam / University of Western Australia

Hot Air and Hype? The Work of Events in Translating Socio-technical Imaginaries of Big Data Michael Hockenhull, IT University of Copenaghen

Where Everyone and Everything is a Boundary Object Yasanori Hayashi, Charles Darwin University

Digitising Language Practices - Boundary Objects in the Movement of Knowledge Cathy Bow, Charles Darwin University

User-Generated Content as a Sandbox for STEM Education Rich Gazan, University of Hawaii

A Non-Representational Description of the Craft Practice of Wire-Bending Vernelle A Noel, Penn State University

074. STS Underground: Responsible and Sustainable Mining

Papers for Open Panels/STS Underground: Investigating the Technoscienctific Worlds of Mining and Subterranean Extraction

Open Panel
2:00 to 3:30 pm
ICC: E5.5

Participants:

How to build a body in a minescape: toxic conditions in artisanal gold mines jessica worl, University of Michigan-School for Environment and Sustainability


Technoscience and politics in the global project to eliminate mercury from artisanal and small-scale gold mining: a case study from Colombia Sebastian E Rubiano-Galvis, University of California, Berkeley

The Material-Discursive Interplay of Technology and Corporate Responsibility Diana Ayeh, University of Leipzig

The (Un)Making of the “Grants Uranium District”: The Technopolitical Life of the Byproduct in Northwestern New Mexico Thomas De Pree, Rensselaer Polytechnic Institute

Urban Mining: A New Epistemology for Social Justice Roopali Phadke, Macalester College

Chair:
Abby Kinchy, Rensselaer Polytechnic Institute

075. Environmental Humanities, Science Studies, and Transdisciplinary Engagement

Closed Panels

Traditional (Closed) Panel
2:00 to 3:30 pm
ICC: E5.6

Participants:

Science, Nature and Justice in Times of Conflict and Transition Kristina Lyons, University of California, Santa Cruz

Baboons, Citizens, Science and the City Lesley Green, University of Cape Town

“This is not political, it’s technical”: Science, environment, and unions in defense of the public Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach; Maria Paz Aedo, Universidad de Santiago de Chile

Hoping from water fluctuations Diana Bocarejo, Universidad del Rosario
076. COMPOSTING Feminisms and Environmental Humanities

2: Pedagogies

Papers for Open Panels/Composting Feminisms & Environmental Humanities
Open Panel
2:00 to 3:30 pm
ICC: E5.7
Participants:
Making Academic Kin: Composting Subjectivities In Graduate Research Blanche Verlie, Monash University; Sherridan Emery, University of Tasmania; Maia Osborn, Southern Cross University; Kim Beasy, University of Tasmania; Kevina Kezabu, University of Tasmania; Bianca Coleman, University of Tasmania; Jennifer Nicholls, James Cook University
Disruption and (Dis)Location: A Mediated Performance for Writing- With the Anthropocene Lissa Holloway-Attaway, University of Skövde
Art-science Activisms and Compost Methods for Common Worlds Pedagogies Alicia Flynn, Melbourne Graduate School of Education (University of Melbourne)
Integrating Feminist STS into STEM – Examples from the Environmental Sciences Petra Lucht, Technical University Berlin
EcoFeminist Fridays: towards slow academia Hayley Singer, University of Melbourne
Audio Journeys, Visualisation and Dark Lessons Julie Vulcan, Western Sydney University Masters of Research
Chair:
Jennifer Hamilton, Hampshire College

077. Diversifying Agri-food STS scholarship Across Transnational Borders I

Papers for Open Panels/Diversifying Agri-food STS scholarship Across Transnational Borders
Open Panel
2:00 to 3:30 pm
ICC: E5.8
Participants:
Expert and public attitudes on the use of gene editing: An empirical study in Agri-food context Naoko Kato-Nitta, The Institute of Statistical Mathematics, Japan; Nagoya University, Japan; Tadahiko Maeda, The Institute of Statistical Mathematics, Japan; Masashi Tachikawa, Nagoya University, Japan
How Technologies, Identities and Idylls Can Steer Research Through Changing Agrifood Regimes Peat Leith, University of Tasmania
Processed Foods, Nutritionism and Food Corporations Gyorgy Scrinis, University of Melbourne
Unsettling Food Sovereignty in Australia Christopher Mayes, Deakin University
Understanding Processing: Mega Food Parks and Technological Interactions in the Indian Food System Barkha Satish Kaglival, Cornell University, Department of S&T
Chair:
Alastair Iles, UC Berkeley

078. Caring across Borders: Materiality and Belonging in

Transnational Families II

Papers for Open Panels/Caring across borders: Materiality and belonging in transnational families
Open Panel
2:00 to 3:30 pm
ICC: E5.9
Participants:
Political materialities? Exploring ageing migrants’ citizenship through home-making and consumption practices Aija Lulle, University of Sussex/Loughborough University
Proposing a person-centred approach for understanding the affective nature of new media in care contexts Joanne Mihelcic, RMIT University
Rethinking digital inclusion and exclusion in the new media practices of older Australians Andrew Simon Gilbert, La Trobe University
Virtual Materialities: the ‘thingy-ness’ of co-presence and caring across distance Loretta Baldassar, University of Western Australia
“Would you like the idea of robot caregiving to your ageing parents?” Theory of care and a technological boundary in caregiving Maho Omori, National Ageing Research Institute

079. Experiments in Infrastructure II

Papers for Open Panels/Experiments in Infrastructure
Open Panel
4:00 to 5:30 pm
ICC: C2.1
Participants:
The Challenge of Translating Innovation into Transport Decision-Making Simon Louis Opit, Massey University
The role of experiments in cycling infrastructure in São Paulo Luciana de Farias, University of Campinas
Tracing The History and Potential of an Innovative Affordable Housing Project in Melbourne Katrina Raynor, University of Melbourne
Urban experimentation with nature-based innovations and infrastructures Kes McCormick, IIIEE; Filka Sekulova, Universitat Autonoma de Barcelona; Rob Raven, Utrecht University; Harriet Bulkeley, Durham University
Who Bears the Risks of Data-related Urban Infrastructure Experimentation? Sangeetha Chandrashekeran, University of Melbourne; Svenja Keene, University of Melbourne; Anne Kallies, RMIT
STIS and Industrial Design Collaborations on Infrastructure Conceptualization, Design, and Maintenance Juan Montalvan, Pontificil Catholic University of Peru
Chair:
Anthony Levenda, University of Calgary

080. Smart Sydney: Studying the Smart City in Sydney, by Sydneysiders

Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: C2.2
Participants:
Logics, Aspiration and Practice of Smart in Sydney Robyn Dowling, University of Sydney; Pauline McGuirk, University of Wollongong; Jathan Sadowski, University of Sydney
RealTech and Foreign Real Estate Investment: ‘Risk’ East-
081. Unsettling STS 3
Papers for Open Panels/Unsettling STS: Scaling up critical indigenous analytics
Open Panel
4:00 to 5:30 pm
ICC: C2.3
Participants:
How Cold War Anthropology Tried (And Failed) To Decolonize ‘Third World’ Futures Joanna Radin, Yale
Salvage Minds: Representing and Intervening on Unceded Territories Tom Ozden-Schilling, Johns Hopkins University
Unsettling Addiction Science in Vancouver’s Unceded Territory denielle a eliott, York University
Why did they take him away? Following Aboriginal remains using modes of existence Rob Garbutt, Southern Cross University

Chairs:
Tom Ozden-Schilling, Johns Hopkins University
denielle a eliott, York University

082. STS Africa Session 4
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: C2.4
Participants:
“Experiencing AIDS in Africa”: Moral Aesthetics, Global Health Pedagogies, and the Limits of Transformation in Botswana BETSEY BEHR BRADA, Reed College
(Dis)connected Roots: Genetics, Return, and the Specter of National Security in Cameroon Victoria Michelle Massie
Understanding Biomedicine from the Homestead: Knowledge-Being in Multiple Worlds Abigail H Neely, Dartmouth College
Between the Lab and the Cooking Pot: Recovering Culinary Design and African Women’s Creativity in Technological Studies of ‘Climate-Smart’ Seeds Serena Stein, Princeton University
Sankofa Innovation DK Osseo-Asare, The Pennsylvania State University

Discussant:
Toluwalogo Odumosu, University of Virginia

083. The Learning Health System as a Socio-Technical System of Translation
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: C2.5
Participants:
STS Enters the Imaginary of the Learning Health System: A Discourse Analysis of the Learning Health System in its First Decade Minakshi Raj, University of Michigan; Jodyn Platt, University of Michigan Medical School; Matthias Wiemann, Policy, Ethics & Life Sciences Research Centre, Newcastle University
Imagining the Social in a Learning Health System Alexandra Vinson, University of Michigan

Bounded Justice: Learning Health Systems and the Ethics of Scientific Knowledge Production Melissa Creary, University of Michigan, School of Public Health
Making and Doing ARCHIE Madeleine Murtagh, Policy, Ethics & Life Sciences Research Centre, Newcastle University; Joel Minion, Policy, Ethics & Life Sciences Research Centre, Newcastle University; Mwenza Blell, University of Cambridge
Healthcare As A System Of Systems And The Development Of Contingency Plans For Extreme Events Denis Fischbacher-Smith, University of Glasgow; Bonnie Atonasova, University of Glasgow; Moira Catherine Fischbacher-Smith, University of Glasgow

084. Global STS in Deglobalization of the World
Papers for Open Panels/Global STS in Deglobalization of the World
Open Panel
4:00 to 5:30 pm
ICC: C2.6
Participants:
Conceptualizing Global STS Sulfikar Amir, Nanyang Technological University
Minds and Hearts Connected: The Academy, Resistance, and Digital (Re)productions of Knowledge Sahar D. Sattarzadeh, Institute for Reconciliation and Social Justice, University of the Free State
Scientist Accidental: Navigating Multi-cultures in Glocal Science Ricardo B Duque, SUNY Polytechnic Institute
The Teaching and Learning of STS in an International Context Bregham Dalgliesh, University of Tokyo; Isabelle Juliette Giraudou, The University of Tokyo
Transnational and local: Reflections on doing collaborative STS in Turkey Meral Erol, Isik University; Duygu Kasdogan, Imam Khatip Çelebi Universities

Chairs:
Sulfikar Amir, Nanyang Technological University
Lyle Fearnley, Singapore University of Technology and Design

085. Medicine and gendered bodies
Single Paper Submission
Open Panel
4:00 to 5:30 pm
ICC: E3.1
Participants:
Unruly Bodies, Anxious Beauty, and Feminist Politics of Plastic Surgery So Yeon Leem, Seoul National University
Changes of Scientific Discourses and Feminism: Focusing on the Sex/Gender Differences Studies Using fMRI Sun Hee Yoon, Seoul National University
Differently Represented Bodies: The Case of Women and Depression Research in South Korea Mina Kim, Seoul
086. Science, Technology and Society in the Polar Regions (2)
Papers for Open Panels/Science, technology and society in the polar regions
Open Panel
4:00 to 5:30 pm
ICC: E3.10
Participants:
Affective Infrastructure: Experiences and Expectations along a Siberian Railroad Olga Povoroznyuk, Department for Social and Cultural Anthropology, University of Vienna; Peter Schweitzer, Department for Social and Cultural Anthropology, University of Vienna
Militarizing And Demilitarizing The Cold War Arctic: Shifting Technologies, Strategies, And Field Practices Ronald E Doel, Florida State University
Mining technologies and (not) mining in Antarctica Lize-Marié van der Watt, KTH Royal Institute of Technology, Sweden
For the common good of mankind – and Finnish cold weather technology Justiina Dahl, KTH Royal Institute of Technology
Experts, exiles and enemies of the people: Portrayals of climate scientists in Australian newspapers Elaine McKewon, University of Technology Sydney

087. What are the relationships between STS and empirical ethics? A panel discussion on neuroethics
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E3.2
Participants:
Ethics and the social studies of science in neuroethics Eric Racine, Institut De Recherches Cliniques De Montréal
A practical and ethical analysis of incorporating patient preferences into dementia research policy and practice Cynthia Forlini, University of Sydney
A Technological Fix? Patient-testimonies of neurostimulation on YouTube John Grant Gardner, Monash University, Australia; Narelle Warren, Monash University; Courtney Addison, Monash University
An empirical study of the ethical and policy implications of promoting a food addiction understanding of overweight and obesity Adrian Carter, Monash University
Deflating the "Neurostimulation causes personality changes" bubble Frédéric Gilbert, University of Washington & University of Tasmania; John Viana, University of Tasmania; Christian Ineichen, University of Zurich

088. Corporate Entanglements With Health
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm

ICC: E3.3
Participants:
Between Corporations and Consumers: A Study of Healthcare Startups Ipsita Ghosh, Syracuse University
Mind Your Brain: Corporate Technoscientific Interventions Into Mental Fitness Through the Muse Brain-Computer Interface Rebecca Jablonsky, Rensselaer Polytechnic Institute
Of Ontologies and Oncologies: Pfizer, Lipitor and the Birth of Cancer Innovation in Australia Mark Robinson, DePaul University
Fashioning the Hemorrhagic Body: Ebola in Western Africa 2014 Stephen Wallace, (unspecified)
Legocene: An Introduction to Corporate Health David Shane Lowry, Biola University

Chair: David Shane Lowry, Biola University

089. Not Global Health (?) : Theorizing Biomedical Governance from the South
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E3.4
Participants:
Against Humanitarianism: Cuba’s Quest for Exporting Social Justice through Medicine P. Sean Brotherton, The University of Chicago
Cuba-Vietnam Medical Diplomacy and the Articulation of a (Post)Socialist Biomedical Network Natalie Hannah Porter, University of Notre Dame
Infection, compensation, containment and justice: biosecurity and value in the 2017 avian flu outbreak in Cape Town, South Africa Thomas Cousins, University of Oxford; Michelle Pentecost, Kings College London
The breather as patient and plaintiff: biopolitics, labor and the judicialization of tuberculosis Kaushik Sunder Rajan, University of Chicago

Discussant: Kristin Ann Peterson, UC Irvine

090. Quantified patients and physicians
Papers for Open Panels/Critical Digital Health Studies
Open Panel
4:00 to 5:30 pm
ICC: E3.5
Participants:
Advancing to the next level: the quantified professional-self and the gamification of physicians and scientists Iris Wallenburg, institute for Health Policy and Management; Björn Hammarfelt, University of Borås; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS); Roland Bal, Erasmus university rotterdam
From Self-Tracking to Tracking Patients? QS and health organizations in France Eric Dagiral, Paris Descartes University, CERLIS
Future of General Practitioners in the Era of Quantified Self Daniela Cerqui, University of Lausanne; Daniel Widmer, European Commission
Life Drawing the Metrics of Care: Investigations of Data and Reproductive Health Alexandra Jonsson, Westminster University
094. That which arises from the (human or mechanical) eye

Papers for Open Panels/That which arises from the (human or mechanical) eye
Open Panel
4:00 to 5:30 pm
ICC: E5.10

Participants:
Personal Data Flows: Negotiating parent-child photo sharing practices
Anders Albrechtslund, Aarhus University; Maja Sonne Damkjær, Aarhus University; Ask Risom Bøge, Aarhus University

Shadow of gender: “Lena” in the eyes of her users in China
Anita Buragohain, York University, Toronto

From Blindness to Super Recognition: Prosopagnosia and the Politics of Seeing Others
Sharrona Pearl, The University of Pennsylvania

Partially-sighted Cyborgs: debunking myths, exposing the truth
Nalini Haynes, University of Canberra

A Digital Second Eye: An Ethnographic Study of Making Medical Imaging AI Development
Heesun Shin, Korea Advanced Institute of Science and Technology

Sensory ethnography and the bionic eye
Cordelia Erickson-Davis, Stanford University
095. **How Do STS Studies Translate Numbers: Knowledge, Theory, Method**

Papers for Open Panels/How do STS Studies Translate Numbers
Open Panel
4:00 to 5:30 pm
ICC: E5.2

Participants:
- Analyzing the Analyst: Cognitive Neuroscience, Experimental Performances, and a Return to Reflexivity *Yelena Gluzman*, UCSD
- Bodies, Numbers and Politics: The Rise and Fall of the ‘Quantified Self’ Movement *Ana Viseu*, Universidade Europeia
- How does STS (ac)count? Methods and critical engagements with quantification. *Oscar Javier Maldonado Castaneda*, Universidad del Rosario
- Time and numbers: Counting the consequences *Barbara Bok*, Swinburne University of Technology
- Translating Chaos: Double-crossing STS and Mathematics *Fiona Druitt*, University of Melbourne

Chair: *Helen Verran*, Charles Darwin University, Casurina, NT

096. **Climate Change in Context: Local Use, Creation, and Interaction with Science**

Papers for Open Panels/Climate change in context: Local use, creation, and interaction with science
Open Panel
4:00 to 5:30 pm
ICC: E5.3

Participants:
- From Coast to Coast: Local Responses to Climate and Biodiversity Issues in Canadian Cities. *Julie Hagan*, Université Laval
- Climate Science in the US National Parks: Scale, Politics, and Contingency *Michelle Kathleen Sullivan Govani*, Arizona State University
- Transdisciplinary research of the linkages between climate change and population movements: Lessons from Samoa *Ximena Flores-Palacios*, Auckland University of Technology
- Transformations for sustainability in dynamic deltas? A Critical Analysis of Systems Approaches to Social Change *Anna Wesselink*, Department of Integrated Water Systems and Governance, UNESCO-IHE Institute for Water Education; *Oliver Fritsch*, Department of Geography, University of Leeds; *Jouni Paavola*, Centre for Climate Change Economics and Policy (CCCEP), School of Earth and Environment, University
- What Do Local Officials See in Participatory Technology Assessment for Climate Adaptation? *Nicholas Weller*, Arizona State University, School of Sustainability; *Mahmud Farooque*, Consortium for Science, Policy & Outcomes, Arizona State University; *Ira Bennett*, Arizona State University
- Science Policy, Climate Science and Doing Subnational Climate Assessments *Christine Kirchhoff*, University of Connecticut

Chair: *Nicholas Weller*, Arizona State University, School of Sustainability

097. **Mullins Prize**

Special Event
4:00 to 5:30 pm
ICC: E5.4

098. **Organisms and Us in Dialogue**

Papers for Open Panels/Organisms and Us in Dialogue
Open Panel
4:00 to 5:30 pm
ICC: E5.5

Participants:
- Birds as Designers and Insects as Clients, or Limits to Participation in Participatory Creativity *Stanislav Roudavski*, The University of Melbourne
- Experimenting in Multispecies Multidisciplinary Microbial Research: Doing STS, Doing Biology, and Doing Yeast *Erika Amethyst Szymanski*, University of Edinburgh
- Human-Plant Relations in Scientific Practice: Epistemology in the Vegetal Realm — *Laura May Ruggles*, University of Adelaide
- Researcher-Native Relations: Situating Emerging Animal Models in Australian Science *Rachel Ankeny*, The University of Adelaide; *Karina Burns*, School of Humanities
- Scaling the CandidaHomo Ecology: Candida-writing Across Spacetime*metaterr* *Tarsh Bates*, The University of Western Australia
- Vaccines’ Intricacies and Elusive Biological Processes *Roberta Pala*, University of New South Wales, Sydney

099. **Curating Third Space – Transdisciplinary Knowledge At The Intersection Of Art, Science And The Public**

Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E5.6

Participants:
- Panel Presenter 1 *Katie Dyer*, Museum of Applied Arts and Sciences
- Panel Presenter 2 *Lynn Froggett*, UCLA
- Panel Presenter 3 *Jill Bennett*, UNSW
- Panel Presenter 4 *Lisa Bailey*, Australia’s Science Channel

Chair: *Lizzie Muller*, UNSW

100. **COMPOSTING Feminisms and Environmental Humanities**

4. Beginnings and Endings

Papers for Open Panels/Composting Feminisms & Environmental Humanities
Open Panel
4:00 to 5:30 pm
ICC: E5.7

Participants:
- Composting Feminisms and Environmental Humanities: A Critical Genealogy *Jennifer Mae Hamilton*, University of New England; *Astrida Neimanis*, University of Sydney
- Turning over the compost: Feminisms in the world-ecology framework *Rebecca Pearse*, Department of Political Economy, University of Sydney
- Composting Feminisms: Queer Ecology & Val Plumwood's
101. Diversifying Agri-food STS Scholarship Across Transnational Borders II
Papers for Open Panels/Diversifying Agri-food STS scholarship Across Transnational Borders
Open Panel
4:00 to 5:30 pm
ICC: E5.8
Participants:
- Seed-Links: Connecting You to Your Food Web through the Visualisation of Diverse Agri-Food Systems: Fern Wickson, GenOk Centre for Biosafety; Amaranta Herrera, GenOk Centre for Biosafety; Rosa Binimelis, GenOk Centre for Biosafety & University of Vic
- Sustainability in Crop Research and Agricultural Models: Analyzing the Food Discourse Abhinav Jha, Central University of Gujarat; Kunal Sinha, Central University of Gujarat
- The Technology Politics of Mechanizing Crops: Insights from Californian Agriculture: Alastair Iles, UC Berkeley; Patrick Baur, UC Berkeley; Ayla Peters, University of California at Berkeley; Brenly Stapley, University of California at Berkeley
- Responsible research and innovation for effective biosecurity surveillance: Cathy Robinson, Research Director; Tabatha Wallington, University of Queensland; Kirsten Maclean, CSIRO
- The Web of Transnational Cultivation and Benevolence: Taiwan’s contemporary networking of alternative farming and self-help agronomy: Yi-ting Lee
- Transformational Standards or Standardised (Trans)formations? Actor-Networks’ Co-creation of Compost Practices in Australian Agri-food Systems: Katherine Thornton, Centre for Urban Transitions, Swinburne University of Technology

Chair: Gyorgy Scrinis, University of Melbourne

102. Collecting as a Hobby
Papers for Open Panels/Collecting as a hobby: An STS exploration
Open Panel
4:00 to 5:30 pm
ICC: E5.9
Participants:
- Constructing Collection: Possibilities and Perspectives: Ravi Shukla, Jawaharlal Nehru University
- Collecting and protecting the digital bookshelf: Anne-Mette Bech Albrechtslund, Aalborg/Aarhus University
- Displaying Expertise: Science Fair Collections and Adolescent Scientific Communities in the United States, 1928-1957: Sarah Scripps, University of Wisconsin-Stevens Point
- Everything Old is New Again: Thrift Store Collecting: Dawn Neill, Cal Poly State University, San Luis Obispo

Chair: Ravi Shukla, Jawaharlal Nehru University

103. Dyason Lecture
Special Event
6:00 to 7:30 pm
ICC: C2.3
Participants:
- Helen Verran, Charles Darwin University

FRIDAY, AUGUST, 31

104. From Black Boxes to Locked Boxes: STS interventions for studying invisible data infrastructures
Papers for Open Panels/From Black Boxes to Locked Boxes: STS interventions for studying digital data infrastructures
Open Panel
9:00 to 10:30 am
ICC: C2.1
Participants:
- Digital Transformation (DX) Narratives: Brian Kinnee, Cal Poly
- Following Data: examining the role of data in ‘Smart Cities’: Ignacio J Perez, University of Oxford
- Seeing Like a Supply Chain: Understanding Data in Logistics: Miriam Posner, University of California, Los Angeles
- Shall we construct Big Data artifacts as records? Richard Arias-Hernandez, University of British Columbia
- TRANSlations Over Supermarket Loyalty Program Database: More Than Empowerment, Enchantment And Profit: Maria Cristina de Oliveira Cardoso, UFRJ - HCTE; Marcia de Oliveira Cardoso, UFRJ - HCTE
- The (in)visibility of infrastructures in the gig economy: Roser Pujadas, The London School of Economics and Political Science; Daniel Curto-Millet, Spanish National Research Council (CSIC)

105. TRANS-disciplinary Research Through STS Practice
Papers for Open Panels/TRANS-disciplinary research through STS practice: The co-creation of knowledge and collaboration
Open Panel
9:00 to 10:30 am
ICC: C2.2
Participants:
- A Spectrum of Collaboration: From Co-operation to Co-production: Suzanne Vallance, Lincoln University; Andreas Wesener, Lincoln University; David Conronson, University of Canterbury; Sarah Edwards, Lincoln University; Hirini Matunga, Lincoln University
- Accidentally STS: co-creating new knowledge & practice through the messiness of Indigenous land & sea management in northern Australia: Beau Austin, Charles Darwin University
- Collaboration of Citizen Science and Citizen Journalism: Ming-Ying Lee, Providence University
- A guide to the social study of science and technology within the context of transdisciplinary research: challenges, pitfalls and optimism: Casimir MacGregor, BRANZ; Claire Tanner, The University of Melbourne
- Co-Production And Consensus: Doing Ethnography In a Collaborative Research Partnership: Victoria Loblav, Menzies
106. Decolonising the deep past: archaeological narratives, human origins and indigeneity
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: C2.3
Participants:
Lost in translation: stone tool collecting and Tasmanian Aboriginal cultural endurance Rebe Taylor, University of Melbourne
The New Old World: global archaeological narratives in late twentieth-century Australia Billy Griffiths, Deakin University
Universalism, historical difference, and modern human origins Martin Porr, University of Western Australia; Jacqueline Matthews, Monash University
Discussant:
Lynette Russell, Monash University

107. Global Darwin Down Under
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: C2.4
Participants:
Doing Darwin Down Under: Old Problems, New Challenges Evelleen Richards, University of Sydney
Darwin and Recent Biography James Bradley, School of Historical and Philosophical Studies, University of Melbourne; Roderick Buchanan, History and Philosophy of Science, University of Melbourne
Charles Darwin, Indigenous People and the 'Mysterious Agency' of Colonisation Kathleen Butler, University of Newcastle, Indigenous Education and Research
Monkey Business: Darwin, Gender and Management Science Cordelia Fine, History and Philosophy of Science, University of Melbourne; James Bradley, School of Historical and Philosophical Studies, University of Melbourne
Darwinism: The History of a Contested Concept Ian Hesketh, Advanced Studies in the Humanities, University of Queensland
Discussants:
Mark S. Micale, University of Illinois, Urbana-Champaign
Ruth Barton, School of Humanities, University of Auckland
Alison Bashford, UNSW Sydney
Paul Griffiths, University of Sydney

108. Innovations in methods and theory
Single Paper Submission
Open Panel
9:00 to 10:30 am
ICC: C2.5
Participants:
Mobile Momentum: Conceptualizing the Social and Technological Changes of Mobile Communication Colin Agur, University of Minnesota
Scenarios And Simulations - Methods For Constructing Futures Joshua Loughman, SFIS - Arizona State University
The metamodernist paradigm on STS methodologies Martin Andres Perez Comiso, SFIS - Arizona State University
Digital Enactivism and Cultural Phenomena: A Theory on Visual Performativity Patrizia Sergio, Nobody
Does Your Computer Know You Better Than You Do? AMELIE ANGIE LAURA BERGER SORARUFF, University of Dundee
Going Longitudinal- Proposed Followup of a 1983 Data Set John McCamy Wilkes, WPI/retired professor
Chair:
Colin Agur, University of Minnesota

109. Doing Science in Asia: Linkages and Tensions
Papers for Open Panels/Is there such a thing as Asian science?
Open Panel
9:00 to 10:30 am
ICC: C2.6
Participants:
Dead Cat, Live Cat, If Schrodinger’s Cat Catches Mice, It’s a Good Cat: Organizational Chimerism Abigail Coplin, Columbia University, Department of Sociology
Evolution of Biotechnology in India: Historic and Epistemic Trajectories Abhinav Tyagi, Indian Institute of Technology Bombay
The Emergence and Development of Cross National Knowledge Sharing: Case Studies of International Collaborative Projects in South Korea SOO A LEE, Georgia Institute of Technology
Evaluation of the Salary Status of Scientific and Technological Workers in China Yanni Wang, National Academy of Innovation Strategy; Guang Yang, National Academy of Innovation Strategy
The Language of Gendering: A Feminist Analysis of Gender Strategies Adopted by Women in Science Research Organisations in India Astha Jaiswal, Central University of Gujarat
Of the Nation, by the Godman, for the Masses: Baba Ramdev's Scientific Universe of Yoga, Ayurveda and Purusharh Shrirupa Bhattacharya, Lady Shriram College for Women

110. Author Meets Critic Carson Book Prize for "Life Support: Biocapital and the New History of Outsourced Labor" by Kalindi Vora
9:00 to 10:30 am
ICC: E3.1
Participants:
Tbd Timothy Choy, University of California, Davis
Tbd Oscar Javier Maldonado Castaneda, Universidad del Rosario
Tbd Sara Wylie, Northeastern University


Open Panel
9:00 to 10:30 am
ICC: E3.10

Participants:

Science Competition Practices for evaluating Researcher Excellence Nina Kahma, University of Helsinki; Mikko Rask, University of Helsinki; Susanna Vase, University of Helsinki

Majorism: Neoliberalism in Student Culture Coleen Carrigan

Globalization, Neoliberal Imaginary and Indian Higher Education Muneeb Hussain Gattoo, Higher education department, Govt. of Jammu and Kashmir; Muneeb Hussain Gattoo, PhD student department of economics, AMU


The Normative Space of Sociological Research in Iran Seyyed Ayatollah Mirzaie, Institute for Humanities and Cultural Studies; Masoumeh Qarakhani, Allameh Tabataba’i University

Chair: 
Sara Wylie, Northeastern University

Discussant: 
Kalindi Vora, University of California San Diego

112. Translating The History Of Science Across Cultures: Cases From 1600-1900

Closed Panels

Traditional (Closed) Panel
9:00 to 10:30 am
ICC: E3.2

Participants:

Women, Race, and Medicine: Black Midwives in Early 19th century Ottoman Egypt Edna Bonhomme, Max Plank Institute for History of Science

“Life Under the Water”: The Diving Bell And Colonial Narratives Of Innovation Aileen Robinson, Stanford University

Indefatigable Azara: A Spanish Naturalist In South America Anna Toledano, Stanford University


Scientific Women and Scientific Exploration: Gender and Ersure in Colonial Science Megan Baumhammer, Princeton University

Chair: 
Hans Pols, University of Sydney

113. Personhood, Law, and Relationality Amidst the New

Biosciences I

Papers for Open Panels/Personhood, law and relationality amidst the new biosciences

Open Panel
9:00 to 10:30 am
ICC: E3.3

Participants:

Kins, Chimeras, Controversies: The Challenges of Public Debate and Engagement over Interspecies Id/entities Myra Cheng, University of Technology Sydney

Where is the genomic person? biologal platforms, boundaries, unmoored persons Samuel Taylor-Alexander, Monash University

Can Nonhuman Author? Challenges for Anthropocentric Copyright Laws Shun-Ling Chen, Institutum jurisprudentiae, Academia Sinica

Midata.coop And The Transactional Legalities Of Precision Medicine Declan Liam Kuch, University of New South Wales; Georgia Miller, UNSW; Matthew Kearnes, Environmental Humanities Programme, School of Humanities and Languages, University of New South Wales

‘The proof is in my chromosomes’: Translating radiation exposure into legal liability and state culpability. Catherine Trundle, Victoria University of Wellington

Chair: 
Marc De Leeuw, The Universityof New South Wales

Discussant: 
Torsten Heinemann, University of Hamburg

114. Science and Technology Studies on Transnational Complementary and Alternative Medicine (CAM)

Papers for Open Panels/Science and Technology Studies on Transnational Complementary and Alternative Medicine (CAM)

Open Panel
9:00 to 10:30 am
ICC: E3.4

Participants:

’A Love That Dares Not Speak Its Name’: How is Psychotherapy Discursively Constructed in Australia? Tim Johnson-Newell, University of Wollongong

Modernity and Hybridity: Regulation and Anarcho-Herbalism Nayeli Uraguiz, University of Kent

Naming Efficacy, the Scientific Rhetoric of Chinese Traditional Patent Medicine XI LU, Taiwan Shih Shin University

Publication activity in complementary and alternative medicine revisited, 1966-2016 Jenny-Ann Brodin Danell, Umed university, Department of Sociology; Pia Vuulanto, University of Tampere Research Centre for Knowledge, Science, Technology and Innovation Studies; Rickard Danell, Department of Sociology, Umed University

Transnational Chinese Medicine: How Academic Chinese Medicine is Configured in Australian and UK Universities Caragh Brosnan, University of Newcastle, Australia

Understanding Science And Belief System: The Debates In Appropriation Of Knowledge In Ayurveda ABHA ARYA, Jawaharlal Nehru University

Chair: 
ABHA ARYA, Jawaharlal Nehru University

Discussant: 
Caragh Brosnan, University of Newcastle, Australia

115. Mixing and Matching: Interdisciplinarities, Case Studies and Emergence

Single Paper Submission
Open Panel
9:00 to 10:30 am
ICC: E3.5
Participants:

116. Public engagement in science and technology policy 1
Papers for Open Panels/Public engagement in science and technology policy
Open Panel
9:00 to 10:30 am
ICC: E3.6
Participants:

Are we talking to the public about emerging quantum technology? Tara Roberson, Centre for Public Awareness of Science

Constructing Public Engagement: Unexamined Assumptions In Framing Science And Technology Policy Problems Christian Ross, Arizona State University

Expertise in Public Engagement Leah Sprain, University of Colorado Boulder

Moving across national borders? The Europeanization of the Anti-Biotech Movement Franz Seifert, University of Vienna

Public Engagement: The case of stakeholder committees in research organisations in France Lucile Ottolini, INRA / INERIS

Public understanding and engagement in China: case study of the AI technology Yan Li, National Academy of Innovation Strategy, China Association for Science and Technology; Xuan LIU, National Academy of Innovation Strategy, China; Hongwei Wang, National Academy of Innovation Strategy

Chair: Franz Seifert, University of Vienna

117. Doing STS in post-Soviet world: The regression of progress
Papers for Open Panels/Doing STS in post-Soviet world: The regression of the progress
Open Panel
9:00 to 10:30 am
ICC: E3.9
Participants:

Cultural Characteristics of Technological Entrepreneurship in Russia Olga Bychkova, European University at St.Petersburg

In Search for New Identity of Science Communicators in Russia: Between Science Propaganda and Popular Science Communication Andrey Kochnov, Higher School Of Economics, Moscow

Mechanisms of a Social Construction of Alternative Urban Expertise in St. Petersburg Svetlana Moskaleva, European University at St.Petersburg

Sociotechnical discrepancies in the Russian digital economy Lilia Zemnukhova, European University at St.Petersburg; Sociological Institute of FCTAS RAS

Chair: Olga Bychkova, European University at St.Petersburg

Discussants:

Svetlana Moskaleva, European University at St.Petersburg

Lilia Zemnukhova, European University at St.Petersburg; Sociological Institute of FCTAS RAS

118. Environmental Risks in Transnational Contexts I
Papers for Open Panels/Environmental Risks in Transnational contexts
Open Panel
9:00 to 10:30 am
ICC: E5.1
Participants:

A Study of the Cognitive Structure of Environmental Risk in China chenggang zhang, School of social sciences, Tsinghua university, Beijing, China, 100084

China's Social Drives of Environmental Technology Introduction: A Case Study of UASB in Beer Industry Guo Qinshuo, Institute of STS, Tsinghua University, Beijing, China; Yang Jian, Institution of STS, Tsinghua University, Beijing, PRC


Oil Exploration and Sea Degradation: Musical Narratives from Niger Delta Region of Nigeria Olusegun Stephen Titus, Department of Music, Obafemi Awolowo University

On Environmental Risk Communication: Case studies of water contamination in China Jianxun chu, University of Science and Technology of China

Understanding “Public” and Public Understanding of Renewable Energy Technologies in India Aviram Sharma, Nalanda University

119. Markets, minds and morals: tech ethics and machine intelligence
Papers for Open Panels/Markets, morals and minds: Tech ethics and cognition
Open Panel
9:00 to 10:30 am
ICC: E5.10
Participants:

Machine Learning and Re-consent: The Tech Ethics of Transcription Services and Digital Labs Amanda Windle,
121. Climate, Science and Empire: Bridging Historical and Current Developments
Papers for Open Panels/Climate, science, and empire: Bridging historical and current developments
Open Panel
9:00 to 10:30 am
ICC: E5.3
Participants:
‘Climate Does Not Change’: Agricultural Capitalism, Climatology, and the Stabilization of Climate, 1850s-1900 Zeke Baker, University of California, Davis Farming Outside the Lines: Rain Follows the Plow in 21st Century Art and Popular Culture Susan Elizabeth Swanberg, University of Arizona Indigenous knowledges and adaptation to a changing climate Sophie Adams, UNSW Scientific Mistrust in the Melting Cordillera Blanca Courtney

122. ‘Evidence-making intervention’: transforming implementation science 1
Papers for Open Panels/‘Evidence-making intervention’: transforming implementation science
Open Panel
9:00 to 10:30 am
ICC: E5.4
Participants:
Performing ‘Evidence’ at Scientific Conferences: the Making of Treatment Promise in the Hepatitis C Elimination Era Kari Lancaster, UNSW Australia Data as Practice: Measuring Outcomes in Australian Poverty Interventions Kylie Valentine, UNSW Evidence-Making in Expert Accounts of Cancer Screening: Views of Australian Health Professionals Kiran Piemar, Monash University; Alan Petersen, Monash University; Diana M Bowman, Arizona State University; Stephen Derrick Qualifying Leakgy Vaccines: The Case of a Malaria Vaccine Janice Graham, Dalhousie University; Koen Peeters Grietens, Antwerp Institute of Tropical Medicine Generating “evidence-based guidelines” in integrated care programs: translations and requalifications Nathan Charlier, University of Liege

123. Lost In Translation: (The Politics Of) Expertise In Legal And Regulatory Translation Spaces Session 1
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: E5.5
Participants:

Evelyn Cecale, University of California, Los Angeles (UCLA)
Sustainable accounting mechanism : approach for bridging historical and current developments in globalized era Md. Hafiz Iqbal, Government Edward College, Pabna-6600, Bangladesh
The Mekong Delta Plan and the transnational governance of climate change adaptation in Vietnam Jacob Weger, University of Georgia
125. Messing with Methods in More-than-Human Worlds I
Papers for Open Panels/Messing with Methods in More-than-Human Worlds
Open Panel
9:00 to 10:30 am
ICC: E5.7
Participants:
Aalok Khandekar, Indian Institute of Technology Hyderabad

Chair:
Larissa Hjorth, RMIT

Papers for Open Panels/Bioeconomies – Life, Technology, and Capital in the 21st century
Open Panel
9:00 to 10:30 am
ICC: E5.8
Participants:
Bioprospecting Networks and Biotech Knowledge Economies
Alberto Eduardo Morales, University of California Irvine

‘Having a structuring effect on Europe’. The Innovative Medicines Initiative and the Construction of the European Health Bioeconomy Luca Marelli, IEO

The Good Economy: From What The Bioeconomy Is To What The Bioeconomy Does Kristin Asdal, TIK, Centre for Technology, Innovation and Culture; Béatrice Cointe, TIK Centre for Technology, Innovation and Culture, University of Oslo; Bård Hobæk, TIK Centre for Technology, Innovation and Culture, University of Oslo; Tone Huse, TIK Centre for Technology, Innovation and Culture, University of Oslo; Tommas Mäløy, TIK Centre for Technology, Innovation and Culture, University of Oslo

The Networks we see vs the Networks we have: Key Actors and Discourses in Germany’s Wood-Bioeconomy Alex Giurca, Chair of Forest and Environmental Policy, University of Freiburg

The New Biopolitics of Eating: Meat Biofabrication and the Post-Animal Bioeconomy Elisabeth Abergel, Université du Québec à Montréal

 Conjuring bioeconomies through frictions Pierre Delvenne, Université de Liège (SPIRAL)

Chair:
Stephanie Vasko, Michigan State University

Sara Lafuente Funes, Institute of Public Goods and Policies (IPP) - Spanish National Research Council - CSIC

127. Post-Cyber Feminism: Mutations in Australian Feminist Technoscience
Papers for Open Panels/Post-Cyber Feminism: Mutations in Australian Feminist Technoscience
Open Panel
9:00 to 10:30 am
ICC: E5.9
Participants:
A SPELL TO BIND ALL MALE CONFERENCE PANELS: A site specific performance/paper Linda Stupart, University of Reading

Big Mother Infrastructures: The (I)Logics of Invisible Provision Zoe Sofoulis, Institute for Culture and Society, Western Sydney University

Alien Nation: Tracing The Other in Xenofeminism Xiaoran Shi, Independent scholar

Between/ Around Nicholas Brocchi, Griffith University

Creative mutations: queering cyber-feminisms in artistic research Anna Helme, University of Melbourne

Flesh Machine and Mutant Bodies: Lab-Grown Life in Australian Feminist BioArt Elizabeth Stephens, University of Queensland

Chairs:
Sally Olds, University of Melbourne
Emma Black, University of Queensland
Thao Phan, University of Melbourne, Australia

128. Exploring Approaches to Catalyzing Transdisciplinary Engagement
Papers for Open Panels/Exploring Approaches to Catalyzing Transdisciplinary Engagement
Open Panel
11:00 to 12:30 pm
ICC: C2.1
Participants:
Building Transdisciplinary Research Communities: Re-envisioning “Community” Engagement Stephanie Vasko, Michigan State University

Commons Wealth: Integrative Design Catalyzing Community Solar from Uni, to Muni, to State Jeffrey R. S. Brownson, Penn State University

Stem Cells and the Dilemmas of Representation : Museums Choices and Changes Guy Saez, CNRS/IEP Grenoble; Virginie Tournay, SciencesPo

The role of Open Value Networks in Catalyzing Transdisciplinarity Ele Jansen, University of Technology Sydney; Jacqui McManus, Faculty of Transdisciplinary Innovation, University of Technology Sydney; Susanne Pratt; Monique Potts, Faculty of Transdisciplinary Innovation, University of Technology Sydney; Katie Ross, Institute for Sustainable Futures, University of Technology Sydney

Transdisciplinarity: From Policy to Practice? The Case of the Centre for Digital Life Norway Maria Bårdsen Hesjedal, Institute for Interdisciplinary Studies of Culture, NTNU; Heidrun Am, Norwegian University of Science and Technology

Chair:
Stephanie Vasko, Michigan State University
129. TRANS-disciplinary Research Through STS Practice Part 2
Papers for Open Panels/TRANS-disciplinary research through STS practice: The co-creation of knowledge and collaboration
Open Panel
11:00 to 12:30 pm
ICC: C2.2
Participants:
Doing Narrative Science - A TRANS (disciplinary) strategy
Greg Williams, Charles Darwin University
Evolutionary Thought and Transdisciplinary Practices Chessa Adsit-Morris, University of California, Santa Cruz
Māori Views on Novel Biotechnologies for Controlling Pest Wasps in Aotearoa-New Zealand Ocean Mercier, Victoria University of Wellington
Re-configuring relationships and practice for sustainable change
Virginia Baker, NZ; James Ataria, NZ
The influence of science funding agencies in fostering the co-creation of knowledge for use James Arnott, Aspen Global Change Institute
Understanding the Emergence of a Hybrid Knowledge Production Discourse: The Case of the Generation Challenge Programme (GCP) Drought Tolerant Rice Research in India SOUTRIK BASU, Institute of Development Studies Kolkata

130. Doing Cosmopolities: Exploring everyday potentials within STS research
Closed Panels
Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: C2.3
Participants:
Karrabing Filmmaking and the Aesthetic of Survivance
Elizabeth Povinelli, Colombia University
The cosmopolitical of Indigenous Artistic intervention Brit Kramvig, Arctic University Norway
Surrendering to the pull, inhabiting subterranean water worlds
Andrea Ballestero, Rice University
Feeling our way: Experiential practices of Cosmopolitical inquiry Endre Dányi, Goethe University, Frankfurt am Main; Michaela Spencer, Charles Darwin University

Discussants:
Marisol de la Cadena, UC Davis
Helen Verran, Charles Darwin University, Casurina, NT

131. Racialised bodies and knowledges
Single Paper Submission
Open Panel
11:00 to 12:30 pm
ICC: C2.4
Participants:
Sequencing Profits, Race And Identity: An Analysis Of Direct-To-Consumer Genetic Testing Of Ancestry Hined A Rafeh, Rensselaer Polytechnic Institute
Difference and Disease: Medicine, Race, and the Eighteenth-Century British Empire Suman Seth, Cornell University
From Boundary to Folded: the Spatial/Temporal Movements of Anthropometric Measurement Technologies and the Interfolding of “Race” and “Caste” Thiago Pinto Barbosa, Leibniz-Zentrum Moderner Orient
Sport science and the (re)production of biological ‘race’ Brent McDonald, Victoria University
Trade, War, Law, And The Creation Of Knowledge In Seventeenth Century Bombay Jessica Price, Cornell University
Hair, Hormones & Ghosts: How Race is Submerged in Polycystic Ovary Syndrome Elizabeth Carlin, CUNY Graduate Center; Brandon Kramer

Chair: Hined A Rafeh, Rensselaer Polytechnic Institute

132. Trans-organisational Collaboration in Different Sectors: Epistemic Values and the Dynamics of Co-production
Papers for Open Panels/Trans-organisational collaboration in different sectors: epistemic values and the dynamics of co-production
Open Panel
11:00 to 12:30 pm
ICC: C2.5
Participants:
Competition and the Transformation of Academic Labs in Biomedical Sciences in the 1980s Annalisa Salonius, Independent Scholar, formerly University of Pennsylvania
Connecting People, Things and Values: Public/Private Research Relations Jane Vedel, Copenhagen Business School; Andrew Webster, University of York
Indoor Innovation. A distinctive Mexican brand of technology transfer? Jose Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla; Wietse De Vries Meijer, Benemérita Universidad Autónoma de Puebla
The Challenges and Potential for Collaboration Wind Energy Scientists and Engineers and Environmentalists Nicolas Hernandez, The University of Texas at El Paso
Research Policy As Industry Policy: Reconfiguring Scientific and Social Value(s) in Australian Medical Research Georgia Miller, UNSW; Matthew Kearnes, Environmental Humanities Programme, School of Humanities and Languages, University of New South Wales; Declan Liam Kuch, University of New South Wales

Chair: Jane Vedel, Copenhagen Business School
Discussant: Matthew Kearnes, Environmental Humanities Programme, School of Humanities and Languages, University of New South Wales

133. The Making of Asian Science: Comparative and Historical Perspectives
Papers for Open Panels/Is there such a thing as Asian science?
Open Panel
11:00 to 12:30 pm
ICC: C2.6
Participants:
"Asian Science", as understood by Western-trained, Asian-born Scientists Anju Mary Paul, Yale-NUS College

Cultures of Science in developing countries: a vision from China’s practice Ji Zhao, National Academy of Innovation Strategy; Hongwei Wang, National Academy of Innovation Strategy
Evolution of Agricultural Science, Scientist and Knowledge Mobility: A perspective from Colonial Bengal Pankaj Sarkar, Tata Institute of Social Sciences, Mumbai, India

Re-discovery, Misunderstanding And Dispute On Taoist Influence On Chinese Modern Science Yang Weiyu, National Academy of Innovation Strategy, CAST, China

Institutionalisation And Professionalisation of Science in Pre-Independence Era: A Case of Indian Science Congress Association Sneha Sinha, Jawaharlal Nehru University

Origin and Operation of the Chinese Academy of Engineering: An Interaction between Expertise and Politics Nan Wang, University of Chinese Academy of Sciences

134. Emerging forensic technologies

Papers for Open Panels/Emerging forensic technologies

Open Panel
11:00 to 12:30 pm
ICC: E3.1

Participants:

Calculative Practices And The Psychology Of Terrorism: Transparency And Governance In The UK's PREVENT Programme Denis Fischbacher-Smith, University of Glasgow

Expectations and disappointment for forensic technologies: A Comparative study on development of forensic DNA analysis Mai Suzuki, The University of Tokyo

Forced Electronic Monitoring and Forensic Mental Health Patients Constanse MacIntosh, Schulpich School of Law

Old Wine in New Bottles? Forensic Anthropology and Metric Ancestry Estimation Sarah Freundt, Freiburg University

The (De)materialization of Criminal Bodies Through Forensic DNA Phenotyping Rafaela Granja, Communication and Society Research Centre (CECS); Filipa Queiros, Communication and Society Research Centre (CECS) / University of Minho, Portugal; Helena Machado, Communication and Society Research Centre (CECS) / University of Minho, Portugal

The Role of the Internet in Violent Extremism: Analyzing the Interplay Between Online and Offline Worlds Saimum Parvez, The University of Sydney

Chair:
Rafaela Granja, Communication and Society Research Centre (CECS)


Open Panel
11:00 to 12:30 pm
ICC: E3.10

Participants:

Current Internationalization Policies And Its Impacts On The Practices Of A Global South Scientific Community Maria Cristina de Oliveira Cardoso, UFRJ - HCTE; Claudia Santos Turco, HCTE-UFRJ / FIOCRUZ; Edmar Machado Braga Filho, Federal University of Rio de Janeiro; Marcos Fialho Carvalho, UFRJ - HCTE; Heloisa Helena Costa, Universidade Federal Fluminense; Denise Cristina Alvares Oliveira, Federal University of Rio de Janeiro - UFRJ;

JULIANA COUTINHO OLIVEIRA, HCTE-UFRJ; Eduardo Nazareth Paiva, Universidade Federal do Rio de Janeiro

Can the open science debate help to achieve a common understanding of values and evaluation? Tamara Heck, University of Southern Queensland

Establishing Excellence in Collective Efforts: The Case of Experimental High-Energy Physics Helene Sorgner, Alpen-Adria-Universität Klagenfurt / Wien / Graz

The Construction of Academic Excellence and University Responsibility in Taiwan Ming-Te Peng, Goldsmiths

Gendered Representations of Excellence in Evaluation Discourses and Practices in Academia Andrea Wolfram, RWTH Aachen University

Dramatic interaction between professors and students within educational technology. Ivan Chiue, PolyU

Chair:
Marie Sautier, University of Lausanne

Discussant:
Grit Laudel, TU Berlin

136. Disrupting, broadcasting and commercializing science

Single Paper Submission

Open Panel
11:00 to 12:30 pm
ICC: E3.2

Participants:

An Archaeology of Mindhunting: Portraits of the Serial Profiler as a Figure of Reflexivity Frederic Claisse, Université de Liège

Becoming Heisenberg: The serialized enactment of science Anne-Mette Bech Albrechtslund, Aalborg/Aarhus University; Anders Albrechtslund, Aarhus University

Brand Deals And Patrons: Alternate Funding Structures In Science Content On Youtube Brian Pleasants Harper, Indiana University Bloomington

Disruptive Innovation, Predictive Analytics, and the Soft Determinism of the Fourth Industrial Revolution Grant Fisher, Korea Advanced Institute of Science and Technology (KAIST); HyoJeong Han, Korea Advanced Institute of Science and Technology (KAIST); Richard Sung, Korea Advanced Institute of Science and Technology (KAIST)

Monies, transactions, and relationship-building among Japanese academic bio-scientists – reconsidering the “economic logic” of commercialization Nahoko Kameo, New York University Department of Sociology

Retrospect and Prospect: Science Diplomacy Practice in China Lei Shi, National Academy of Innovation Strategy

Chair:
Nahoko Kameo, New York University Department of Sociology

137. Personhood, Law, and Relationality Amidst the New Biosciences II

Papers for Open Panels/Personhood, law and relationality amidst the new biosciences

Open Panel
11:00 to 12:30 pm
ICC: E3.3

Participants:

Racial Futurity: Biologality and the Question of Black Life Nadine Ehlers, University of Sydney
139. STS Institutes and Programs: What's working? What's Not?
What's next?
Papers for Open Panels/STS Institutes and Programs: What's working and what do we want to do next?
Open Panel
11:00 to 12:30 pm
ICC: E3.5
Participants:
- Integrating Engineering Education with the Liberal Arts David E Drew, Claremont Graduate University; Louis Larry Bucciarelli, MIT
- Helping technologists to teach themselves ethics Greg Adamson, IEEE SSIT
- The EcoEd Research Program: Infusing STS into a Cascade Model of Ecological Education Brandon Costelloe-Kuehn, RPI
- A postgraduate minor programme in STS for promoting interdisciplinary collaboration in Japan Mitsuru Kudo, Osaka University
- Trans-Continental Lessons in Problem-Centred STS Institution

Building Joan Leach, Australian National University; Sujatha Raman, The Australian National University
Going Down the Rabbit Hole: Adventures, Reflections and Confessions of a Newcomer to the Science Technology and Society Realm Jeffry Will, University of North Florida
Chair:
Allison Marsh
Discussant:
Allison Marsh

140. Public engagement in science and technology policy 2
Papers for Open Panels/Public engagement in science and technology policy
Open Panel
11:00 to 12:30 pm
ICC: E3.6
Participants:
- STEP into the Future. Adventures in Technoscience Public Engagement in Australia Alice Wendy Russell, Australian National University; Nicola J Marks, University of Wollongong
- Technologies of Global Citizenship Formation: Focused on World Wide Views on Climate and Energy 2015 in Korea Young Hee LEE, The Catholic University of Korea
- The Modes and Mechanisms of Public Engagement in Science and Technology Policy in China — —Based on case studies of Public Engagement in GM Crops Chunliang Fan, Institutes of Science and Development, Chinese Academy of Sciences
- Toward the Politics of Co-Creation Mikko Rask, University of Helsinki; Nina Kahma, University of Helsinki; Susanna Ida Maria Vase, Post-graduate student
- Voluntarism as Public Engagement: the nuclear waste case Darrin Durant, University of Melbourne
Chair:
Camilo Fautz, Institute for Technology Assessment and System Analysis (ITA)

141. Viewing Cultural Traces of Science and Technology in Africa: Linking Past to Future for Appropriate Innovation
Papers for Open Panels/Viewing Cultural Traces of Science and Technology in Africa: Linking Past to Future for Appropriate Innovation
Open Panel
11:00 to 12:30 pm
ICC: E3.9
Participants:
- Bactéria isolate of hospital environment in Zinvié hospital from Benin (western africa) Résumé Afoussatou AMADOU, DOUGNON Victorien
- City of Knowledge: Imagined African Scientific Futures and the Politics of Funding Marlee Tichenor, University of California, Berkeley
- Indigenous knowledge, innovations and the role of infrastructure: the case of NIPRISAN Emmanuel Ejim-Eze, Institute of Engineering, technology and innovation Management
- Innovation and the Production of Surgical Knowledge in a Nigerian Teaching Hospital Seminar Kathryn Rhine, University of Kansas
- Theorising Partiality & Plurality in Science Mythily Meher,
143. Sensing beyond borders
Papers for Open Panels/Sensing beyond borders
Open Panel
11:00 to 12:30 pm
ICC: E5.10
Participants:
Becoming “Too Sensitive” to Vibration: Earthquakes, Mining, and Sensory Knowledges Shoshana M. K. Deutsh, Cornell University
Reading a Wave Buoy Stefan Helmreich, Massachusetts Institute of Technology (MIT)
Palimpsestic Refusals: Vaccination and Felt Protection in Barbados Nicole Charles, University of Toronto
Sticky objects: towards an imploded global history of sensory education in medicine Anna Harris, Maastricht University; John Nott, Maastricht University
Tainted Flesh, Tangled Waters Christy Spackman, Harvey Mudd College
Sensing Food Safety at the Border Heather Paxson,

144. ‘Doing Time’: Temporal Imaginaries, Performances, Practices, Infrastructures
Closed Panels
Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: E5.2
Participants:
Trading with beamtime: Temporal economy in experimental physics Filip Vostal, Institute of Philosophy of the Czech Academy of Sciences
Academic waiting games: A paradox in an accelerated academy? Ulrike Felt, University of Vienna, Department of Science and Technology Studies
The experimental rhythms of academic work Fabian Cannizzo, RMIT University
Time to think about future times: Investigating slowness in our contemporary academy Nick Osbaldiston, College of Arts, Society and Education, James Cook University
The performativity of permanent and temporal practice: The role of technology infusion Natalie Hardwicke, University of Sydney
Chair: Ulrike Felt, University of Vienna, Department of Science and Technology Studies

145. Time of Predictions
Papers for Open Panels/Time of Predictions: Temporality Within Climate and Weather Sciences
Open Panel
11:00 to 12:30 pm
ICC: E5.3
Participants:
Assessing history’s contribution to adaptation science George Adamson, King’s College London
Risk as problem: The impossibility of prediction Nicholas B. de Weydenthal, University of Melbourne
Asthmatic Attunement, Pollen Forecasting, and the Time of Climatic Epistemologies Ali Kenner, Drexel University
From Climate Futures to Escalating Presents: The End of Risk Society? Leo Matteo Bachinger, Rensselaer Polytechnic Institute
Environmental Amnesia as an Effect of Rhythmic Temporal Experience: The Dissonance of Climate Change Ryan Kresge, Ithaca College
Chair: Timothy Neale, Deakin University

146. ‘Evidence-making intervention’: transforming implementation science 2
Papers for Open Panels/‘Evidence-making intervention’: transforming implementation science
Open Panel
11:00 to 12:30 pm
ICC: E5.4
Participants:
Making ‘Online Counsellings’ Through Policy and Practice: Multiplicity, Friction and the Potential for Advocacy
149. Messing with Methods in More-than-Human Worlds

On The Construction Of Evidence: Medical Practices Of Identifying Sexual Violence Ulrike Tikvah Kissmann, University of Kassel

Understanding context and content in patient handover: An evidence-making intervention Serena Small, Simon Fraser University; Ellen Balca, Simon Fraser University, Canada

The Master’s Tools: Challenging Protocols by Advocating for Evidence in California’s Birth Worlds Andrea Ford, University of Chicago

Between Boundary Objects and Trading Zones: Fugitive Thinking on the Cusp of Educational Policy and Practice. Andrew McLachlan, The University of Sydney

Using SCOT Insights to Study Innovations in Organizational Routines: The Case of Protest Policing Protocols Jennifer Earl, University of Arizona

Chair: Kari Lancaster, UNSW Australia

147. Lost In Translation: (The Politics Of) Expertise In Legal And Regulatory Translation Spaces Session 2

Closed Panels

Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: E5.5

Participants:
(Don’t) Frack your Mother: Gender politics in the Fracking Debates Kristen Abatis McHenry, Spelman College

Expert Capacity in Citizen Science Collaborations Gwen Ottinger, Drexel University; Kristen Kepics, Drexel University

Pluralizing the Relationships of Public Trust in Science Heidi Grasswick, Middlebury College

STS and Post-Truth Francis Remedios, Independent Scholar

Experimental developments Sophie Webber, University of Sydney

Chair: Jaz Hie-jeong Choi


Papers for Open Panels/Bioeconomies – Life, Technology, and Capital in the 21st century

Open Panel
11:00 to 12:30 pm
ICC: E5.8

Participants:
Bioeconomies of Egg Provision in the United States and Spain: Comparing Medical Markets and Implications for Donor Care Diane Tober, University of California, San Francisco; Vincenzo Pavone, Consejo Superior Investigaciones Cientificas (CSIC)

From ARTs to TRCs: Ego donation as key for the Spanish reproductive bioeconomy Sara Lafuente Funes, Institute of Public Goods and Policies (IPP) - Spanish National Research Council - CSIC

Perverse Markets: How the expanding ART bioeconomy in India contributes to the infertility-burden. Bronwyn Parry, King’s College London; Rakhi Ghoshal, Auro University Surat, India

Printing the body of the future: The bioeconomics of human bioprinting Céline Lafontaine, University Of Montreal

Regimes of value in the development of genetic tests, 1960 to the present Steve Sturdy, University of Edinburgh

The Political Economy of Transnational Ova Provision: The Case of Ukrainian Market of Ova and Its Global Connections Polina Vlasenko, Indiana University

Chair: Tess Doezema, Consortium for Science, Policy and Outcomes

151. SpiralSpace: Atemporal Approaches to Post-Cyberfeminism

Closed Panels

Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: E5.9

Participants:
Scrap Metal and Fabric: Weaving as Temporal Technology Amy Ireland, University of New South Wales

Retro Chronomancy: Eschewing the Linear Temporal Alice Farmer, New Centre for Research And Practice

The stream inside the stream: eroding cyberfeminisms Virginia
Barratt, Western Sydney University
Codeworked poetry Linda Dement, Artist

Chairs:
Sally Olds, University of Melbourne
Emma Black, University of Queensland
Thao Phan, University of Melbourne, Australia

Discussant:
Francesca Da Rimini, University of Technology Sydney

152. Bernal Lecture
Plenary Session
11:00 to 12:30 pm
ICC: Parkside 1

Participants:
Bernal Lecture, Trevor Pinch, Cornell University

153. Transformed Academic Careers
Lunchtime Workshop
12:30 to 2:00 pm
ICC: C2.4

Chair:
Marie Sautier, University of Lausanne

154. Australian-French STS Researcher Networking
12:30 to 2:00 pm
ICC: C2.5

Chair:
Jan Hayes

155. Indigenous STS Plenary
2:00 to 3:30 pm
ICC: Parkside 1

Participants:
Indigenous STS Plenary Kim TallBear, University of Texas at Austin
Indigenous STS Plenary Kyle Whyte, Michigan State University
Indigenous STS Plenary Marama Muru Lanning, University of Auckland

Discussants:
Kyle Whyte, Michigan State University
Lynette Russell, Monash University
Marisol de la Cadena, UC Davis
Marama Muru Lanning, University of Auckland
Kim Tallbear, University of Alberta

156. Awards Plenary
Plenary Session
4:00 to 5:30 pm
ICC: Parkside 1

157. 4S Sydney 2018 Banquet
Special Event
7:30 to 9:30 pm
Museum of Applied Arts & Sciences: Turbine Room

Featuring ‘Critical Gelatin Studies Workshop,’ Lindsay Kelley, UNSW

158. Affordances and Architectures: A Materialist Approach to Design 1
Papers for Open Panels/Affordances and Architectures: A Materialist Approach to Design

Open Panel
9:00 to 10:30 am
ICC: C2.1

Participants:
Affective Affordances in Multisensory Computing Erika Kerruish, Southern Cross University
A Theatre of Digital Designing Allen Higgins, University College Dublin
Consolidating Database of Digitalising Healthcare Service Zheng Li, NAIS, CAST; Xingqin Zhang, Peking Union Medical College; Shanshan Mei, Xi’an Medical University; Hui Luo, National Academy of Innovation Strategy, CAST; Zhengfeng Li, School of Social Sciences, Tsinghua University
Digital work practices: affordances in design education Cathy Lockhart, University of Technology Sydney; Thomas Lee, University of Technology Sydney; Alexandra Crosby, University of Technology Sydney; Fiona Peterson, RMIT
Doing Time in the Home-Space: Tamper Proof Ankle Monitors, Affordances and Anticipatory Methodology Sunheel Jethani, University of Melbourne

Chair: Jenny L Davis, The Australian National University

159. Science and activism: Medical approaches
Papers for Open Panels/Science and Activism: Trans-Disciplinary

STS Approaches
Open Panel
9:00 to 10:30 am
ICC: C2.2

Participants:
Democratising Science By Removing Secrecy Alice Williamson, The University of Sydney
Patient narratives as a form of activism in the market of unproven stem cell treatments Claire Tanner, The University of Melbourne; Alan Petersen, Monash University; Megan Munsie, The University of Melbourne
Exploring the meaning of pro-vaccination activism across two countries Samantha Vanderslott
Biology as an insider science: Sexual minorities and the genetics of sexual orientation. Guaspare-Carton Catherine, CNRS, UMI Epidapo
Trans and gender divers activism and the making of trans medicine in Italy Olivia (Roger) Fiorilli, IFRIS, Cerme3
Getting Under Your Skin: The Science of Implicit Bias on Screen Beck Wise, University of New England, Australia

160. Author Meets Critics Fleck Book Prize for "Breathing Race into the Machine" by Lundy Braun
9:00 to 10:30 am
ICC: C2.3

Participants:
Daniel Breslau Daniel Breslau, Virginia Tech
Tania Perez-Bustos Tania Pérez-Bustos, National University of Colombia
Shobita Parthasarathy Shobita Parthasarathy, University of Michigan

161. Indigenous Knowledges And Technologies 1
Papers for Open Panels/Indigenous Knowledges and Technologies
Open Panel
9:00 to 10:30 am
ICC: C2.4
Participants:
Accounting for effective YoLu Ranger work: emergent criteria from the evolution of ‘both-ways’ knowledge practices
Margaret Leanne Ayre, University of Melbourne; Jonathan Wearne, Dhimarru Aboriginal Corporation; Djalinda Yumupinga, Dhimarru Aboriginal Corporation; Greg Wearne, Wearne Advisors; Cheryl O'Dwyer, Batchelor Institute of Indigenous Tertiary Education
Doing the work of ‘working together’: collaboratively enacting Indigenous land management in central Australia
Jennifer Macdonald, Charles Darwin University; Beau Austin, Charles Darwin University
Integrating Indigenous Knowledge and Local Customs with Scientific Technology for the Protection of Environment Degradation and Natural Hazards
EVA JYOTI LAKRA, CENTRAL UNIVERSITY OF JHARKHAND; diwakar kumar, central university of gujarat
Rethinking sustainability: towards an Indigenous-led approach to sustainable community development
Marisol Campos-Navarrete, Trent University; Asaf Zohar, Trent University
Storying The Past: Archeology in Ontario after the Truth and Reconciliation Commission
Nicholas van Beek, Trent University
The revitalization of a shamanic land ethic
Daniel G. Cooper, University of Oxford
Chair:
Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

162. Being Religious, Being Scientific: The Dynamics Of Science And Religion In The Laboratory - 1
Papers for Open Panels/Being religious, being scientific: the dynamics of science and religion in the laboratory
Open Panel
9:00 to 10:30 am
ICC: C2.5
Participants:
Desecularization of Activities of Muslim Scientists as a STS-oriented Coexistence of Islam and Science
Najmoddin Yazdi, The research institute for Science, Technology and Industry Policy (RISTIP); Sharif University of Te; Ali Maleki, The research institute for Science, Technology and Industry Policy (RISTIP); Sharif University of Te
Dr Saha and Mr Roy : Science, Religion And A Bitter Debate In Inter-War Bengal
Madhumita Mazumdar, DAICT, Gandhinagar, Gujarat India
Looking for the Evidence of Self-Evident Truth: Creation Science as an Evidence-Producing Activity
Junoh Jang, Seoul National University, Republic of Korea
Making Indian Knowledge Systems Religious and Superstitious: Nehru's Engagement with Ayurveda
RENNY THOMAS, Jesus and Mary College, University of Delhi
Negotiating the boundary between science and religion in modern rational institutions
Pia Vuolanto, University of Tampere Research Centre for Knowledge, Science, Technology and Innovation Studies; Ali Qadir, University of Tampere, Finland; Tatiana Tiaynen-Qadir, University of Tampere, Finland
Discussant:
Doru Costache, Sydney College of Divinity

163. Travelling knowledge (I): concepts, practices and institutions
Papers for Open Panels/Travelling knowledge: theories, methods and empirical research made in circulation
Open Panel
9:00 to 10:30 am
ICC: C2.6
Participants:
Indonesia’s Knowledge Travellers: the Habibie Scholarship Alumni
Anto Moinsh, Northwestern University in Qatar
Millenarian Metropoles: Science, Empire, and the Production of Novelty in Contemporary Liberalism
Aaron Neiman, Stanford University
Naming Institution After Neologism As Marker Of The Institutionalization Of New Discipline
Philippe GORRY, University of Bordeaux
On “Arbitrariness” of World University Rankings
Masashi Shirabe, Tokyo Institute of Technology
The Transatlantice Travel of Creative Ideation to Post-War Europe
Bregie F. van Eekelen, Institute for Advanced Study, Princeton
International Educational Assessment as a Device for the Circulation of Knowledge and Global Governmentality
Claudio Ramos Zincke, Universidad Alberto Hurtado; Alejandro Falabella, Universidad Alberto Hurtado
Chair:
Claudio Ramos Zincke, Universidad Alberto Hurtado

164. Producing Transformations: Drugs, bodies, and experimentation 1
Papers for Open Panels/Producing Transformations: Drugs, bodies, and experimentation
Open Panel
9:00 to 10:30 am
ICC: E3.1
Participants:
Chemical practices: transformation and experimentation as part of LGBTQ Australians’ drug consumption
Dean Anthony Murphy, University of Sydney; Kiran Pienaar, Monash University; Kane Race, University of Sydney; Toby Lea, UNSW
Dangerous Affinities: The Silences in and Commitments of LARC Promotion in the US
Loes Knaapen, Université d’Ottawa
“Do those results from elsewhere apply?”: How American regulators question the validity of clinical trials conducted “elsewhere”
Anto Mohsin, Northwestern University in Qatar
Experimenting with Life Itself: Digital Drug Worlds and the Transformation of the “Human”
Melina Sherman, University of Southern California, Annenberg School for Communication & Journalism
From Visible to Invisible: Molecularization of Practice in Histopathological Diagnosis of Lung Cancer
Yeh-Han Wang, Institute of Science, Technology, and Society, National Yang-Ming University
Making naloxone: overdose, death, and community response in the United States
Peter J Davidson, University of California,
165. **Evaluative Actions: Exploring the doings of evaluation in evaluative systems 1**

Papers for Open Panels/Evaluative Actions: Exploring the doings of evaluation in evaluative systems

**Open Panel**

9:00 to 10:30 am

**ICC: E3.10**

**Participants:**

Chasing Two Hares at Once?: Innovating the Classroom with Datafied Performance

Hanbyul Jeong, KAIST

Clinical Registries as Strategic Experimenting Artifacts: The Case of ‘Top Zorg’ in the Netherlands

Jeroen Postma, Iris Wallenburg, institute for Health Policy and Management;

Roland Bal, Erasmus university rotterdam

Constituting ‘Societal Relevance’ in Transdisciplinary Collaborations

Andrea Schikowitz, University of Vienna

Disagreements about benzodiazepine use effects in Uruguay

Nancy Beatriz Calisto, Academic, University of the Republic (Uruguay);

Andrea Clara Bielli, Universidad de la República; Santiago Navarro, Universidad de la República, Uruguay; Marcela Jabin, no

Ecce Homo Academicaus: The Revaluation of Higher Education Values

J Britt Holbrook, New Jersey Institute of Technology

Economists and Economic Policy: The New Zealand Experience

Edwin Sayes, Nazarbayev University

**Chair:** Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)

Iris Wallenburg, institute for Health Policy and Management

166. **Well years, good years, quality years – calibrations and aggregations of daily living: Daily living**

Papers for Open Panels/Well years, good years, quality years – calibrations and aggregations of daily living

**Open Panel**

9:00 to 10:30 am

**ICC: E3.2**

**Participants:**

Measuring (what) Matters – Patient Rated Outcome and the making of experiencing patient publics

Henriette Langstrup, University of Copenhagen; Tiago Moreira, Durham University

Unfixable Brains: Attaining Normalcy in Daily Living with Seizures

Stefan Timmermans; Tanya Stivers, UCLA

Timing Care for People with Dementia: ADL and the Problem of Time in the Long-term Care Insurance Program in South Korea

Jieun Lee, University of Copenhagen

From Drugs to Life for Living for Drugs: viewing hospice care from an institutional/pharmaceutical perspective

Melody Pralong, University of Lausanne

When the clinic meets the classroom: the measurement and production of daily life for diabetic children in the school setting

Wenming Un, University of Sydney

“Is Morning Jogging or Night Jogging Healthier” : A Study on Controversy over Jogging

Canhui LIU, The Hong Kong University of Science and Technology

167. **Critical Data Studies: Ethics and Human Contexts of Data Science 1**

Papers for Open Panels/Critical Data Studies: Human Contexts and Ethics

**Open Panel**

9:00 to 10:30 am

**ICC: E3.3**

**Participants:**

A Theory of the Analog in a Digital Age

Emanuel Moss, CUNY Graduate Center

Locating ethic in different human contexts: just another integration problem?

Charlotte Mazel-Cabasse, UC Berkeley

Text Mining as Creative Différence

PATRICK James HERRON, Duke University

The passions and the p-values: overwhelming openness and the affective labor of radically public scholarship

R. Stuart Geiger, UC-Berkeley Institute for Data Science; Laura Noren, New York University

The stakes of defining data science

Laura Noren, New York University; R. Stuart Geiger, UC-Berkeley Institute for Data Science

Defining the Informatic Person - Exploring how Data Relationships are Created and Negotiated in Informatic Contexts

Ashlin Lee, Australian National University

168. **Data, computation and responsibility**

Single Paper Submission

**Open Panel**

9:00 to 10:30 am

**ICC: E3.4**

**Participants:**

Videogames, data and analytics

Ben Egliston, University of Sydney

Crowdsourcing and Blockchain-based Language Data Collection: critical reflections on a prototype system

Daniel McDonald, bitpanda GmbH; Austrian Academy of Sciences; Eveline Wandl-Vogt, Austrian Academy of Sciences

Retraction: The “Other Face” of Research Collaboration

Guangyuan Hu, Shanghai University of Finance and Economics; Li Tang, Fudan University; Cong Cao, University of Nottingham Ningbo China

An computational study on the fame of great minds in physics

Guoyan Wang, University of science and technology of China; Tang Li, Fudan University

Between Persuasion and Coercion: Situating Mandatory Influenza Vaccination Policy of Healthcare Personnel (HCP)

Rachel Gur-Arie, Ben-Gurion University of the Negev

Corporate accountability activities’ enactment of the algorithm multiple and institutional practices’ contribution to corporate monoglossia

Yoehan Oh, Seoul National University

**Chair:** Ben Egliston, University of Sydney

169. **Concepts and Practices of ELSI: 1. ELSI as a Political Terrain**

Papers for Open Panels/Concepts and Practices of ELSI:

Exploration of its plurality

**Open Panel**

9:00 to 10:30 am

**ICC: E3.5**

**Participants:**

San Diego

Chair: Kane Race, University of Sydney
170. Organisations, institutions and governance

Single Paper Submission
Open Panel
9:00 to 10:30 am
ICC: E3.6

Participants:
Organisational Interdependencies and Crisis Response in Sociotechnical Systems: A Case Study of Security Services Organisation Justyna Tasic, Nanyang Technological University
Exploring the role of scientific policy making in high-speed science research in China -- Choosing commercialisation of graphene as a case study xi cheng, University of Science and Technology of China
Decision Making Process in a High Energy Physics experiment Emiko Adachi, RIKEN
Policy implications for the improvement of Technology transfer and commercialization process in the Indian context Bhavisha P Sheth, Entrepreneurship Development Institute of India
Global pharma power as failure of the State? Registration, procurement and access to medicines in Northern India. Mathieu Quet, IRD

“Menyama Braya” on Digital Media: The Study of Disaster Communication in Bali, Indonesia Dian Tamitiadini, Universitas Brawijaya

Chair: Justyna Tasic, Nanyang Technological University

171. Turning (More) Things into Assets: Techno-economic TRANSformations 1

Papers for Open Panels/Turning (More) Things into Assets: Techno-economic TRANSformations
Open Panel
9:00 to 10:30 am
ICC: E3.9

Participants:
AngelList: Mass-Producing the Habitus to Assetize Jacob Hellman
Digital online music in China – a “laboratory” for business experiment Robin Williams, The University of Edinburgh; Xiaobai Shen, University of edinburgh

What’s Your Business Plan: The Technology Statement and Commodification in the Technology Incubators in Beijing Shih Ming Wu, Institute ofSTS, Tsinghua University
Science funding restrictions and corporate R&D: The case of cell therapy Hsini Huang, National Taiwan University; Simcha Jong, University College London
Asset Form, Asset Boundary, and Assetization in Technoscientific Capitalism Kean Birch, York University

172. How do governance mechanisms for science and technology travel across borders? 1

Papers for Open Panels/How do governance mechanisms for science and technology travel across borders?
Open Panel
9:00 to 10:30 am
ICC: E5.1

Participants:
3D Printing Governance: transitions of local, global, phsyible and digital imaginaries luke heemsbergen, Deakin University; Angela Daly, QUT; Thomas Birtchnell, University of Wollongong
Blinded by Technology? Genome Editing for Blindness and the Articulation of an Off-Target Problem Seungho Yang, Seoul National University; GA EUN LEE, Seoul National University; Doogab Yi, Seoul National University
Crossing Borders Through Agentic And Structural Efficacy Susanna Ida Maria Vase, Post-graduate student; Nina Kahma, University of Helsinki; Mikko Rask, University of Helsinki
Domestic chemical regulator behavior and international influences Stefan Lodewyckx, Swinburne University of Technology; Erica Coslor, The University of Melbourne
Friction in xenotransplantation: US and Australian regulatory responses to xenozoonosis Rachel Carr
From emulation to adaptation: nanotechnology policies in Argentina, Brazil and Mexico Noela Invernizzi, Universidade Federal do Parana; Guillermo Foladori, Universidad Autonoma de Zacatecas; Edgar Zayagao Lau, Universidad Autonoma de Zacatecas; Tomás Carrozza, Universidade Federal do Parana; Tomás Carrozza, Universidad Nacional de Mar del Plata; Josemarí Poerschke Quevedo, UFPR - Federal University of Paraná

Chair: Koen Beumer

173. Digital imperialism: Colonizing everyday lives in Global South I: Infrastructures of power

Papers for Open Panels/Digital imperialism: colonizing everyday lives in the Global South
Open Panel
9:00 to 10:30 am
ICC: E5.10

Participants:
Data Centers as Infrastructures of Empire Brett Neilson, Western Sydney University
Data, infrastructure, citizenship: of illegal immigration and a citizen identification project Khetrimayum Monish Singh, The Centre for Internet and Society
Dealing with Shortage, Overflow and Containment of “Information” when Disaster strikes: Case of Nepal’s 2015 Earthquake and its Responses Sohan Prasad Sha, Martin Chautari, Kathmandu, Nepal
174. Air Pollution Governance: Histories, Sites, Styles 1
Papers for Open Panels/Air pollution governance: Histories, sites, styles
Open Panel
9:00 to 10:30 am
ICC: E5.2
Participants:
Conflicting or complementing data? The soft institutionalization of community-based air monitoring in California. François Dedieu, National Institute for Agricultural Research; Sylvain Parasie, University Paris Est Marne la Vallée
Connecting the dots to Intelligible Action: Citizen Activism and Clean Air. Ehsan Sabaghi, Syracuse University, School of Information Studies; Kathleen Pine, Arizona State University; Maral Venkatesh, Syracuse University School of Information Studies
Governing spaces of exposure: data practices in medical and public health science and research. Emma Garnett, King’s College London
NOx Regulation in Germany And The Role Of Scientists In Consequence Of The VW Scandal. Sebastian Jakob, Leibniz Center for Science and Society University Hanover
Purity and Danger: Public Perceptions of Air Pollution from A Perspective of Cultural Anthropology. Wei Hong, Tsinghua University; Shuyan Wang, Tsinghua University

Chair: Aalok Khandekar, Indian Institute of Technology Hyderabad

175. Energy Transition for a Sustainable Future in East Asia
Papers for Open Panels/Energy Transition for a Sustainable Future in East Asia
Open Panel
9:00 to 10:30 am
ICC: E5.3
Participants:
Energy Security and Climate Change Governance in India. Pratishtha Singh, Freelance researcher
Exploring Innovation in Indian renewable energy sector: A case of solar photovoltaic technological innovation system perspective. Amikumar Singh Akoijam, Jawaharlal Nehru University (JNU) India
Is ecological democracy possible in the way toward energy transition?. The case of Shin-Kori 5 & 6 reactors construction in South Korea. Sun-Jin Yun, Seoul National University
Korea’s Sustainable Energy Future 2050: A Backcasting Approach. Jong Ho Hong, Seoul National University; Ji-tae Kim, Seoul National University; Won-ik Son, Seoul National University; Hee-young Shin, Seoul National University; Nahyun Kim, nhk@snu.ac.kr; Woong-gi Lee, Seoul National University; Jin-tae Kim, Seoul National University
Low-carbon transition of Chinese electricity system: what are the reasons, opportunities and barriers. Kejia Yang, SPRU, University of Sussex
“Sustainability is Democratic”: The Emergence of Local Renewable Energy Producers in Japan. Kyoko Sato, Stanford University

176. States of matter/matters of state: Amphibious scholars in technoscientific space
Papers for Open Panels/States of matter/matters of state: Amphibious scholars in technoscientific space
Open Panel
9:00 to 10:30 am
ICC: E5.4
Participants:
Interfasing or the new In-Between Spaces of Technology. Victor Marquez, Cornell University
Ambient Order and Topologies of Air Aftab Mirzaei, York University STS
Revisiting Matters Cryptography in the Atmosphere of (Post-)Cyber-Feminist Technosciences. Anastassija Kostan, University of Mainz/ University of Frankfurt Germany
The Verticality of Drilling: Construction, Destruction, and Disturbance. Eric Kerr, National University of Singapore; Malini Sur, Western Sydney University
Seeing Through Rocks: Rare Earth Elements in Media History. Zane Griffin Talley Cooper, University of Pennsylvania, Annenberg School for Communication
The dark synthetic sky: flying and dying in the analogue atmospheres of flight simulation. Peter Hobbins, The University of Sydney

177. Data worldings and post/colonial connectedness I
Papers for Open Panels/Data worldings and post/colonial connectedness
Open Panel
9:00 to 10:30 am
ICC: E5.5
Participants:
Data compositions and imperial formations. Antonia Walford, University College London; Tahani Nadim, Museum fuer Naturkunde
Building a National Criminal DNA Database: Spectacle and Routine in a Postcolonial African Data Worlding. Noah Tamarkin, Ohio State University
“Top up your health access”: when mobile phone operators offer health coverage to Sub-Saharan Africa. Marine Al Dahdah, Cermes3
The United Nations Population Fund, Data Infrastructure, and Demographic Worldings. Carole McCann, UMBC

Chair: Antonia Walford, University College London

178. Messing with Methods in More-than-Human Worlds III
180. Mobilizing identities, digital and otherwise
Closed Panels
Traditional (Closed) Panel
9:00 to 10:30 am
ICC: E5.8
Participants:
Making a refugee: Enrolment and agency in identity systems
Emrys Schoemaker, Caribou Digital
Nationality and residence: Defining being and belonging by identification systems in Cote d’Ivoire Savita Bailur, Caribou Digital

181. Latin American Science, Technology and Society: Women, Gender, and Sexuality Issues 1
Papers for Open Panels/Latin American Science, Technology and Society: Women, Gender, and Sexuality Issues
Open Panel
9:00 to 10:30 am
ICC: E5.9
Participants:
Including Latin American Women, gender, and sexuality perspectives: The positivist unity of science again? Sandra Harding, University Of California Los Angeles (Ucla)
Making care (multiple) in Maputo: Placing feminist STS in the African city Ramah McKay, University of Pennsylvania
Metaphors of Scale and Feminist Technosciences of More-than-Human Worlds Laura Foster, Indiana University - Bloomington
Planning Quechua Families And Imagining The Nation: Kinship, Citizenship And The Self In The Peruvian-Andes Rebecca Melanie Irons, University College London
Precarious Knowledge and Counterpublic Knowledge in Brazilian Transgender Movement Thiago Coacci, Federal University of Minas Gerais

182. Affordances and Architectures: A Materialist Approach to Digital Design 2
Papers for Open Panels/Affordances and Architectures: A Materialist Approach to Digital Design
Open Panel
11:00 to 12:30 pm
ICC: C2.1
Participants:
Investigating Vigilantism and Its Agency in a Reddit Collective of Websleuths: A Sociomaterial Approach David Myles, University of Montreal
Locative media, affordances and the duality of resources and routines Eric Lettkemann, Technische Universität Berlin; Ingo Schulz-Schaeffer, Technical University of Berlin
Material Constraints and Digital Affordances in a 'Smart' Educational Building Allister E Hill, RMIT University
Opening a Virtual Door: Enrolling Actors in Networks through Affordances in Video Games Valentin Kohlmeier, Hochschule Harz
SkillsFuture, total education, and the colonization of everyday life in Singapore Mark Baildon, Nanyang Technological University; Roberto de Roock, Nanyang Technological University
Social media, politics and the “accident” of speed Naomi Smith, Federation University Australia

Chair:
Soraya Boudia, University Paris Descartes

Chair:
Anne Galloway, Victoria University of Wellington

Chair:
Sandra Harding, University Of California Los Angeles (Ucla)
183. Science and activism: STS and the environment

Papers for Open Panels/Science and Activism: Trans-Disciplinary STS Approaches

Open Panel
11:00 to 12:30 pm
ICC: C2.2

Participants:
Rethinking activism: science and social science in conversation
Judy Motion, UNSW

For the love of coal. Post-truth politics and climate change in Australia
Vanessa Bowden, University of Newcastle

Flattening the World for Social Change: How STS studies is inherently a political activity
Hannah Cowan, London School of Hygiene and Tropical Medicine

Activism and engagement in the science of politics: Political Science as a site of STS analysis
Elizabeth A Lowham, California Polytechnic State University; Jane Lehr, California Polytechnic State University

Citizen-led digital infrastructures as an alternative to political ineffectiveness: the 2017 Mexico City earthquake
Luis Ignacio Reyes-Galindo, State University of Campinas - UNICAMP; Aline Guevara Villegas, Universidad Nacional Autónoma de México (UNAM); Isabel Flores López, Universidad Nacional Autónoma de México (UNAM); Jorge Sosa, Universidad Nacional Autónoma de México (UNAM)

Scientific Activism - A Challenge for STS Researchers
Ullica Christina Segerstrale, Illinois Institute Of Technology

184. STS Across Scale: 4S Meets Regional STS Organizations

Special Event
11:00 to 12:30 pm
ICC: C2.3

185. Indigenous Knowledges And Technologies 2

Papers for Open Panels/Indigenous Knowledges and Technologies

Open Panel
11:00 to 12:30 pm
ICC: C2.4

Participants:
A framework for learning and applying law based on indigenous knowledge
Erick Huerta Velázquez, Redes por la Diversidad, Equidad y Sustentabilidad A.C.

Communality and technological autonomy of the indigenous people of Oaxaca, Mexico
Carlos Francisco Baca Feldman, Redes por la Diversidad, Equidad y Sustentabilidad A.C.

Indigenising Foodscape: The Resurgence of Natural Farming of Tayal People and their Local Knowledge System in Taiwan
Yih-Ren Lin, Taipei Medical University

Internet Infrastructure as a Network of Relations, Devices and Expectations: A Lost Link Between an IXP and Indigenous Communities
Fernanda R. Rosa, American University

Investigating Indigenous Peoples’ Participation And Inclusion In Climate Action: An Examination Of Tweets From The UN Climate Forum
Alison Young, IUPUI, Human-Centered Computing; Angela P Murillo, IUPUI

The twain shall meet: making space for collaborations in indigenous knowledges and western science
Emily Hull, University of NSW; Leah Lui-Chivizhe, University of Sydney

Chair:
Tiago Ribeiro Duarte, University of Brasília

186. Being Religious, Being Scientific: The Dynamics Of Science And Religion In The Laboratory - II

Papers for Open Panels/Being religious, being scientific: the dynamics of science and religion in the laboratory

Open Panel
11:00 to 12:30 pm
ICC: C2.5

Participants:
For The Greater Glory Of God – Jesuits And The Debate On Genetically Modified Food Crops
Joseph Satish, University of Hyderabad, India

Orthodox chapels in Moscow hospitals
Tatiana Krihtova, Saint-Tichon’S Orthodox University

Science, State, and Spirituality: Scientific Creationism in South Korea
Hyung Wook Park, Nanyang Technological University

The Invention of Halal Stunning: A Techno-Moral History of Redefining Animal Welfare and Islamic Practices in the Laboratory
En-Chieh Chao, National Sun Yat-sen University

Discussant:
Doru Costache, Sydney College of Divinity

187. Travelling knowledge (I): health, disease and pharma

Papers for Open Panels/Travelling knowledge: theories, methods and empirical research made in circulation

Open Panel
11:00 to 12:30 pm
ICC: C2.6

Participants:
Collaboration networks for research towards medical device development in South Africa
Tania Douglas, University of Cape Town

Domesticity in Public Health Nursing Knowledge and Practice in Taiwan During 1945-1975
Zxy-Yann Lu, Zxyyann Jane Lu

Postcolonial Psychiatry and the Formation of Global Mental Health
David Robertson, Princeton University

When Scientific Fields Emerge: Tracing the Production of the Epistemology of HIV/AIDS
alexandre White, Boston University; Marina Richard, Boston University

Pharmaceutical Science in Action
Sergio Sismondo, Queen’s University

Chair:
Sergio Sismondo, Queen’s University

188. Producing Transformations: Drugs, bodies, and experimentation 2

Papers for Open Panels/Producing Transformations: Drugs, bodies, and experimentation

Open Panel
11:00 to 12:30 pm
ICC: E3.1

Participants:
Medical Technologies and Decision-Making Processes around Gender Assignment of Intersex People in India
Arpita Das, Department of Gender and Cultural Studies, University of Sydney

More than selfish rationality: exploring "drug altruism" on a Dark Net Market
Tim Squirrell, University of Edinburgh; Angus Bancroft, University of Edinburgh

Narcotic’s Covert Role Scrutinized: A Chinese City’s Fifty-year Search for Hygienic Modernity
Jianan Huang, College of Pharmaceutical Sciences, Zhejiang University
Non-binary testosterone users: Re-making trans gender hormone practices Rililk Zac Bolton, Gender & Cultural Studies, University of Sydney

STS Approach to Cognitive Enhancement Drug Use: Going Beyond the Treatment-enhancement Distinction and Cognition Aleks Hupli, University of Tampere; Gabija Didzokate, Loughborough University

Testosterone’s Absence: Transgender Medicine and the ‘Evidence of Treatment’ J.R. Latham, The University of Melbourne

Chair: Kiran Piennaar, Monash University

189. E/valuative Actions: Exploring the doings of e/valuation in evaluative systems 2

Papers for Open Panels/E/valuative Actions: Exploring the doings of e/valuation in evaluative systems

Open Panel
11:00 to 12:30 pm
ICC: E3.10

Participants:

E/Valuation in Designing Indigenous Services Delivery in Alice Springs Matthew Campbell, Charles Darwin University

Federal Institutes: limits and possibilities of public policy Rodrigo Rafael Fernandes, IFPR; Sidney Reinaldo da Silva, IFPR

Indexical Judgment: The Construction of Valuation Devices for Art and Antiques Erica Coslor, The University of Melbourne; Yuval Millo, Warwick University

Metrics and the Commercialization of Open Access Scholarship Alexandra Sharp Lippman, UCLA

Rethinking academic value. Experiments in research assessment with the ‘Evaluative inquiry’ approach Thed van Leeuwen, Leiden University; Tjitske Holtrop; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)

Towards Meta Principles Based Evaluation Framework For Community Sustainable Transformation Programs Saurabh Biswas, Arizona State University; Rimjhim Aggarwal, Arizona State University

Chairs:

Tjitske Holtrop
Roland Bal, Erasmus university rotterdam

190. Well years, good years, quality years – calibrations and aggregations of daily living: Temporalities

Papers for Open Panels/Well years, good years, quality years – calibrations and aggregations of daily living

Open Panel
11:00 to 12:30 pm
ICC: E3.2

Participants:

On being a (future) statistic: Prognostication, visualisation and living-with advanced cancer Katie Kenny, UNSW Sydney; Alex Broom, UNSW Sydney; Emma Kirby, UNSW Sydney

Happy Futurity on Ice: Sociotechnical Imaginaries of Frozen Ovarian Tissue as ‘Quality of Life’ Insurance Anna Sofie Bach, University of Southern Denmark

Living with Chronic Disease Risk – The Mundane Metrics of Everyday Risk Management Mikko Jauho, University Of Helsinki

Sensor technologies, place, and pattern in mental health research Frances Shaw, Black Dog Institute

Tracking Failing Biologies Ayo Wahlberg, University of Copenhagen

Chair: Katie Kenny, UNSW Sydney

191. Critical Data Studies: Ethics and Human Contexts of Data Science II

Papers for Open Panels/Critical Data Studies: Human Contexts and Ethics

Open Panel
11:00 to 12:30 pm
ICC: E3.3

Participants:

Competing, Collaborating, Compounding? Interactivity Between Public and Private Providers in China’s Social Credit System Shazeda Ahmed, School of Information, University of California- Berkeley

Digital sustainability: what is possible in the more-than-real? Jessica McLean, Macquarie University

From The Turing Test To The Trolley Problem: Tests, Measures And The Standardisation Of Machine Intelligence. Maya Indira Ganesh, Leuphana University, Germany

Mapping Silences, Reconfiguring Loss: Practices of Damage Assessment & Narratives of Repair in Post-Earthquake Nepal Robert Soden, University of Colorado Boulder; Austin Lord, Cornell

Unpacking Data Dashboards as Data Assemblages Within a University-Community Partnership Firaz Peer, Georgia Institute of Technology; Carl DiSalvo, Georgia Institute of Technology

192. Games in the city, games in the home

Closed Panels

Traditional (Closed) Panel
11:00 to 12:30 pm
ICC: E3.4

Participants:

Finding Shelter: How People Game Domestic Relationships Mahli-Ann Rakkomkaew Butt, University of Sydney

The home, the city, and the wild in avatar-based videogames Robert David Ewan Fordyce, The University of Melbourne

Tourists in the videogame city Dan Golding, Swinburne University of Technology

Producing Platforms for Locative Play Kyle Moore, University of Sydney

She Shares Shelves: The Presentation of Boardgame Collections at Home and in Public Melissa J. Rogerson, University of Melbourne

Playing and Being Together: Materiality of MMORPG and its Construction of New Urban Life for Young Females in China Xiaoxu Chen, Tsinghua University; Chadwick WANG, Institute of Science, Technology and Society, Tsinghua University


Papers for Open Panels/Concepts and Practices of ELSI: Exploration of its plurality

Open Panel
11:00 to 12:30 pm
ICC: E3.5

Participants:
194. Remaking collaboration in technoscientific production

Papers for Open Panels/Remaking collaboration in technoscientific production
Open Panel
11:00 to 12:30 pm
ICC: E3.6

Participants:
- Biodiversity Mappers: Collaboration as a Form of Gift
  - Per Hetland, Department of Education, University of Oslo
- The Architecture of Scientific Collaboration: Towards a Spatial Turn in Collaboration Studies
  - Niki Vermeulen, University of Edinburgh
- The Art of Collaborative Making: Feminist Technoscience and Practices of Community, Empowerment and Identity
  - Anna Verena Eireiner
- Thoughts On The Big Data Industry Innovation Ecosystem Based On The Collaboration Logic Of Block Chain Technology
  - Tsinghua University
- What is a Discovery in Citizen Science?
  - University of Gothenburg

Chair:
- Koichi Mikami, KOMEX, University of Tokyo

Discussant:
- Yuko Fujigaki, University of Tokyo

195. Turning (More) Things into Assets: Techno-economic TRANSformations 2

Papers for Open Panels/Turning (More) Things into Assets:
Techno-economic TRANSformations
Open Panel
11:00 to 12:30 pm
ICC: E3.9

Participants:
- Better than Gold: Art in Storage Spaces
  - Christoph Rausch
- Maastricht University
- Disassembling Coal: Finance Capital, Environmental Law, and the Right to Information in South India
  - Mukul Kumar, University of Manchester
- Ecosystem Creation: Controlling Efficiency and Creativity Through Algorithmic Automation
  - Ilirjan Shehu, Carleton University
- Urban assets and urban as an asset
  - Uri Ansenberg, University of Manchester
- Property as Socio-Technical Infrastructure
  - Oviya Govindan, Maastricht University

196. How do governance mechanisms for science and technology travel across borders? 2

Papers for Open Panels/How do governance mechanisms for science and technology travel across borders?
Open Panel
11:00 to 12:30 pm
ICC: E5.1

Participants:
- Governance Practices in Nanoscience: A Comparative Perspective Between Brazil and Portugal
  - Josemari Poerschke Quevedo, Federal University of Paraná
- Noela Invernizzi, Universidade Federal do Parana
- Of Bits and Pretzels and Bureaucracies: Regional Innovation Cultures and “Conservative Innovation” in Bavaria
- Sebastian Michael Pfotenhauer, Technical University Munich
- Alexander Wentland, Technical University of Munich
- Luise M Ruge, TU München
- Risk Governance and Unknown Knowns
  - Rosemary CR Taylor, Tufts University; Samuel A Weiss Evans, Tufts University
- Targeting Inequality through Science and Innovation Policy: Undone Science versus Inclusive Innovation
  - Thomas S Woodson, Stony Brook University; Logan Dawn April Williams, Michigan State University
- Travelling Risk. The Governance of Nanotechnology Risk in India and South Africa
  - Koen Beumer

When biobanks go global: ethical challenges and governance responses
- Lisa Dive, Sydney Health Ethics
- Edwina Light, Sydney Health Ethics
- Sydney Health Ethics, University of Sydney
- Miriam Wiersma, Sydney Health Ethics
- Ian Kerridge, Sydney Health Ethics
- Wendy Lipworth, Sydney Health Ethics
- University of Sydney

Chair:
- Noela Invernizzi, Universidade Federal do Paraná

197. Digital Imperialism: Colonizing everyday lives in the Global South II: Techno-Discourses and Resistances

Papers for Open Panels/Digital imperialism: colonizing everyday lives in the Global South
Open Panel
11:00 to 12:30 pm
ICC: E5.10

Participants:
- “Already Global Local”: Complicating notions of innovation and expertise in Africa
  - Leah Horgan, University of California, Irvine
- Angela Crandall Okune, University of California, Irvine
- Digital Myths and Moral Economies
  - Janaki Srinivasan, International Institute of Information Technology - Bangalore; e oreglia
- Exploring National Policy, Practice and Global Narratives That Shape The Internet in Nepal
  - Nischal Regmi, Martin
198. **Air Pollution Governance: Histories, Sites, Styles Part 2**

Papers for Open Panels/Air pollution governance: Histories, sites, styles

Open Panel
11:00 to 12:30 pm
ICC: E5.2

Participants:
- Air Pollution Governance in 6+ Cities Aalok Khandekar, Indian Institute of Technology Hyderabad; Kim Fortun, University of California Irvine
- Breathing in Delhi's Peripheries Rohit Negi, School of Human Ecology, Ambedkar University Delhi; Prerna Srigyan, Ambedkar University Delhi
- Fighting Miasmas and Political Hazards: Air Disinfecting Artefacts Through National Boundaries during Revolutionary Times c.1800 Elena Serrano, Max Planck Institute for the History of Science
- The Challenge of Air Pollution Governance: The Case of Taiwan Wen-Ling Tu, National Chengu University
- The Invisible Infrastructures of the Smog. Technical Standardisation and Data Infrastructure in Air Pollution Measurement (the Case of Poland) Michal Wróblewski, Nicolaus Copernicus University in Toruń, Poland
- The Role of Transboundary Air Pollution Research in the Making of the South Korean Regulatory Regime Chuyoung Won, Seoul National University

Chair: **Kim Fortun**, University of California Irvine
Discussant: **Soraya Boudia**, University Paris Descartes

199. **Climate Technologies and Unintended Consequences 2**

Papers for Open Panels/Climate Technologies and Unintended Consequences

Open Panel
11:00 to 12:30 pm
ICC: E5.3

Participants:
- Sustainable Biofuel Production through Emerging Applications of Bioremediation: A Perspective with Responsible Innovation Jyoti, Centre for Studies in Science policy, Jawaharlal Nehru University, New Delhi
- Sustainable evolution of drinking water purification technologies at household level in India Nazia Talat, Jawaharlal Nehru University
- The Overlapping Proposed Nuclear Power Plant with Islam, Environmental Concerns, and National Identity in the Call for Energy Transformation in Muria, Indonesia Pratama Yudha Pradheksa
- Unintended Consequences of Climate Technologies Jonathan Paul Marshall, UTS


Chair: **Jonathan Paul Marshall**, UTS

200. **Global Animals: Science and Technology**

Papers for Open Panels/Global Animals: Science and Technology

Open Panel
11:00 to 12:30 pm
ICC: E5.4

Participants:
- Arks, Freezers, and Gardens: Biodiversity Repositories in Toxic Landscapes and Planetary Futures Anna-Katharina Laboissière, Ecole Normale Supérieure/Curtin University
- Feeding the Flock: Wild Cockatooos and Their Facebook Friends Eben Kirksey, Deakin University; Thom van Dooren, University of Sydney; Paul Munro, University of New South Wales
- Moving birds in Hawai'i: Translocation and an ethics of creaturely movement Thom van Dooren, University of Sydney
- Nature and Nation: Conservation Science in Aotearoa New Zealand Courtney Addison, Monash University
- The Colours of Seawater: Lenses and Rhythms in the Sea Astrid Schrader, University of Exeter

Chair: **Brad Bolman**, Harvard University

201. **Data worldings and post/colonial connectedness II**

Papers for Open Panels/Data worldings and post/colonial connectedness

Open Panel
11:00 to 12:30 pm
ICC: E5.5

Participants:
- Border Data: Earthquake Scenario Work on the US-Mexico Border Elizabeth A. Reddy, University of San Diego
- Disentangling a More Than Human Network: Local Vector-Diseases in Brazil as Trans-National Concerns Tullio Dias da Silva Maia, Universidade Federal de Sao Carlos
- From Amazon to Amazon with Trouble: Data Infrastructure for an Instrumented Forest Felipe Mammoli Andrade, UNICAMP
- Perceptions and Practices of Surveillance in Childcare and Parenthood Anders Albrechtslund, Aarhus University; Ask Risom Bøge, Aarhus University
- Role of Technology to Open the “Borders and Margins” in Myanmar Refugee Crisis Sana Riaz, International Islamic University Islamabad Pakistan
- Will Big Data Feed the World? Neo-colonial Futures and Capitalist Reconfigurations in Global Food Systems Victoria Stead, Deakin University; David Boarder Giles, Deakin University

Chair: **Tahani Nadim**, Museum fuer Naturkunde
Discussant: **Miranda Johnson**, University of Sydney

202. **The Politics of Science and Technology in International Development I**
Papers for Open Panels/The Politics of Science and Technology in International Development
Open Panel
11:00 to 12:30 pm
ICC: E5.6
Participants:
American Modernization in India: Reinventing Development
Prakash Kumar, Pennsylvania State University
Engineering Labor, Class Conflict, and State Building in Twentieth- and Twenty-First Century Industrialization and Development Adelheid Voskuhl, University of Pennsylvania
From the Maistry to the Computer Operator: Politics of Skilling and Development in Global India Sreela Sarkar, Santa Clara University
'Frugal innovation' in complex systems: evidence from nuclear reactor design and development in India Aditi Verma, MIT
Russian public policy and the scientific temper in nuclear India Monamie Bhadra, The Ohio State University
Discussant:
Manjari Mahajan, New School University

203. Governing Toxic Waste 2
Papers for Open Panels/Governing Toxic Waste
Open Panel
11:00 to 12:30 pm
ICC: E5.7
Participants:
Ruination Science: Producing knowledge about toxicants from the rubble of Chilean regulatory science Sebastian Ureta, Universidad Alberto Hurtado
Living around nuclear reprocessing plants. Epidemiological controversies in France and in the UK Laura Barbier, CERMES3
Politics of Toxic Waste: Mobilising Lay Expertise against Illegal Dumping in Taiwan Mei-Fang Fan, Institute of Science, Technology and Society, National Yang-Ming University
Unraveling a Problem while Creating Another: The Case of Toxic Laboratory Waste in India Anwesha Borthakur, Centre for Studies in Science Policy, Jawaharlal Nehru University; Pardeep Singh, Department of Environmental Science, PGDAV College, University of Delhi
RCA Taiwan and the Valuation of a Toxic Crime Paul Jobin, Academia Sinica
Chair:
Tania Navarro Rodriguez, Université Paris Descartes
Discussant:
Roopali Phadke, Macalester College

204. Digital Sexualities, Biomedical Practice, and Queer Realities I
Papers for Open Panels/Digital sexualities, biomedical practice, and queer realities
Open Panel
11:00 to 12:30 pm
ICC: E5.8
Participants:
Dazzle camouflage and queer counter conduct jessa lingel
How to Become HIV-Negative: Taiwanese Gay Men’s PrEP Consumption and Sexual Health Poyao Huang, UCSD
I’m Not Who This System is Designed for’: Queer Women as Precarious Bicitizens Dana LaVergne, Loyola University Chicago
Living Up to the Promise: Digitized HIV Advocacy Strategies among Gay Filipinos in Manila Paul Michael Leonardo Atienza, Department of Anthropology, University of Illinois at Urbana-Champaign
Problems, devices and designs in the construction of the gay sexual marketplace Kane Race, University of Sydney

205. Latin American Science, Technology and Society: Women, Gender, and Sexuality Issues 2
Papers for Open Panels/Latin American Science, Technology and Society: Women, Gender, and Sexuality Issues
Open Panel
11:00 to 12:30 pm
ICC: E5.9
Participants:
The Current Discourses Of Cyberfeminist Movements In Mexico-City Mirjana Mitrovic, Freie Universität Berlin
The Trouble with Maternal Death Narratives Adeola Oni-Orisan, UC San Francisco/UC Berkeley
Trans*Forming STS: Complicating the Head/Heart Division Through Ethnographic Travels Sonja Jerak-Zuiderten, Linköping University, Technology and Social Change; Teun Zuiderten-Jerak, Department of Thematic Studies - Technology and Social Change, Linköping University
What about being women developer (software and app) in Colombia and Chile Patricia Pena, University of Chile, Institute of Image and Communication; Danghelly Zañiga, Universidad del Rosario, Colombia
Women, stars and science of the south. Female astronomers in Chile at the beginning of the 20th century. Lorena B. Valderrama, Universidad Alberto Hurtado; Sanhueza Carlos, Universidad de Chile
Chair:
Sandra Harding, University Of California Los Angeles (Ucla)

206. 4S Business Meeting
Lunchtime Workshop
12:30 to 2:00 pm
ICC: C2.4
Chair:
Kim Fortun, University of California Irvine

207. Knowledge asymmetries in/from the Global South: Power, Practices and Legitimation
Lunchtime Workshop
12:30 to 2:00 pm
ICC: C2.5
Chair:
Leandro Rodriguez Medina, Universidad de las Americas Puebla

208. Affordances and Architectures: A Materialist Approach to Digital Design 3
Papers for Open Panels/Affordances and Architectures: A Materialist Approach to Digital Design
Open Panel
2:00 to 3:30 pm
ICC: C2.1
Participants:
The ambivalence of corrective technologies: exploring subjective experiences and meanings of wearable tech Gavin
The Multiple Becomings and Affordances of Naked Selfie
Loans Jessie Liu, Australian National University; Helen Keane, Australian National University

The Politics of Urban Design: Google is Here to ‘Fix’ Toronto
Anna Artysyushina, York University

The Walk of the Pen: Cadastral Mapping and the Digital/Analogue Nexus
Gabriel Tusinski, Singapore University of Technology and Design

Hallam Stevens, Nanyang Technological University

Chair:
Baptiste Brossard, The Australian National University

209. Science and Activism: Transdisciplinary approaches
Papers for Open Panels/Science and Activism: Trans-Disciplinary Approaches
Open Panel
2:00 to 3:30 pm
ICC: C2.2
Participants:
Ecological authority by gaslight: A doubt manifesto. With hedgehogs.
Laura McLauchlan, UNSW

Disillusion by Numbers: Dictatorship, Revolution and the Social Life of Data in Tunisia
Siad Darwish, Rutgers University

Ghost in the Shell: an anthropological investigation on DIYbio and the Cyborg.
Gil Vicente Nagui Lourencao, State University of Campinas - UNICAMP; Marko Monteiro, State University of Campinas

Using knitting to stay with the trouble
Tracy Anne Sorensen, Charles Sturt University

Ato Rede: establishing relations and making knowledge
JULIANA COUTINHO OLIVEIRA, HCTE-UFRJ

STS and Urban Justice issues in Contemporary Russia
Evguenii Vladimirovich Karchagin, Volgograd State University of Architecture and Civil Engineering

Chair:
Laura McLauchlan, UNSW

210. The continued relevance of ethnomethodological studies of science and mathematics for STS
Closed Panels
Traditional (Closed) Panel
2:00 to 3:30 pm
ICC: C2.3
Participants:
The Disappearance of “Discovery” as a Topic in Science and Technology Studies: An attempt at retrieval and ethnomethodological respecification
Jeff Coutler, Boston University; Michael Lynch, Cornell Univ.

“How did that feel”: Managing and monitoring pain in cognitive neuroscience experiments
David Matthew Edmonds, The Chinese University of Hong Kong; David Matthew Edmonds, The Chinese University of Hong Kong

Do mathematicians make mistakes? Mathematical certainty in practice
Christian Greiffenhagen, The Chinese University of Hong Kong

The Banality of the Social in the Work of the Sciences
Eric Livingston, University of New England

211. Indigenous Knowledges And Technologies 3
Papers for Open Panels/Indigenous Knowledges and Technologies
Open Panel
2:00 to 3:30 pm
ICC: C2.4
Participants:
From the communication of science and technology to the appropriation of knowledge in intercultural contexts
Juan Carlos García-Cruz, Universidad del País Vasco, España;
Xenia Anaia Rueda Romero, Universidad del País Vasco

Indigenous epistemologies in global health: WHO regulation of traditional medicine since Alma Ata 1978
FRANCESCO SALVINI, Kent Law School, University of Kent; Emilie Cloare, Kent Law School, University of Kent

Mediating Indigenous Knowledges: Communicative Practices in Defense of Life and Territory
Claudia Magallanes Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

Ontological Injustice towards Indigenous People in Climate Policy
Tiago Ribeiro Duarte, University of Brasilia

The many lives of Mandan maize: the appropriation, circulation, and cultivation of Native American corn varieties in the United States and beyond
Helen Anne Curry, University of Cambridge

Totemism and Indigenous Science
Stephen Muecke, University of Adelaide

Chair:
Carlos Francisco Baca Feldman, Redes por la Diversidad, Equidad y Sustentabilidad A.C.

212. Lives in STS “as a series of failed political experiments”
Papers for Open Panels/Lives in STS “as a series of failed political experiments”

Open Panel
2:00 to 3:30 pm
ICC: C2.5
Participants:
Making Visible A Collage of Radical Scientists And Critics
Peter J. Taylor, UMass Boston

From radical scientist to STS intervener
Brian Martin, University of Wollongong

The Ongoing Making of Counter-Hegemonic Forces of Production - Does STS do Theory of Practice?
mike hales, libertarian socialist activist / cultural materialism

STS "Inside the System" from the Military-Industrial Complex to the Innovation Complex
Matthew Wisnioski, Virginia Tech

Fallout
Gordon Murray, University of Winchester

Motivating Investment in Interdisciplinary Infrastructure: What Can One Person Do?
Michael O’Rourke, Michigan State University

Chair:
Peter J. Taylor, UMass Boston

213. Travelling knowledge (III): networks of scholars and objects
Papers for Open Panels/Travelling knowledge: theories, methods and empirical research made in circulation
Open Panel
2:00 to 3:30 pm
ICC: C2.6
Participants:
Knowledge Accretion and Dispersion of Agricultural Knowledge Accretion and Dispersion of Agricultural

Bioinformatics products within Aboriginal Groups in Jharkhand (India) diwakar kumar, central university of gujarat

Knowledge through the media and the perception of public policy effectiveness Andre Sica de Campos, Unicamp; Janaina Costa, Unicamp

Politics, Ideology, and Hegemony in ‘Truly International’ Mathematics Michael Barany, Dartmouth College

“‘Voyage dans les deux océans’: Scientific Cosmopolitanism, Collaboration, and Natural History Collection in Nineteenth-Century Australia.” Jeremy Marc MacDonald, University of Prince Edward Island

Technical appropriation and global circulation of instruments at the National Astronomical Observatory of Chile (1886-1887) Sanhueza Carlos, Universidad de Chile; Lorena B. Valderrama, Universidad Alberto Hurtado

Transcendental networks: scholars, objects and internationalization Leandro Rodriguez Medina, Universidad de las Americas Puebla

Chair: Leandro Rodriguez Medina, Universidad de las Americas Puebla

214. Producing Transformations: Drugs, bodies, and experimentation

Papers for Open Panels/Producing Transformations: Drugs, bodies, and experimentation

Open Panel
2:00 to 3:30 pm
ICC: E3.1

Participants:
Therapeutic Transformations and the New Care of the Body in Contemporary Japan Shoa Yin Cheung, Cornell University

Thinking Sex, Drugs, and HIV: Building Up and Sustaining a Transversal Orientation toward Metastructural Issues and Irresolvable Problems Stephen Molldrem, The University of Michigan

Transforming Altruism Into Solidarity? The Case Of Experimental Subjects In Psoriasis Research In Germany Laura Schnieder

Transforming gay men, sex and drugs: from fear to pleasure Maurice George Nagington, University of Manchester

Transforming Pharmaceutical Capacities: Experimenting with Antibiotics in Food and Beer Production in Tanzania Laura Meek, University of California, Davis

Understanding bacteria as always pathogens fuels overprescribing of antibiotics for urinary tract infections in hospitals: Clinicians’ and older adult patients’ experiences Paula Saukko, Loughborough University; Emily Roosham, Loughborough University; Beryl Oppenheim, University Hospitals Birmingham NHS Foundation Trust

Chair: Dean Anthony Murphy, University of Sydney

215. Metabolic Relations, Subjects, Differences

Papers for Open Panels/Metabolic Relations, Subjects and Differences

Open Panel
2:00 to 3:30 pm
ICC: E3.10

Participants:
Mining Experience for Methods Elspeth Oppermann, Charles Darwin University

Enacting Energy Or Commensality? Dissonances Between Calculative Eating In Australian Dietary Guidelines And Social Eating Practices At A Uruguayan Social And Sporting Club Elsher Lawson-Boyd, University of Sydney

Optimizing food through or without technologies? Nutritionalization in France, from digital health to fasting revival Tristan Fournier, CNRS; Sébastien Dalgalarrondo, EHESS/CNRS

Human Ecology and Biocultural Diversity Emilie Josephine Raymer, Johns Hopkins University

Embodied Transformations: Standardizing Movement in Australian Metabolism Research of “Subsistence” and Wage-earning populations in Papua New Guinea Sandra Widmer, York University, Canada

Beyond Homeostasis Hannah Landecker, UCLA

216. If a body meet a body: making people in daily practice

Papers for Open Panels/If a body meet a body: making people in daily practice

Open Panel
2:00 to 3:30 pm
ICC: E3.2

Participants:
Nobody Knows What a Body Can Do: un/making the mediated body Scott East, UNSW Sydney; Karen Kriss Karen Kriss, UNSW Sydney Art & Design

Reinventing the Heel: Technoscientific Interventions in Fashion Footwear Christopher Hesselbein, Cornell University STS

Tearoom Trade: Buildings, Bodies, Sex Janice M. Irvine, University of Massachusetts

Who’s Listening? Practices of social justice listening within an advocacy coalition for policy change around hearing and deafness Nicole Matthews, Macquarie University; Justine Lloyd, Macquarie University

You Ain’t Nothin But a ____: Modelling, Manufacturing, Standardising, and Enacting Elvis Presley in Regional NSW Sahar Tavakoli, University of Sydney

Discussant: Trevor John Pinch, Cornell University

217. Critical Data Studies: Ethics and Human Contexts of Data Science

Papers for Open Panels/Critical Data Studies: Human Contexts and Ethics

Open Panel
2:00 to 3:30 pm
ICC: E3.3

Participants:
Fostering Innovation, Resilient Infrastructure and Sustainable Industrialization: Prospects of Recycling Disused ICT Devices in Nigeria Johnson Ojiyovwi Okorhi, Institute of Engineering, Technology, and Innovation Management (METI), University of Port Harcourt,

Online Manipulation: Is Transparency the Cure? Daniel Ssuer, San Jose State University

The Ethics Ecosystem: Personal ethics and the governance of social media research Gabby Samuel, King’s College London /Lancaster University; Gemma Derrick, Lancaster University; Thed van Leeuwen, Leiden University
Towards a Normative Ethics of Online Moderation Andrew Arthur Fitzgerald, Stanford University; Anna Gibson
Vietnam Rural Broadband Internet Roll-Out: Rural Resident Voices Versus Mainstream Depictions Trang Pham, University of Calgary, Department of Communication, Media and Film
Walking and Mapping: Citizen Apps for Social Value in Civic Infrastructure Rob Shields, University of Alberta

218. Smart homes in everyday life: Assisted living, service work, ethics and energy
Papers for Open Panels/Smart homes in everyday life: Labour, leisure and pleasure
Open Panel
2:00 to 3:30 pm
ICC: E3.4
Participants:
- Smart Energy Use In Everyday Life Ingvild Firman Fjellså, NTNU, Dept. Of Interdisciplinary Studies Of Culture; Marianne Ryghaug, Norwegian University of Science & Technology (NTNU); Tomas Moe Skjølvold
- The Ethical Perspectives on Ambient Assistive Living Technologies of Japanese Engineers. Jungen Kominz, Graduate Schools of Medicine, Osaka University; Kazuto Kato, Graduate Schools of Medicine, Osaka University
- The sensing home: Citizen Engagement with Sensing Energy Infrastructures Ingrid Ballo, University of Bergen; Kjetil Rommetveit, University of Bergen, Norway
- The Surveillance and Choreography of Service Work in the Smart Home Christopher O’Neill, University of Melbourne
- ‘We’re the Cheap Smart House’: encounters with smart in the shared home Sophia Maalsen, The University of Sydney
- What is the connection between Health Smart Homes and user-wellbeing? Rachel Creaney, University of St Andrews/ James Hutton Institute

Chair:
Jenny Kennedy, RMIT University

219. Life, biopolitics and techno-identities I
Single Paper Submission
Open Panel
2:00 to 3:30 pm
ICC: E3.5
Participants:
- Recoding life: information and the biopolitical Eric Deibel
- The Operations Of The Familial Body: Genes, Family And Hereditary Cancer Alison Monique Witchard, ANU
- A Posthuman Body: an ethnographic study of biohackers Paulo Kawanishi, Unicamp
- Mediating biosocial possibilities: The deployment of biomedical technologies in HIV and viral hepatitis family disclosure narratives Christy Newman, Centre for Social Research in Health, UNSW Sydney; Kerryn Drysdale, University of New South Wales; Asha Sofia Persson, UNSW Sydney; Jake Rance, University of New South Wales; Myra Hamilton, Social Policy Research Centre, UNSW; kylie valentine, UNSW; Joanne Bryant, Centre for Social Research in Health, UNSW; Jack Wallace, Burnet Institute
- Technologies of hope and constraint: Identities, stigma and the research interview Jake Rance, University of New South Wales

Chair: Eric Deibel

220. Global Perspectives on Responsible Innovation: Widening the Gaze II
Papers for Open Panels/Global Perspectives on Responsible Innovation: Widening the Gaze
Open Panel
2:00 to 3:30 pm
ICC: E3.6
Participants:
- Responsible climate innovation in global city networks: the C40 experience. Lars Coenen, The University of Melbourne; Kathryn Davidson, The University of Melbourne; Sebastian Fastenrath, University of Melbourne; Brendan Gleeson, The University of Melbourne
- Responsible Innovation and Transnational Governance in Neuroscience and Neurotechnology: A Comparative Perspective Nina Maria Frahm, MCTS, TU Munich; Sebastian Michael Pfotenhauer, Technical University Munich
- Translating “Responsible Innovation” in Australia Peta Ashworth, University of Queensland; Semso Sehic, University of Queensland

Chair: Jenny Kennedy, RMIT University

221. The Impact of Outsourcing and Contracting on Accident Prevention in Complex Sociotechnical Systems (1)
Papers for Open Panels/The impact of outsourcing and contracting on accident prevention in complex sociotechnical systems
Open Panel
2:00 to 3:30 pm
ICC: E3.9
Participants:
- Accounting for Accidents: The Precarious Work of Bangladeshi Migrants in Singapore Karen Marie McNamara, National University of Singapore (NUS)
- Discussion on the Issues of Safety and Sustainability of Fragmented Systems Myriam Merad, CNRS
- Exploring the Properties of Networked High-risk Systems – Contracting Safety Expertise jeanne christophe de coze, INERIS
- Inter-organizational Collaboration for Railway Safety in Japan Takaji Hara, Kobe University
- Ambiguous Reliability in Temporal and Outsourced Utility Construction OperationsLeon olde Scholtenhuis, University of Twente

Chair: Jan Hayes
Discussant: stéphanie tillement, Institut Mines Telecom Atlantique

222. Social studies of politics: state affect? I
Papers for Open Panels/Social studies of politics: state affect?
Open Panel
2:00 to 3:30 pm
ICC: E5.1
Participants:
Comparison and Analysis of the Research Supporting Pattern in
Think Tanks Chunjie Liu, Institute of Science and
Development, Chinese Academy of Science; Jianzhong Zhou,
Institutes of Science and Development, Chinese Academy of
Sciences; Lu Zhao, Chinese Academy of Science
Dangerous Cultures: Affective Safety Culture and the Work of
Remediation at the Hanford Site Pedro Eduardo de la Torre,
John Jay College of Criminal Justice, CUNY
Deliberations on Intellectual Property Rights in Indian
Parliament: Contestation of Social Values through Political
Negotiations Deep Jyoti Francis, Jawaharlal Nehru
University
Innovative technologies and extractive conflicts Marie Emilie
Forget, EDYTEM Savoie Mont Blanc University
Land deals and the co-production of state affect and citizenship
in Ethiopia Sarah Stefanos, University of Wisconsin,
Madison
Parachuting Scientists into Policy Making: An Account of the
Role of Science in Government Christine Leuenberger,
Cornell University
Chair: Jan-Hendrik Passoth, Technische Universität München

223. Platform Practices and Predictive Seeing 1
Papers for Open Panels/Platform Practices and Predictive Seeing
Open Panel
2:00 to 3:30 pm
ICC: E5.10
Participants:
Accuracy for Carbon: Visualizing and Financializing Forest
Life Cindy Lin, University of Michigan, School of
Information
Automatized Capitalism and the Aesthetics, Epistemology and
Politics of the Chart Liam Magee, Institute for Culture &
Society, Western Sydney University; Ned Rossiter, Institute
for Culture & Society, Western Sydney University
Every Image An Eigenimage Anna Munster, University of New
South Wales
Patterns of Life and Predictive Killing: Image Processes, Drone
Strikes and Death by Algorithm Michael Richardson,
University of New South Wales
Predicting success: visual practices and predictive algorithms in
IVF Manuela Perrotta, Queen Mary, University of London;
Alina Geampana, McGill University
Refined Algorithm Vs. Vulgar Image: Disassemble the
Representations of Chinese Working-class Youths Through
Online Platform Jiaxi Hou, University of Tokyo
Chair: Jonathan Paul Marshall, UTS

224. Transgressing the Intersection of Science and Food I
Papers for Open Panels/Transgressing the Intersection of Science
and Food
Open Panel
2:00 to 3:30 pm
ICC: E5.2
Participants:
Agri-Data Infrastructures: Innovation and the Technopolitics of
Agricultural 'Big Data' and 'Ubiquitous Computing' in New
Zealand Matt Henry, Massey University
Behind the GM Ban: Exploring the Politics of Biotechnology
for Development in Kenya Caspar Roelofs, Science &
Society Group, University of Groningen
CRISPR and Food Production – Promise and Limitations Val
Martin, Illinois Institute of Technology
Don't Stress the Animal! Poor Animal Welfare and the
Resulting 'Essence' in Meat Emily Biddle, University of
Adelaide; Heather Bray, The University of Adelaide; Rachel
Ankney, The University of Adelaide
Farming and the oil and gas industry: a toxic mix? Brian P
Bloomfield, Lancaster University; Bill Doolin, Auckland
University Of Technology
Insect Economy as an 'Arena of Development' Mari Niva,
University of Helsinki; Piia Jallinoja, University of Tampere

225. Climate Technologies and Unintended Consequences 1
Papers for Open Panels/Climate Technologies and Unintended
Consequences
Open Panel
2:00 to 3:30 pm
ICC: E5.3
Participants:
Assessing the Contestation in Biofuel Production Approaches in
India Rahul Shukla, Indian Institute of Technology
Gwahati; Sambit Mallick, Indian Institute of Technology
Gwahati
cows as climate technologies: mapping cow-climate-human
relations Lauren Rickards, RMIT University; Donna
Houston, Macquarie Uni; Andrew McGregor, Macquarie
Uni
Dreaming of a European Saharan Sun : A political ecology of
big solar in Africa Paul Munro, University of New South
Wales
Government and Renewable Energy Industry Leadership in
Energy Transition – A Comparative Study between Australia
and Taiwan Yu-Chieh Amy Lin, UTS
Markets in the politics of renewable technologies Daniel
Breslau, Virginia Tech
Soil, climate and the promises of underground carbon Céline
Granjou, University Grenoble Alps
Chair: Jonathan Paul Marshall, UTS

226. Animals and Technology Around the World, Past and
Present I
Papers for Open Panels/Animals and Technology Around the
World, Past and Present
Open Panel
2:00 to 3:30 pm
ICC: E5.4
Participants:
Animals and Technology in the Zoo Marcus Carter, The
University of Sydney; Sarah Webber, The University of
Melbourne
Designing for Animal-Human Interaction (AHIXD) Ann
Morrison, University of Southern Queensland; Sarah
Webber, The University of Melbourne; Jane Turner,
Queensland University of Technology
Devices, algorithms and animals on artificial heart production
Marisol Marini, University of São Paulo
Matchmaker, Matchmaker: The Creation of Technology
through Epistemic Partnerships with Assistance Dogs Leah
227. Extractivism, Conservation, Science and Justice: Workshopping Emerging Approaches in Decolonial Science, 1
Closed Panels
Traditional (Closed) Panel
2:00 to 3:30 pm
ICC: E5.5
Participants:
Human and non-human “undesirables” in hydrological framing of Cape Town's Kuils River Nikiwe Solomon, University of Cape Town
“We just produce a number”: regulation of water resources in Chile Patricio Flores, Universidad Alberto Hurtado
Windscapes and socio-technical imaginaries of the Tsitsikamma Community Wind Farm, South Africa Michelle Pressend, University of Cape Town
Securitization and corporate social responsibility of transnational mining in Guatemala Gabriela Marroquin, Universidad Alberto Hurtado

Discussants:
Muriel de la Cadena, UC Davis
Sebastian Ureta, Universidad Alberto Hurtado

228. The Politics of Science and Technology in International Development Open Panel 2
Papers for Open Panels/The Politics of Science and Technology in International Development
Open Panel
2:00 to 3:30 pm
ICC: E5.6
Participants:
Computing for Global Health - towards an inner critique of global norms and methods Grégoire Lurton, Institute for Health Metrics and Evaluation/University of Washington
Data Wars Manjari Mahajan, New School University
Making Global Facts: Scaling, Standardization, and Erasure in International Development Metrics Erin V Moore, Northwestern University
The Archipelago of Care: Connected Isolation in the Pan-African e-Network Vincent Duclos, Drexel University Center for Science, Technology & Society

229. Time-Scapes of Toxicity(1) Making Boundaries
Papers for Open Panels/Time-spaces of toxicity
Open Panel
2:00 to 3:30 pm
ICC: E5.7
Participants:
M McClimans, University of South Carolina, University College Cork
Mosquitoes as technologies for airborne diseases control Claudia Santos Turco, HCET-UFRJ / FIOCRUZ; Eduardo Nazareth Paiva, Universidade Federal do Rio de Janeiro
On Dog-Technologies and Models: Canine Subjects and Experimental Objects Brad Bolman, Harvard University

Chair:
Christena Nippert-Eng, Indiana University

Athwart a Mercurial Ocean: Transnational and Transcorporeal Flows of Methylmercury Elspeth Probyn, Gender & Cultural Studies, University of Sydney
Chip, Body, Earth: Toxic Temporalities of Intel Processor Production Luke Munn, Institute for Culture & Society, Western Sydney University
Contaminated Insides? Capturing the histories and toxicities of DDT in Africa Rene Umlauf, Martin-Luther University Halle
Make it Safe, Make it Past Britt Dahlberg, Science History Institute
Segmenting Time, Escaping Ecology Yoonjung Lee, KAIST; Seung Hee Cho, Korea Advanced Institute of Science and Technology (KAIST)
Statutes of Limitation and Subcellular Injury: Time and Knowledge Production in the Taiwan RCA Litigation Hsin-Hsing Chen, Graduate Institute for Social Transformation Studies

Chair:
Yeonsil Kang, The Catholic University of Korea

230. Digital Sexualities, Biomedical Practice, and Queer Realities II
Papers for Open Panels/Digital sexualities, biomedical practice, and queer realities
Open Panel
2:00 to 3:30 pm
ICC: E5.8
Participants:
Queer encounters with D/deaf identities Rebekah Cupitt, Royal Institute of Technology, Stockholm
Queer Information Literacies: Social media and identity access among rural LGBTQ people Jean Hardy, School of Information at University of Michigan
Queering Mobilities, Imagining Desire Vishnupriya Das, University of Michigan
Queering The Promissory Futures Of Intersex: Or, Has Intersex Activism Been Queer STS All Along? David Andrew Griffiths, Surrey

231. Decolonizing “Areas” of Scientific (Hu)Man(ity) and Fictionality
Closed Panels
Traditional (Closed) Panel
2:00 to 3:30 pm
ICC: E5.9
Participants:
Fantastic Transparencies Amie E Parry, English Department, National Central University, TAIWAN
Barefoot/China CHIEN-TING LIN, English Department, National Central University
Sacrificial Clones: The Technologized Korean Woman in Shiri and Cloud Atlas Jane Chi Hyun Park, University of Sydney, Gender and Cultural Studies
Preserving (American) Values, Preserving Race: Anatomical Models and the (Chinese) Human Ari Heinrich, UCSD
Can Workers Holds Hands with Robots?: Collaborative Robots and Labor Empowerment in the Electronics Industry in China Yu Huang, Hong Kong University of Science and Technology; Naubahar Sharif, Hong Kong University of Science and Technology

The Scientific Debate, Genetic Evidence and the Origin of
Taiwanese Ancestry Yu-yueh Tsai, Institute of Sociology, Academia Sinica

Chair: Helen Grace, University of Sydney, Gender and Cultural Studies

232. STS in Practice: Activism, Algorithms and Accountability
Special Event
4:00 to 5:30 pm
ICC: C2.3
Participants:
Joan Donovan, Data & Society Research Institute

233. Trans/national Politics of Race, Racism, and Anti-Racism
Papers for Open Panels/Trans/national Politics of Race, Racism, and Anti-Racism
Open Panel
4:00 to 5:30 pm
ICC: C2.4
Participants:
Science After Apartheid; Trans/national Aspirations for Science for a Democratic South Africa Anne Pollock, Georgia Tech
The Other Within: Technoculture and the Racial Politics of Assimilation in Vietnam Lilly Nguyen, Department of Women's and Gender Studies, UNC Chapel Hill
The 'Asian BMI' and Logics of Difference in Biomedicine Mallory Fallin, Northwestern University
Race/ethnicity and genome-based drug toxicity studies Shirley Sun, Nanyang Technological University
Against (Bio)Ethics: Prison Abolition and the Wounded Subject of Post-War Medical Science Cristina Visperas, University of Southern California

Chair: Melissa Creary, University of Michigan, School of Public Health

234. Crafting Common Worlding Pedagogies
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: C2.5
Participants:
Shivering, sweating, and Facetiming metabolisms with common world pedagogies Nicole Land, University of Victoria
Waste pedagogies in Andean common worlds Veronica Pacini-Ketchabaw, Western University
Unsettling water pedagogies Fikile Nxumalo, University of Texas at Austin
Queer worlding pedagogies with tree-girl-dog assemblages Mindy Blaise, Victoria University
Learning with wild rabbits: Troubling the divides of settler colonialism Africula Taylor, University of Canberra

235. Quality, Quantity, and Transnational Expertise
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: C2.6
Participants:
Floating Cocaine Rates and Phantom Pharmaceuticals Kieran Kelly, University of Chicago
The Vicissitudes of Units: On the Calculation of Environmental Sustainability Yukan Zeng, University of Chicago
The Indexicality of the Index: Governing by Rank in Global Singapore Joshua Babcock, University of Chicago
In Search of a Representative Country: The Politics of Site Selection in International Development Impact Evaluations Margarita Rayzberg, Northwestern University

Discussant:
Terry Woronov, University of Sydney

236. Investigating drug transformations through an ontopolitical lens
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E3.1
Participants:
Doing ontopolitically-oriented research: Investigating and enacting lives of substance Suzanne Fraser, National Drug Research Institute, Curtin University
Assigning, advocating, addicting: Law, drugs and STS Kate Seear, Monash University
Making testosterone matter in motivations for steroid injecting Renae Fomiatti, National Drug Research Institute, Curtin University
Take-home naloxone and the ontopolitics of care Adrian Farrugia, National Drug Research Institute, Curtin University

237. A Critical Look into the Classification of Emerging Entities
Papers for Open Panels/A Critical Look into the Classification of Emerging Entities
Open Panel
4:00 to 5:30 pm
ICC: E3.10
Participants:
The Meat of the Matter: Cultured Meat and the Classification of Food Carlin Soos, University of California, Los Angeles
Labeling in an Emergent Food Category: Informative or Performative? Tomiko Yamaguchi, International Christian University
The Herb Pharmaceutical Industry in South Korea Eunjeong Ma, Pohang University of Science and Technology
Diagnostic Practice in Child and Adolescent Psychiatry Clodhna O’Connor, University College Dublin
Emerging Biomedical Technology and Healthcare System in Developing Economies Nidhi Singh, Jawaharlal Nehru University

Chair: Eunjeong Ma, Pohang University of Science and Technology

238. Making Biofutures: Anticipating the futures of biomedicine, healthcare, and life itself
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E3.2
Participants:
Big data and bold visions: The political economy of the emergent algorithmic medicine and healthcare Alan Petersen, Monash University
Making the future (socially) robust: ELSI as authoritative
endorsement of biomedical promise Koichi Mikami, KOMEX, University of Tokyo
Remaking parents: Mitochondrial replacement therapy (MRT) and the fiction of genetic parenthood Catherine Mills, Monash University
The last menopausal woman and other future reproductive imaginaries Andrea Whittaker, Monash University
Chair: Samuel Taylor-Alexander, Monash University
Discussant: Ayo Wahlberg, University of Copenhagen
239. Cultures of fact travel
Papers for Open Panels/Cultures of fact travel
Open Panel
4:00 to 5:30 pm
ICC: E3.3
Participants:
How Wikipedia Works With Facts Bunt Avieson, University of Sydney; Chao Sun, University of Sydney
Baidu in Thailand: Have Facts, Will Travel? Sarah Logan Logan, University of New South Wales
Audience Understandings of Climate Change News - Emotion, Scepticism, and Uncertainty Andreas R.T. Schuck, Amsterdam School of Communication Research, Communication Science, Faculty of Social and Behavioural; Catriona Bonfiglioli, University of Technology Sydney
Facts and Affects in Online Climate Denial: Towards a Model of Tribal Epistemology Benjamin Glasson, University of Melbourne
Reading Examinations on Tibetan Maps 1886 Su Hu, University of Edinburgh
Chair: Heather Ford, University of New South Wales
Discussant: Christopher Anderson, College of Staten Island, CUNY
240. Smart homes in everyday life: Gender, nation, intimacy and expertise
Papers for Open Panels/Smart homes in everyday life: Labour, leisure and pleasure
Open Panel
4:00 to 5:30 pm
ICC: E3.4
Participants:
A history of household engineering Melissa Gregg, Intel
At Home in Singapore's Smart Nation Amelia Hassoun, University of Oxford
Automated Divisions: The Volition of Artificial Intelligence Systems Abram Nicholas Gastelum, University of California, Irvine
Bitches With Glitches: How feminised devices fail and how we can do better Jenny Kennedy, RMIT University; Yolande Strengers, RMIT University
Hey Google! Do you love me? The imagination, design and experience of smart voice assistants Justine Humphrey, University of Sydney; Chris Chesher, University of Sydney
Second sheds: exploring the edges of Australian smart home households Yolande Strengers, RMIT University; Larissa Nicholls, RMIT University; Jenny Kennedy, RMIT University
Chair: Melissa Gregg, Intel
241. Life, biopolitics and techno-identities 2
Single Paper Submission
Open Panel
4:00 to 5:30 pm
ICC: E3.5
Participants:
Inside a Patient Organization in Russia: “Not-so-Epic” Story of Maintaining Patient Activism Alexandra Endaltseva, L'École des hautes études en sciences sociales / Linköping University
"Being You is Not Sick": (De)medicalization of Thai Kathoey Identity Alyssa A Lynne, Northwestern University
Precision Medicine and its ‘Infrastructures of Solidarity’. Probing the Social Contract in US and European Precision Medicine Initiatives ine van hoyweghen, University Leuven; Erik Aarden, University of Vienna
Challenging the Culturally Asymmetrical Valuation of Health and Illness: The Case of Chronically Ill People Hwa-Yen Huang, Department of Sociology, Rutgers University
Struggle for Connection: From Queer Rebels to Pharmaceutical Conformists Yi-Tsun Chen, The Australian National University
The Perfect Match: Articulations of Intimacy and Conjugalit y around Kidney Transplants in India Sinjini Mukherjee, South Asia Institute, Heidelberg University, Germany
Chair: Eric Deibel
242. Global Perspectives on Responsible Innovation: Widening the Gaze I
Papers for Open Panels/Global Perspectives on Responsible Innovation: Widening the Gaze
Open Panel
4:00 to 5:30 pm
ICC: E3.6
Participants:
Between Inclusiveness and Responsibility. STI policy agendas, frameworks and practices 'towards society' in developing countries Hernan Thomas, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET (National Council of Scientific and Technological Research); Gabriela Borz, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET; Santiago Garrido, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET
From Responsibility to the Co-responsibility of the Communication of Science and Technology in RRI Xenia Anaid Rueda Romero, Universidad del País Vasco
Globalizing Responsible Research and Innovation: Experiences in international collaboration for RRI Tess Doezema, Consortium for Science, Policy and Outcomes
Innovation as interaction processes: the socio-technical constitution of Mondragon Cooperative Corporation (MCC) Juan Carlos García-Cruz, Universidad del País Vasco, España.
Mainstreaming Responsible Innovation (RI)? Experiences from Norway Maria Bårdsen Hesjedal, Institute for Interdisciplinary Studies of Culture. NTNU
243. The Impact of Outsourcing and Contracting on Accident Prevention in Complex Sociotechnical Systems (2)
Papers for Open Panels/The impact of outsourcing and contracting on accident prevention in complex sociotechnical systems
Open Panel
4:00 to 5:30 pm
ICC: E3.9
Participants:
Empowering Contractors and Controlling Safety Throughout Project: From the Prescription of Prevention Practices to the Requirement of Accountability Thomas Reverdy, UGA
Outsourcing Risk Governance Jan Hayes; Dolruedee Kranmamaung King, University of Sydney; Lynne Chester, University of Sydney
Occupational Safety in Revamping Operations: Uncertainty in (Sub)contracting Charles Stoessel, CNAM-Paris
Organisational Complexity and Subcontracting Management: Confronting Lessons from Accidents and from Normal Functioning Safety Assessment Nicolas Dechy, Institut de Radioprotection et de Sûreté Nucléaire; Alexandre Largier, Institut de Radioprotection et de Sûreté Nucléaire
Chair: Stéphanie Tillement, Institut Mines Telecom Atlantique

244. Social studies of politics: state affect? 2
Papers for Open Panels/Social studies of politics: state affect?
Open Panel
4:00 to 5:30 pm
ICC: E5.1
Participants:
Regulation, science and the state: reproductive technologies in India Vasudha Mohanty, University of Wollongong
The need for a “social studies of politics” in STS Nicholas James Rowland, The Pennsylvania State University; Jan-Hendrik Passoth, Technische Universität München; Govind Gopakumar, Concordia University
The Sociotechnical Imaginaries of Prisons Jennifer Lieberman, University of North Florida
The Transition of Tokyo Water Supply System: 1875-now Aobo Ran, Tsinghua University
What development for Uruguay ?: A multi-layered analysis of development dimensions and pathways Isabel Bortagaray, Universidad de la República; Marila Lizaro; Amalia Stuhldreher, Universidad de la República
Who Speaks For Water in Times of Crisis? Iranian Perspective on Co-production of Engineering and Governance Ehsan Nabavi, Australian National University
Chair: Nicholas James Rowland, The Pennsylvania State University

245. Platform Practices and Predictive Seeing 2
Papers for Open Panels/Platform Practices and Predictive Seeing
Open Panel
4:00 to 5:30 pm
ICC: E5.10
Participants:
Resisting Visualizations. A cross-species and cross-field comparative exploration – Part 2 Ann Radinow Saetnan, NTNU; Rocco Bellanova, University of Amsterdam
The Techno-Ontology of Prognosis Karin Sellberg, University of Queensland
The View from the GPU: Graphics Processing Units Solve the Unsolvable Adrian Mackenzie, Lancaster University
Visualizing transnational threats across the internet Andrew Clement, University of Toronto
When Images Becoming Logic Monica Monin, University of Technology Sydney
Chair: Anna Munster, University of New South Wales

246. Transgressing the Intersection of Science and Food II
Papers for Open Panels/Transgressing the Intersection of Science and Food
Open Panel
4:00 to 5:30 pm
ICC: E5.2
Participants:
Marketing Superfoods at the Intersection of Science and Tradition Jessica Loyer, University of Adelaide
Politics of GM Foods: Exploring the Interface of GEAC and TAC in India Sunjia Raina, Birla Institute of Technology and Science (BITS)
Scaling the Farm, Hacking the Farmer: More-Than-Human, Pericapitalist Farming in New York City Wythe Marschall, Harvard University, Department of the History of Science
Superbugs and bad food: How antibiotic use in animal agriculture is framed in the Australian media Heather Bray, The University of Adelaide; Sujatha Raman, The Australian National University; Carol Morris, University of Nottingham; Joan Leach, Australian National University; Rachel Ankeny, The University of Adelaide
Techniques of Containment in Salmon Aquaculture Ignace Schoot, Memorial University of Newfoundland
Transgressing the Intersection between Antibiotics and Food Production via Animal Health Management Richard Helliwell, University of Nottingham; Sujatha Raman, The Australian National University; Carol Morris, University of Nottingham

247. Climate technology and climate justice
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E5.3
Participants:
Energy and climate change in India, Germany and Australia: a comparison in the social legitimacy of renewable energy Develeena Ghosh, University of Technology Sydney; James Goodman, University of Technology Sydney
A ‘new agenda’ for solar energy in India? Manju Menon, University of Technology Sydney; Kanchi Kohli, Centre for Policy Development, New Delhi
Energy Transformation as a Social Process: Post-Coal Politics and Energy Transition in Eastern Germany Tom Morton, University of Technology Sydney
248. Animals and Technology Around the World, Past and Present 2
Papers for Open Panels/Animals and Technology Around the World, Past and Present
Open Panel
4:00 to 5:30 pm
ICC: E5.4
Participants:
Patients Or Models? Dogs As Laboratory Companions In Cancer Research Declan Liam Kuch, University of New South Wales
Reanimating the Mammoth Matthew Chrulaw, Curtin University
Sounding the Alarm: Animals as Anticipatory Technologies in Practices of Futuring Stephanie Lavau, The University of Melbourne
Technopolitical transformations of insect bodies: managing beekeeping in Australia Catherine Phillips, University of Melbourne
Using Citizen Science to Study Bird of Prey Migration In Southern Ontario Antoinette Battaglia, York University
Will They Bite? Leeches and Sociotechnical Agencies in Ayurvedic Medicine Lisa Allette Brooks, University of California Berkeley
Chair: Patrick Shih, Indiana University Bloomington

249. Extractivism, Conservation, Science and Justice, 2
Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E5.5
Participants:
Contests over Extractivism and Socio-environmental Sciences: Transnational networks of indigenous organizations in Bolivia and Ecuador Marcela Herrera, Universidad de Santiago de Chile
Protecting a “pristine biodiversity” on Mount Mabu: Constructing Divide and Marginalizing Local Worlds Anselmo Matasse, University of Cape Town
Conservation and Expulsion: The Sikumi Forest Reserve in Zimbabwe Tafadzwa Mushonga, University of Cape Town; Frank Matose, University of Cape Town
Water, mining and local communities in Colombia and Chile Jorge Rowlands, Ecole des Hautes Études en Sciences Sociales
Discussants:
Marisol de la Cadena, UC Davis
Sebastian Ureta, Universidad Alberto Hurtado

250. The Politics of Science and Technology in International Development
Papers for Open Panels/The Politics of Science and Technology in International Development
Open Panel
4:00 to 5:30 pm
ICC: E5.6
Participants:
Digital Matatus: the discursive and material effects of data science in Africa Kerry Holden, Queen Mary, University of London; Matthew Harsh, Concordia University
Making “Appropriate Technology” African: Biomedical Technology from CASTAFRICA to the Global Health Innovation Accelerator Heidi Morefield, Johns Hopkins University
Producing Biomedical Value and Commodities in Global Health and Development Kirsten Moore-Sheele, Johns Hopkins University
The Political Machineries of Sanitary Pads as Pro-Poor Technologies: Between India and the World Shobita Parthasarathy, University of Michigan
White people's shit: incremental development and excremental politics Adia Benton
Discussant: Richard Rottenburg, University of Halle

251. Time-Scapes of Toxicity(2) Time of Knowing
Papers for Open Panels/Time-spaces of toxicity
Open Panel
4:00 to 5:30 pm
ICC: E5.7
Participants:
Bodily time, material time: Battling with asbestos in South Korea Yeonsil Kang, The Catholic University of Korea
Constructing Ignorance: Environmental Health Data Under the Toxic Substances Control Act Lauren Richter, Northeastern University; Alissa Cordner, Whitman College; Phil Brown, Northeastern University
Managing the Unimaginable: Tinkering with Temporality in Environmental Disaster Simulation Steve G. Hoffman, University of Toronto
Temporalities of Wildfire, Private-Equity, and Chemical Reaction in the 2014 WIPP-LANL Kitty Litter Accident Vincent Ialenti, George Washington University
The Regulatory and Legal Issues of the Humidifier Disinfectant Disaster in Korea Sangeok Hong, Seoul National University
When Past Shades into Never: Shifting Lay Ontologies of Pollution in Villaputzu, Italy Chiara Carboni, Maastricht University
Chair: Britt Dahlberg, Science History Institute

252. Digital Sexualities, Biomedical Practice, and Queer Realities III
Papers for Open Panels/Digital sexualities, biomedical practice, and queer realities
Open Panel
4:00 to 5:30 pm
ICC: E5.8
Participants:
Reconfiguration of Sex Robots/Reconfiguration of Sexual Practices Tesssa Leach, University of Melbourne
Sex Technology: The Turn to Sexuality in the Age of Robots  
Terence H. W. Shih, St. John's University, Taiwan

The Dance of Disclosure: Recursive Interaction Between Technology Practice and Queer Cultural Norms  
Ashley Marie Walker, Northwestern University

Viral Transmission: Affect, Disidentification and the Curation of AIDS Activist Archives on Tumblr  
Marika Cifor, Bowdoin College

253. Regimes of knowledge production

Closed Panels
Traditional (Closed) Panel
4:00 to 5:30 pm
ICC: E5.9

Participants:

How do specialties reproduce their epistemic regimes?  
Jochen Glaser; Grit Laudel, TU Berlin; Chris Grieser, TU Berlin; Uli Meyer, TU Munich

The diversity of research technologies: A comparative framework  
Eric Lettkemann, Technische Universität Berlin

Epigenetics, Cognitive Heterogeneity and the Research Regimes Hypothesis  
Michel Dubois, Epidapo - CNRS - UCLA

Similar epistemic practices and diverse social structure lead to different social shapings of “functional equivalent” software programmes  
Daniel Guagnin, TU Berlin