

Program at a Glance

Wednesday, August 30

Concurrent Sessions

11:00 am to 12:30 pm

LUNCH

016. Student Section of 4S (6S) Business Meeting w/Kim Fortun

12:30 to 2:00 pm

Floor 3 - Beacon D

017. STHV Editorial Board Meeting

12:30 to 2:00 pm

Floor 3 – Hampton

Concurrent Sessions

2:00 to 3:30 pm

Coffee Break

3:30 to 4:00 pm

Concurrent Sessions

4:00 to 5:30 pm

049. Presidential Plenary: Interrogating 'the Threat'

5:45 to 7:15 pm

Floor 2 - Grand Ballroom

050. Opening Reception

7:30 to 9:30 pm

Floor 2 - Liberty Foyer

Thursday, August 31

051. ESTS Editorial Board Meeting

7:15 to 8:45 am

Floor 5 - Olmstead

Concurrent Sessions

9:00 to 10:30 am

Coffee Break

10:30 to 11:00 am

Concurrent Sessions

11:00 am to 12:30 pm

084. 2017 Fleck Prize winner: Judy Wajcman's *Pressed for Time*

11:00 to 12:30 pm
 Floor 3 - Commonwealth

LUNCH

096. 4S Council Business Meeting

12:30 to 2:00 pm
 Floor 3 - Beacon D

Lunchtime Workshops, 12:45-1:45 pm

097. Ethnografilm Dailies I
 Floor 3 - Commonwealth

098. Image, Material, Transfer: A Materials Lab Workshop
 Floor 5 - Olmstead

099. Getting Out The 1,000 Words 1: Op-ed and Short Form Public Writing Panel Discussion
 Floor 5 - Riverway

101. Making and Doing Presentations

1:00 to 4:00 pm
 Floor 2 - Grand Ballroom

123. Tour of “The Philosophy Chamber” exhibition at the Harvard Art Museums

2:00 to 5:00 pm
 off-site event

Concurrent Sessions

2:00 to 3:30 pm

Coffee Break

3:30 to 4:00 pm

Concurrent Sessions

4:00 to 5:30 pm

133. 2017 Carson Prize winner: Adia Benton's *HIV Exceptionalism*

4:00 to 5:30 pm
 Floor 3 – Commonwealth

144. #QueerSTS4S: Third Annual Happy Hour Meetup

5:30 to 7:00 pm
 The Pour House, 907 Boylston St.

145. 4S Awards Plenary

6:00 to 7:30 pm
 Floor 2 - Constitution

Friday, September 1

Concurrent Sessions

9:00 to 10:30 am

Coffee Break

10:30 to 11:00 am

Concurrent Sessions

11:00 am to 12:30 pm

LUNCH**204. EASTS Journal Editorial Meeting**

12:30 to 2:00 pm

Floor 5 - Public Garden

Lunchtime Workshops, 12:45-1:45 pm**199. Blogs, Backchannels and Short Form Writing**

Floor 3 - Beacon D

200. Building STS Programs

Floor 3 - Beacon E

201. Feminist STS Meet-up

Floor 3 - Beacon G

202. Ethnografilm Dalies II

Floor 3 - Commonwealth

203. Getting Out The 1,000 Words 2: Pitch Slam with Media Editors and Policy Advisors!

Floor 2 - Grand Ballroom

205. Doing Situational Maps and Analysis in STS

Floor 5 - Riverway

Concurrent Sessions

2:00 to 3:30 pm

216. Invited Session: Reproductive Justice and Injustice

2:00 to 3:30 pm

Floor 3 - Commonwealth

Coffee Break

3:30 to 4:00 pm

Concurrent Sessions

4:00 to 5:30 pm

240. 2017 Bernal Lecture: Hebe Vessuri

4:00 to 5:30 pm

Floor 2 - Constitution

254. Plenary: Opportunities and Challenges for an Engaged STS

5:45 to 7:15 pm

Floor 2 - Constitution

255. 4S Banquet

7:30 to 10:30 pm

Floor 2 - Grand Ballroom

Saturday, September 2

Concurrent Sessions

9:00 to 10:30 am

278. Foraging/Walking Tour: "Eating Humans: Eating into Future Cosmologies"

10:00 to 11:00 am

off-site event

Coffee Break

10:30 to 11:00 am

Concurrent Sessions

11:00 am to 12:30 pm

289. Invited Session: Making Sense of Data Revolutions: STS Perspectives on the Social Dimensions and Ethical Obligations of Digital Media Technologies and Data Production

11:00 to 12:30 pm

Floor 3 - Commonwealth

LUNCH

303. SSS Editorial Board Meeting

12:30 to 2:00 pm

Floor 5 - Olmstead

Lunchtime Workshops, 12:45-1:45 pm

304. Math, Law, and Civil Rights: Interdisciplinary Interventions in Gerrymandering

Floor 3 - Beacon A

305. Doing Science through Feminist Speculative Fiction Writing

Floor 3 - Beacon D

306. Ingesting the Informational Imaginary

Floor 3 - Beacon E

307. Ethnographers' Lunch

Floor 3 - Beacon F

Concurrent Sessions

2:00 to 3:30 pm

Coffee Break

3:30 to 4:00 pm

Concurrent Sessions

4:00 to 5:30 pm

353. Student Section of 4S (6S) Happy Hour

5:30 to 7:00 pm

Globe Cafe & Bar, 565 Boylston St.

Wednesday, August 30

001. STS Across Borders

Open Discussion

9:15 to 10:45 am

Sheraton Boston: Floor 3 - Beacon D

Chair:

Kim Fortun, University of California Irvine

002. Disaster Prediction and Preparedness

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

The Construction of an Earthquake Prediction Model in French Nuclear Risk Regulation during the 1970s *Mathias Roger, IRSN*

Governing Uncertainty: Disaster Expertise, Emergent Markets, and the Istanbul Earthquake *Ebru Kayaalp, Istanbul Sehir University; Onur Arslan, Istanbul Sehir University*

The Futurology of Forecasting *Sara de Wit, Institute for Science, Innovation and Society, University of Oxford*

Chair:

Mathias Roger, IRSN

003. Democracy at Risk: Balancing the Benefits and Dangers of Emerging Technologies

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

The Do-It-Yourself Biology Community: Emergent Techno-Social Dynamics in the Age of Democratizing Technologies *Yong-Bee Lim, George Mason University*

The Intersection of Distributed, Generative Technologies and Governance: Additive Manufacturing as Democratizing *Daniel Alexander Tapia-Jimenez, University of California, Davis (UCD)*

Small Modular Reactors: Safety and Security Concerns on the Spectrum of Shifting Technologies *Eric Bronn Jacobson, Center for Global Security Research/ Lawrence Livermore National Laboratory*

Black Box Medical Devices and Struggles for Equitable Design: Conundrums of Practice *Jose F Gomez-Marquez, MIT; Amy Moran-Thomas, MIT*

Chair:

Jaclyn Kerr, Lawrence Livermore National Laboratory/ Stanford University

Discussant:

Jaclyn Kerr, Lawrence Livermore National Laboratory/ Stanford University

004. Textual Analysis and Working with Big Data

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

The Geopolitics of Knowledge Production on the Agrarian Question: The Debate among Editors of Agrarian Studies in International Journals *Joaquim Pinheiro, Universidade de Brasília*

Understanding Big Data and the Associated Epistemologies in Healthcare: A Discourse Analysis of Scientific Editorials *Marthe Stevens, Erasmus University Rotterdam; Rik Wehrens, Erasmus University (Institute of Health Policy & Management); Antoinette de Bont*

A Study Based on Bibliometrics: Visual Sensibility Results in Citation Inflation for Top Scientific Achievements *Guoyan Wang, University of science and technology of China*

The Role of Gender and 'Race' Discourses in Scientific Knowledge Production and Society *Rozlyn Redd, University of Leicester*

The Experimental Reflexivity: Why Sociologists of Technology do not Patent? *Marcos Antonio Mattedi, Universidade Regional de Blumenau; Maiko Rafael Spiess, Universidade Regional de Blumenau*

Chair:

Marcos Antonio Mattedi, Universidade Regional de Blumenau

005. Making Sense of Practice by Engagement I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Knowledge Making Across the Social Body *elizabeth simpson, University of Illinois at Urbana-Champaign*

Musical Expertise, Technical Knowledge and Collaborative Design Methods *Ezra Teboul, Rensselaer Polytechnic Institute*

On Hospitality and Hope: Where Scientific and Technical Infrastructure Negotiates Its Insiders and Outsiders *Stephanie Steinhart*

Chair:

Karin Patzke, State University of New York, College of Environmental Science and Forestry

Discussant:

Ellen Foster

006. Science, Technology and Sport I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Examining Sports, Science, and Technology Studies *Jennifer Sterling, University of Iowa; Mary McDonald, Georgia Institute of Technology*

Race, Science, and the Sporting Bodies: The Scientific Construction of “Asian Physical Inferiority” *Yu-Kuei Sun, Towson University*

The Building Bureau of the National Jewish Welfare Board, Gender Integration at Jewish Ys, and Reforming Athletic Spaces *Linda J Borish, Western Michigan University*

Engineered Athletics: Cold War Science, Technological Consciousness, and Sport in East Germany *Mario Bianchini, Georgia Institute of Technology*

Techno-Physical Feminism: Surveillance, Wearable Technology, & Shifting Risk Paradigms *Renee Shelby, Georgia Institute of Technology*

Chair:

Jennifer Sterling, University of Iowa

007. “Would you Recommend this Shoulder Surgery?” Effect of Online Feedback and Ratings on Health Care Service Provision

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Whose Feedback Is It Anyway? - Enacting Agency in Online Health Experience Reports *Farzana Dudhwala, University of Oxford*

Depression, Science, and Metaphor: Analyzing Testimonials about Transcranial Magnetic Stimulation *Emma Friehe*

“Aren’t these just desperate self-helpers trusting unreliable health-information online?” *Ane Kathrine Gammelby, Aarhus University*

How Hospitals Listen *Malte Ziewitz, Cornell University*

Chair:

Farzana Dudhwala, University of Oxford

008. Visualizing Security: Remote Sensing, Visualization Technologies and the Making of Risk and (In)securities I - Surveillance & Law Enforcement

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Cell Site Simulators and the Visualization of Metadata *Thomas Linder, Queen's University, Kingston, Canada*

Sensors, Signals, Servers: Policing in the Twenty-First Century *Lauren Kilgour, Cornell University*

Smart CCTV: Combining STS with Criminology and Surveillance Studies *Jens Hälterlein, University of Freiburg*

Chair:

Nikolaus Pöchhacker, MCTS, Technical University of Munich

009. Making Medical Innovation Ethical

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Innovating Reproduction: Ethics and Access to Technology and Bodies *Anna Jabloner, Stanford University; Sandra Soo-Jin PhD Lee*

From Chronic to Infectious: Hepatitis C and its "Cure" *Lisa Lehner, Cornell University*

Economic and Infrastructural Barriers to Technological Enhancement of Visually Impaired People in Russia *Alexandra Kurlenkova, Center of Medical Anthropology, Institute of Ethnology and Anthropology, Russian Academy of Sciences*

An Ethics of Enchantment? Analysing the Research Ethics Apparatus of Gene Therapy *Courtney Addison, University of Copenhagen*

Remaking the Ethics and Epistemology of Alternative Biomedicine: Fetal and Stem Cell Therapies in (Post)socialist China *Priscilla Song, Washington University in St. Louis*

Chair:

Elena Sokolova, Institute of Ethnology and Anthropology, Russian Academy of Sciences

010. Postphenomenological Research 1: Scientific Perception

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Zebra Finch Acoustics and Anti-Cognitivism *Don Ihde, Stony Brook University*

On the Difference Between Technical and Technological Mediation: Science-in-the-Making and Science-as-it-has-been-made *Bas de Boer, University of Twente (the Netherlands)*

Do Instruments Really Produce "Easy Knowledge"? *Stanley C Kranc, University of South Florida*

Bachelard, Technoscience, and Cloud Computing (?) *Robert C. Scharff, University of New Hampshire*

Chair:

Peter-Paul Verbeek, University of Twente

011. Transdisciplinary Research: Transforming Sensibilities and/or Making Usable Knowledge?

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

"Them" - Adventures with Civil Society *Anna-Lena Berscheid, University of Paderborn*

Transdisciplinary Publics in the Making: Negotiating Sustainable Energy Research Policy in German *Mirko Suhari, Zeppelin University*

Engaging, Empowering, Enacting Community in Environmental Health Research: Case Study of the Superfund Research Program *Amanda Giang, Massachusetts Institute of Technology*

Engaging Stakeholders in Transdisciplinary Research: Recalcitrant Subjects and Performative Response-abilities *Nicole L Klenk, University of Toronto; Katie Meehan, University of Oregon*

Chair:

Nicole L Klenk, University of Toronto

012. The Tools of the Trade / The Tools for the Job

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax

Participants:

Technology in the Kitchen: Chicken or Egg? *Jonathan LeRoy Biderman*

Aiming Ahead: A Case of Instrument Rejection and Adoption in a Rapidly Changing Work Environment *Zara Mirmalek, Harvard University; Alexander Sehlke, NASA Ames Research Center; Darlene S. S. Lim, BAER Institute, NASA Ames Research Center*

Cyberinfrastructure Tools and the Transformation of Early Researcher Careers *Kerk Fong Kee, Chapman University; Jeremy Hunsinger, Wilfrid Laurier University*

Incertitude of the Science in case of the Highest Luminosity Accelerator *Kohji Hirata, KEK, High Energy Accelerator Research Organization*

Street-Level Bureaucrats and Data Literacy: Finding a Way Forward *Andi Dixon*

Chair:

Andi Dixon

013. Identity Questions: The Digital, Genetic and Microbial Human

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner

Participants:

Digital Phenotype: Human Embodiment or Transhuman Imagery? *Anne Kovalainen, University of Turku, Turku School of Economics; Seppo Poutanen, University of Turku, Turku School of Economics*

Microbial Fingerprints: Towards a New Definition of Identity *FRANCOIS-JOSEPH LAPOINTE, Universite de Montreal*

Trevor Goward, Lichenologist *Derek Woods, Rice University*

Chair:

Derek Woods, Rice University

014. Administrating Science Research and Policy

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Administration as Infrastructure: “Enabling Systems” in Global Health *Johanna Crane, University of Washington Bothell*

The Late Incorporation of Risk Governance into Nanotechnology Policy in Brazil *Josemari Poerschke Quevedo, UFPR - Federal University of Paraná; Noela Invernizzi, Professor in UFPR*

Nanotechnology Policy in Brazil: Rationale, Governance and Challenges *Noela Invernizzi, Universidade Federal do Parana; Guillermo Foladori, Universidad Autonoma de Zacatecas; Josemari Poerschke Quevedo, UFPR - Federal University of Paraná*

Interoperating Imaginaries in a Proteogenomics Data Science Proposal *Andrew Staver Hoffman, Human Centered Design & Engineering, University of Washington*

ICT Demands Conceptual Restructuring of Science *Yuko Murakami, Tohoku University*

Chair:

Yuko Murakami, Tohoku University

015. Promissory Technologies, Disciplinary Boundaries, and the Reconfiguration of Expertise: Cancer in the 21st century

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Molecular Tumor Boards as Collective Expertise: Bio clinical Decision-making in Cancer Genomics *Pascale Bourret, AIX-MARSEILLE UNIVERSITE / UMR SESSTIM; Alberto Cambrosio, McGill University*

Metastatic Breast Cancer and the Hope for Chronicization *Cinzia Greco, University of Manchester*

The Medicalisation of Advanced Cancer in the 21st century: Searching for Life Extension in Incurable Disease *Shan Mohammed, University of Toronto; Elizabeth Peter, University of Toronto; Denise Gastaldo, University of Toronto; Doris Howell, University of Toronto*

From Big C to little c’s: Subtypes of Cancer and their Implications in the Clinic *Anne Kerr,, University Of Leeds; Tineke Broer, University of Edinburgh; Sarah Cunningham-Burley, University Of Edinburgh*

Chairs:

Tineke Broer, University of Edinburgh

Anne Kerr, University Of Leeds

Sarah Cunningham-Burley, University Of Edinburgh

Discussant:

Ilana Lowy, Cnrs-Cermes

016. Student Section of 4S (6S) Business Meeting w/Kim Fortun

Business Meeting

12:30 to 2:00 pm

Sheraton Boston: Floor 3 - Beacon D

017. STHV Editorial Board Meeting

Business Meeting

12:30 to 2:00 pm

Sheraton Boston: Floor 3 - Hampton

018. Anticipating and Narrating Disaster

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

The Social Structure of Reputational Damage Caused by Risk-related Event in Japan *Nobuko Ueno, Chiba Institute of Technology*

Before Landfall: Anticipatory Sentiments in Media Coverage of Hurricanes from 1980 to 2012 *Ly Dinh, University Of Illinois-Urbana-Champaign*

Framing a Wildlife Disaster *Vanessa Svihla, University of New Mexico*

Basic Research: The Source of Hidden Disasters *Yidong LIU, STS Center of the Institute for the History of Natural Sciences, Chinese Academy of Sciences.*

Chair:

Vanessa Svihla, University of New Mexico

019. Facts, Artifacts, and the Politics of Scientists' Participation in Korea

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

How to Count 1 Million Candle Lights? The Politics of Counting and the Participation of Physicists in Korea *Sungook Hong, Seoul National University*

EyeCan: A Corporate Research, Appropriate Technology, and Responsible Research and Innovation in Korea *June-Seok Lee, DGIST (Daegu-Gyeongbuk Inst. of Sci. and Tech.)*

The Controversy over the 'ROKS Cheonan Sink' and the Significance of Democratic Partipitation *Cheol-Woo Oh, The Hankyoreh Media Group*

The Herbal Pharmaceutical Industry in South Korea *Eunjeong Ma, Pohang University of Science and Technology*

Chair:

Wen-Hua Kuo, National Yang-Ming University

Discussant:

Hyomin Kim, University Of Illinois

020. The Poetics of Denial: Knowledge-Making and Expertise in a "Post-Fact" Era I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Climate Science, Censorship and Denial: A Sociotechnical Imaginary *Rosalind Donald, Columbia University*

REDD and the Politics of Denial: Repackaging Old Forms of Intervention *Raquel Machaqueiro, George Washington University*

The Certainty of Denial *Jonna Yarrington, University of Arizona*

Chair:

Chloe Ahmann, George Washington University

Discussant:

Sabrina Peric, University of Calgary

021. Data-bilities: Rendering Data Accessible, (Inter-) Operable, Mobile, Accountable

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Climate Data Rescue's "Guerilla Archiving" as Counter-Data Action *Britt Paris, UCLA Department of Information Studies*

Data Infrastructures and Institutions for Climate Model Intercomparison Projects *Matthew Mayernik, National Center for Atmospheric Research; Paul N Edwards, University Of Michigan*

How Numbers Travel between Sites: On Quantifications within and across Practices of Healthcare *Iris Wallenburg, institute for Health Policy and Management; Anna Essén, Stockholm school of economics, department of business administration; Roland Bal, Erasmus University Rotterdam*

Practices of Datafication and the Crafting of New Forms of Sociality in Indian Public Health *Séamas Kelly, University College Dublin; Camilla Noonan, University College Dublin*

Blockchain Databases and the Ongoing Drive to Secure Information *Brian Kinnee, Cal Poly SLO*

Chair:

Victoria Neumann, MCTS, Technical University of Munich

022. Making Sense of Practice by Engagement II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Playing With Tools and Making Sense of Information Security and Privacy *Niranjan Sivakumar*
Craft, Computation, and Technology: The Practice of Wire-Bending in Trinidad & Tobago
Vernelle A Noel, Penn State University

The Sensibility of Surfing Uncertainty *Zachary Parke Dixon, Embry-Riddle Aeronautical University*

Chair:

Ellen Foster

Discussant:

Tania Pérez-Bustos, National University of Colombia

023. Science, Technology and Sport II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

'Nomos and Narrative': How Law Comes to Know the Science of Brain Injury and Sport
Kathryn Henne, University of Waterloo/Australian National University

"A Clear Conscience": Advertising Football Equipment and Responsibility for Injuries
Kathleen Elizabeth Bachynski, American Academy of Arts & Sciences

Reading Minds: Trauma and Neuroscience in the Age of CTE
Matt Ventresca, Georgia Institute Of Technology

The (In)Sensibility of Authentic Hormonal Masculinity.
Cora Olson, Virginia Tech Carilion School of Medicine

Binary Vision: Sex Difference and the Reproduction of Ignorance at the Olympic Games
Madeleine Pape, University of Wisconsin-Madison

Chair:

Mary McDonald, Georgia Institute of Technology

024. Drs. Mom and Dad: Patient and Caregiver Expertise and the Reconfiguration of Medical Authority I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Fetal Ultrasound in Russia: Practices of Acceptance and Rejection
Anna Ozhiganova, Center of Medical Anthropology, Institute of Ethnology and Anthropology, Russian Academy of Sciences

Shroom Stories: Collective Self-Experimentation as an Epistemology of Citizen Science
Joanna Kempner, Rutgers University; John Bailey, Rutgers University

The Construction of an Autism Epidemic in Korea
Hawon Chang, Seoul National University

Learning Through the Sensibilities of Chronic Self-Care: STS and Diabetes Management
Vincent Pidoux, University of Lausanne, Faculty of Social and Political Sciences

Chair:

Nicholas Buchanan, University of Freiburg

025. Visualizing Security: Remote Sensing, Visualization Technologies and the Making of Risk and (In)securities II - Knowledge Production in Insecure Worlds

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Neither Dead nor Alive: The Messenger is a Ghost in these Unlovely Places *Natalie Danielle Baker, Sam Houston State University*

Pixel or it Didn't Happen: Thinking With (and Through) Terrestrial Pixels *Samantha Jo Fried, Virginia Tech*

Where is Zika? Exploring the Ambiguities of Algorithms, Data and Judgment *Francis Lee, Uppsala University*

Visualizing Absence: Images of Absence of Risk and Risk of Absence as Challenges to Visualization *Ann Rudinow Saetnan, NTNU; Rocco Bellanova, UVA*

Chair:

nina witjes, MCTS TU München

026. Technological Innovation, Primary Healthcare and Social Justice I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Chinese Diseases Question Answering System and its Influence on Health Care *Haodong Zhang, National Academy of Innovation Strategy, China Association Science and Technology; Wang Zheng, Institute of Scientific and Technical Information of China; HUI LUO, National Academy of Innovation Strategy, CAST; Jing Xue, China Association Science and Technology; Xingchuan Li, China Association Science and Technology*

Genomics for Breast Cancer Prevention: Decision-makers' Views on Socio-ethical and Organizational Challenges *Julie Hagan, Université Laval; Emmanuelle Lévesque, Centre of Genomics and Policy, McGill University; Bartha Maria Knoppers, Centre of Genomics and Policy, McGill University*

Queering Quality: How Data About Patients' Gender and Sexuality Shapes HIV/AIDS Care in Atlanta *Stephen Mollrem, The University of Michigan*

Chairs:

HUI LUO, National Academy of Innovation Strategy, CAST

Zhengfeng Li, Institute of Science, Technology and Society, Tsinghua University

027. Postphenomenological Research 2: Mediated Spaces

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

On Hostile Architecture: The Inscription of Discriminatory Agendas into Public-Space Artifacts *Robert Rosenberger, Georgia Institute of Technology*

Technological Environmentalism: Bringing Back the World into Human-Technology Relations *Margoth González Woge, Department of Philosophy, University of Twente*

Making Sense of "Smart Houses": Towards the Ontology of the Future *Søren Riis, Roskilde University*

Wearable Computers, Transparency and the Gaze of Others *Nicola Liberati, Department of Philosophy, University of Twente*

Chair:

Don Ihde, Stony Brook University

028. Durable Problems, Parasitic Technologies, and Capital Extraction: An Exercise in Accounting for Amplification

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Technically Rationalized Problems and Their Solvents: The Case of Managerial Democracy in India *Patrick Jones, University of Oregon*

Programmatisation and Movement: Plots, Speculation, and Capital in Urban Pakistan *Tariq Rahman, University of California, Irvine*

Viral Programming and the Reproduction of Problems: Deferred Racial Reform through Anti-Bias Training in the Chicago Police Department *Sarah T. Hamid, Microsoft Research New England*

Encountering Evidence(s): Recasting Participation in Drug Policy Processes *Kari Lancaster, UNSW Australia; Alison Ritter, Drug Policy Modelling Program, National Drug and Alcohol Research Centre, University of New South Wa; Rosalyn Diprose, School of Humanities & Languages, University of New South Wales, Sydney, Australia*

Chair:

Sarah T. Hamid, Microsoft Research New England

Discussant:

Daniel M. Greene, Microsoft Research

029. Humanitarianism and Development

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax

Participants:

The Hidden Disaster of Donation Management *Rachel Dowty, University of New Haven*

Strengthening STS Sensibilities: Taking Co-production to the Humanitarian "Periphery" *Katja Lindskov Jacobsen, Copenhagen University*

Bridging STS and Innovation Systems Approaches to Knowledge-based Development in Africa: Towards an Endogenous Systems of Innovation Framework *Ogundiran Soumonni, University of the Witwatersrand, South Africa*

Chair:

Rachel Dowty, University of New Haven

030. (In)Sensibilities of Human and Microbial Lives

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner

Participants:

The Synthetically Biological Morphology of Human-yeast Relationships *Erika Amethyst Szymanski, University of Edinburgh*

Brett's in the House: Fermenting Value, Care, and Microbial Cultures *Andrew Ian Murray, University Of California At Santa Cruz*

Health Hazard: The Dangerous Proliferation of a Pet Parasite *Sophia Anne Strosberg, University Of Minnesota, Twin Cities*

Fermentation as Metaphor and Praxis for Living Impurely *Stephanie Maroney, University of California, Davis*

Chair:

Stephanie Maroney, University of California, Davis

Discussant:

Amber Benezra, NYU Tandon School of Engineering

031. Innovation, Information and Bureaucracy

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Technological Empowerment: A Case Study of the Technology Incubators in Beijing *ShihMing Wu*

Innovation on Standby: Political Pitfalls, Economic Uncertainty, and Scientific Frustrations in Local Computer Innovation at Rio de Janeiro's National Computer Science Laboratory (LNCC) *Beatrice Chicago Choi, Northwestern University*

Comparative Case Studies on Latin American Open Access Infrastructures *Luis Ignacio Reyes-Galindo, State University of Campinas - UNICAMP*

Chair:

Luis Ignacio Reyes-Galindo, State University of Campinas - UNICAMP

032. Limits of "Infrastructure"

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Multiple Infrastructures in the Oil and Gas Industry and the Consequences of Their Interpretative Flexibility *Stefania Sardo, BI Norwegian Business School*

Mending the Gap: An Investigation into Wheelchair Users' Shaping of London Public Transport *Raquel Velho, University College London*

Infrastructural Incommensurabilities: Ethics and Policy within Institutional Arrangements *Stacy Wood, University of California Los Angeles*

Designing at and Against the Limits of Information Infrastructure *Lindsay Poirier, Rensselaer Polytechnic Institute*

Decay, Compost, Textures, Containers: Infrastructure's Constitutive Outsides *Scout Calvert*

Chairs:

Robert Montoya, University of California, Los Angeles

Gregory Leazer, UCLA

033. Coffee Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

034. Managing Disaster

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Expert-Expert Gap? A Study of Heterogeneity in Risk Perceptions among Nuclear Experts and Its Implications for Risk Governance *Bitna Lee, Korea Advanced Institute of Science and Technology (KAIST); So Young Kim, KAIST*

Making Uranium (In)Visible: the Technopolitics of Biomonitoring in the "Grants Uranium District" *Thomas De Pree, Rensselaer Polytechnic Institute*

Governing Disasters through Telecommunication: The Safe-Net Project and Post-disaster Policy in South Korea *Sungeun Kim, Korea Advanced Institute of Science and Technology (KAIST)*

How Do We Know Failure? *Dawn Goodwin*

Chair:

Dawn Goodwin

035. Decolonial STS: Views from South Asia

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

A Postcolonial Dilemma: STS and Colonial Entanglements of Science in India *Amit Prasad, University Of Missouri-Columbia*

The Suspicious Demise of a Revolutionary Leader: Rumor & the Work of the Dead in Tamil Politics *Bharat Jayram Venkat, University of Oregon*

Decolonizing the Organic Psyche: Revising Maps of "Global Medicine" with Mid-20th century Indian Psychiatry *Sarah Pinto, Tufts University*

Making Postcolonial Bodies: The Biopolitics of Hindu Nationalism *Banu Subramaniam, University of Massachusetts Amherst*

Transfused Kin, Transplanted Citizens: Scenes of Embodied Activism in Contemporary India *Dwaipayan Banerjee, MIT*

Chair:

Sarah Pinto, Tufts University

Discussant:

Projit Mukharji, University of Pennsylvania

036. The Poetics of Denial: Knowledge-Making and Expertise in a "Post-Fact" Era II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

"It's Like an Air Filter": Alternative Facts on Waste Incineration *Chloe Ahmann, George Washington University*

"Somebody Has to Stand Up to Experts": Classifying Authority in Texas Curriculum Controversies *Christopher Robertson, Northwestern University*

Controversialism and Counter-Revolution: Fringe Science as Reaction *Andrew Bartlett, University of Sheffield*

MIA Accounting and the Politics of Skepticism *Sarah Wagner, George Washington University*

Chair:

Raquel Machaqueiro, George Washington University

Discussant:

Graham Jones, MIT

037. Engaging with Data: Making Sense of Data

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Big Capta and the Digital Sensorium *Jeremy Hunsinger, Wilfrid Laurier University*

Data Sprints as Critical Digital Methods *Michael Hockenhull, IT University of Copenhagen*

Recovering the Data Sublime *Gabby Resch, University of Toronto*

The Epistemic Structure of Climate Science: Examining Cooperation Through Citation Networks *Mike Thicke*

A Pragmatic Theory of Social AI *Anja Bechmann, University of California, Irvine & Aarhus University*

Chair:

Marcus Burkhardt, Technical University Munich

038. Craft as Practices of Knowledge Making

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Making, Crafting and Human Development: Crafters and Coders Experiences of Digital Fabrication Technologies *Cian O'Donovan, University of Sussex; Adrian Smith; W Edward Steinmueller, University of Sussex*

Strong and Precarious Machines: Caring for Ceramic Kilns in Kyoto (Japan). *Alice Doublier, Université Paris-Nanterre*

Chasing the Fit: DIY Housing Experiments in the Woodshop *Kristin Dew, University of Washington*

The Creative Machine: Sound, Instruments, and Artificial Intelligence *Lauren Flood, Massachusetts Institute of Technology (MIT)*

Craft and STS *Roger Andre Sjøraa, NTNU; Håkon Fyhn, NTNU*

Chair:

Roger Andre Sjøraa, NTNU

039. Science, Technology and Sport III

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

The Corporate Production of Sport Science in the Age of Obesity *Susan Greenhalgh, Harvard University*

How Does Exercise in Pregnancy ‘Matter’ in the Era of Epigenetics? *Shannon Jette, University of Maryland; Katelyn Esmonde, University Of Maryland College Park*

Know the Game, Play the Game, Shape the Game *Alexandre Hocquet, Université de Lorraine*

Sporting Chances: Robot Referees and the Automation of Enforcement *Meg Leta Jones, Georgetown University; Karen Levy, Princeton University*

Crafting Fun: Tinkering, Innovation and Pleasure in the Invention of Mountain Biking *Sarah Reboloso McCullough, University of California San Diego*

Chair:

Jennifer Sterling, University of Iowa

040. Drs. Mom and Dad: Patient and Caregiver Expertise and the Reconfiguration of Medical Authority II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Facebook as a Clinic: Virtual Community and the Medical Gaze *Nicholas Buchanan, University of Freiburg*

Patient Expertise and “Ambivalent Medicalization”: The Case of Chronic Fatigue Syndrome/ME *Emily Rogers, New York University*

Prescribing Benzodiazepines in Uruguay: Tensions in Doctor-Patient Relationships *Andrea Clara Bielli, Universidad de la República; María Pilar Bacci, Universidad de la República; Gabriela Lilián Bruno, Universidad de la República; Nancy Calisto, Universidad de la República; Santiago Navarro, Universidad de la República, Uruguay*

‘It is Not a Pill’: Engaging a Randomized Controlled Trial of Person-Centred Care *Doris Lydahl, University of Gothenburg*

Chair:

Nicholas Buchanan, University of Freiburg

041. Security in the Anthropocene: The Peripheries of Order

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Sensing Intrusion: The Fallible Logic of Home Security *Misha Bykowski, Stanford University*

Technopolitics of Security Governance: Recalibrating Police Violence in Turkey *Hayal Akarsu, University of Arizona, School of Anthropology*

Making Objects of Security Non-Concern: Anomaly-Handling Strategies in Geoengineering and Synthetic Biology *Samuel A Weiss Evans, Tufts University*

The Role of Risk in the Canadian Drone-scape: Stakeholder Narratives around Security and Surveillance Technologies *Ciara Bracken-Roche, Queen's University, Department of Sociology*

Chairs:

Nathanael Bassett, University of Illinois at Chicago

Jason Archer, University of Illinois at Chicago

Discussant:

Nathanael Bassett, University of Illinois at Chicago

042. Technological Innovation, Primary Healthcare and Social Justice II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

REmaking Patients: The Case of a Robotic Brain Function and Cognitive Assessment *Paige Upton, Queen's University*

Responsible Research and Innovation in Healthcare Policy Delivery: A Qualitative Study of the "Size Acceptance" Programme to Obesity Management *Lada Timotijevic, University of Surrey; Emily Porth, University of Surrey*

Research on the Upgrading of Primary Medical Technology Based on Social Equity *Zhihong Li, School of public policy and management, Chinese Academy of Sciences; Honghong Cheng, School of Public Policy and Management, University of Chinese Academy of Sciences*

Technological Innovation and Governance: Case Study of Primary Healthcare in China *Zheng Li, NAIS, CAST; HUI LUO, National Academy of Innovation Strategy, CAST; Chunping Liu, National Academy of Innovation Strategy, CAST; Hongwei Wang, National Academy of Innovation Strategy, CAST*

Chair:

Achim Rosemann, University of Warwick

043. Postphenomenological Research 3: Media and Design

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Fake News and the Politics of Mediation *Peter-Paul Verbeek, University of Twente*

Thinking Through the Screen: A Postphenomenological Investigation into Digital Drawing in Architecture Education *Inger Berling Hyams, Roskilde University*

Design Visualizations as Service Interfaces *Fernando Secomandi, Escola Superior de Desenho Industrial - UERJ*

From Hermeneutic Relations to Writing relations *Galit Wellner, The NB School of Design & Tel Aviv University*

Chair:

Don Ihde, Stony Brook University

044. Digital Constitutionalism: Remaking Social and Informational Orders

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Online Speech and the Global Digital Constitution *Jaclyn Kerr, Lawrence Livermore National Laboratory/ Stanford University*

Market Federalisms, Network Architectures: The Constitutional Order of Financial Regulation at the Origins of the National Market System for Stock Trading, 1968-1978 *Devin Kennedy, Harvard, History of Science*

Making and Governing Neural Life: Constitutional Dynamics in Neuroethics, Digital Discourses, and Brain-Computer Interfaces *Matthew Sample, Institut de recherches cliniques de Montréal*

Promissory Notes: Constituting the Trusted Time-Horizon of Cryptocurrency *Gili Vidan, Harvard University*

Democratic Wisdom and Technical Know-How in the SOPA Fights of the Obama Administration, 2010-2012 *Marc Aidinoff, Massachusetts Institute of Technology*

Chair:

Margarita Boenig-Liptsin, Harvard University

Discussant:

Wendy Hui Kyong Chun, Brown University

045. Sites and Sights of Militarism: Subjectivities and Knowledge-Making in STS

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax

Participants:

“To Touch With Our Finger All the Wounds”: An Insurgent Bioethics *Cristina Visperas, University of Southern California*

Crafting Ideal Family: Vietnamese Refugees, Sociology and Domestic Racism *Linh Thuy Nguyen*

(In)Sensible Calculations: A History of Mathematical Militarism, 1942-1953 *Theodora J Dryer, University of California, San Diego*

Chair:

Kalindi Vora, University of California San Diego

046. Living with Microbes and Viruses

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner

Participants:

Slow Thaw: Cold War Residues in the Negotiation to Bring Cuban Cancer Vaccines to the US. *Naomi Schoenfeld, UCSF*

Vaccination, Uncertainty, and Risk: A Different Perspective on Vaccine Hesitancy *Tarryn Abrahams, Virginia Tech*

A Biopolitical Landscape: Disease Surveillance *Cate Portillo-Silva, University of California, Merced*

The Apparatus of Enmity: Microbes, Antibiotic Resistance, ‘Culture’ *Rijul Kochhar, Massachusetts Institute of Technology*

Chair:

Rijul Kochhar, Massachusetts Institute of Technology

047. Situating Innovation, Interrogating Power

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

The Re-Emergence of the Urban Laboratory *Andrew Schrock, Chapman University*

Redesigning Economic Development: Innovation in a City Government *Holly Okonkwo, University Of Denver*

Experiencing Innovation *Seyram Avle, University of Michigan - School of Information*

In the Name of Innovation: How a Contemporary, Multi-tiered Reform Movement Came to Focus on Remaking the City *lee vinsele, Virginia Tech*

Chair:

Seyram Avle, University of Michigan - School of Information

048. Navigating Liminal Spaces in Scientific Knowledge Production

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Does it Matter HOW Data are Created? *Louise Bezuidenhout, Institute for Science Innovation and Society*

Institutional Cognition across the Clinic – Research Divide *Chris Goldsworthy, Institute for Science, Innovation and Society, University of Oxford*

On the Predictive Power of Forecasting *Sara de Wit, Institute for Science, Innovation and Society, University of Oxford*

Making Energy Futures Sensible: Expert Imaginaries and Affect *Christopher Groves, Cardiff University, Cardiff, Wales, United Kingdom; Karen Henwood, Cardiff University; Nick Pidgeon, Cardiff University, Uk; Fiona Shirani, Cardiff University*

Chairs:

Chris Goldsworthy, Institute for Science, Innovation and Society, University of Oxford

Louise Bezuidenhout, Institute for Science Innovation and Society

Discussant:

Javier Lezaun, University of Oxford

049. Presidential Plenary: Interrogating 'the Threat'

Plenary Session

5:45 to 7:15 pm

Sheraton Boston: Floor 2 - Grand Ballroom

Chair and Moderator:

Lucy Suchman, Lancaster University

Panel Members:

Karen Barad, University Of California at Santa Cruz

Steven Epstein, Northwestern University

Joseph Masco, The University of Chicago

Amade M'charek, University of Amsterdam - AISSR

Kim TallBear, University of Alberta, Canada

050. Opening Reception

7:30 to 9:30 pm

Sheraton Boston: Floor 2 - Liberty Foyer

Thursday, August 31

051. ESTS Editorial Board Meeting

Business Meeting

7:15 to 8:45 am

Sheraton Boston: Olmstead

052. Feminist STS Analyses of Reproductive Medicine I: Contraception and Preconception

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon A

Participants:

Dealing with the Uncertainties of the Pill: How Stakeholders Negotiate the Risks of New Contraceptive Technologies *Alina Geampana, McGill University*

Demographic (In)Sensibilities in the Contraceptive Age *Carole McCann, UMBC*

Ethnography of the Unborn: Schools of Pregnancy and Turkish Reproductive Politics *Hatice Nilay Erten, Yale U*
Infant Cognition and the Senseniversity

Men, Medical Knowledge, and Reproduction *Rene Almeling, Yale University*

Life with LARC: Investigating the Reproductive Choice-Making of Young Adults *Jenny Dyck Brian, Arizona State University; Patrick R Grzanka, The University of Tennessee; Emily Mann, University of South Carolina*

Chair:

Alina Geampana, McGill University

053. Interrogating Food Science and Technology I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon B

Participants:

Mitigating the 'Credibility Paradox' in the Social Negotiation of 'Good Food' in China *Joy Zhang, University of Kent*

Nixon's Nuggets: Engineered Food and Culinary Inequality *Hannah LeBlanc, Stanford University*

Are Perceptions of 'Unnatural' Important To the Acceptance of Technology in Food Production? *Ellen Goddard, University of Alberta*

Taste No. 5: Imperial Japan, Protein Chemistry, and Race-making with Monosodium Glutamate (MSG) *Sarah Tracy, University of California, Los Angeles*

Chairs:

Jacob Lahne, Drexel University

Christy Spackman, Harvey Mudd College

054. Anthropocene, Capitalocene, Technoscience I: Anthropocene and Capitalocene as a Diagnosis

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon D

Participants:

What is a Good Seed? Sense Making, Everyday, and Nostalgia around Genetically Modified Seeds in India *Ashawari Chaudhuri, MIT*

A Theory of Technology and the Nexus between Nature, Artificiality and Capitalocene *Horacio Correa-Lucero, IESAC-Universidad Nacional de Quilmes*

“Governmentalities” of Conservation Science at the Advent of Drones: Situating an Emerging Technology *Lisa Ann Avron, Cornell University*

Overcoming Typological Thinking and Reification: Local Varieties of Crops as a Biosocial Process *Lev Jardón Barbolla, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM*

Transnational Advocacy and the Future Anterior of Terminator Technologies *Stephen Kingsley Scott, Harvard University, Department of Anthropology*

Chair:

Andrzej Wojciech Nowak, Philosophy Institute Adam Mickiewicz University

055. Sounding Worlds: Listening as Transformative STS I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon E

Participants:

Sounding Data: Pedagogies of Sonification for STS *Owen Marshall*

Listening, Materiality, and Uncertainty: Surface Noise in Phonographic Records *Chen-Pang Yeang, University of Toronto*

Playing with Low Voltages: The Interface and Instrumentality of Modular Synthesizers *Eliot Bates, City University Of New York Graduate Center*

Chairs:

Julie Laplante, University of Ottawa

David Jaclin, University of Ottawa

Discussant:

Stefan Helmreich, Massachusetts Institute of Technology (MIT)

056. Science-Making: Epistemic Authority, Scientific Knowledge and the Production of Meaning

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon F

Participants:

Enzymatic Genealogies: Historical Narratives of G6PD Deficiency in the Middle East *Elise K Burton, University of Cambridge*

Protection against Honeybees: Intimacy, Technoscience and Environment in the History of Beekeeping *Angelica Marquez-Osuna, Harvard University*

Sexuality and the Social Object in Colonial India *Durba Mitra, Harvard University*

Optics of Recognition: The Calibration of Genetic and Cultural Difference in Roma Population Genetics *Margaretha Blihnaut, Harvard University Anthropology Department*

Chair:

Durba Mitra, Harvard University

057. Bodies, Technologies, and In/Sensibilities in Movement I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon G

Participants:

Anticipating Iteration: Sensing Machines and Disabled Bodies in Germany *Shawn Bender, Dickinson College*

Making Sense of Pain: Running and Cycling through Modes of Dis-/Entanglement *Robin Rae; Samuel Haraway, University Of California Davis*

Squeeze, Thud, Flow, Release – The Entangled Becoming of Bodies in Egg Donation *Matilde Lykkebo Petersen, University of Southern Denmark, Department for the Study of Culture*

Use of Mediating Technologies in Authentic Movement *Elena Sokolova, Institute of Ethnology and Anthropology, Russian Academy of Sciences*

Chair:

Samuel Haraway, University Of California Davis

058. Together again? New Perspectives on STS and Innovation Studies

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon H

Participants:

Tensions in the Pursuit of “Health and Wealth”: Innovation Accelerator Agencies & Regenerative Medicine *John Grant Gardner, Monash University, Australia*

The Evolving Relationship between STS and Science Policy and Innovation Studies (SPIS) *Ben Martin, SPRU University of Sussex*

How Did We Grow Apart? *Robin Williams, The University of Edinburgh*

Innovation Science and the Moving Justification of Publicly Funded Research *Joakim Juhl, DTU*

R&D Collaboration in a Post-linear Context: The Role of Publicly Funded Research in the Private Sector *Jane Vedel, Copenhagen Business School*

Chair:

Alan Irwin, Copenhagen Business School

Discussant:

Alan Irwin, Copenhagen Business School

059. Making Sense of Autonomous Technologies I: Interrogating Autonomy and the Politics of Technology

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Berkeley

Participants:

Autonomous for What? Big Data, AI and the Problem of Certainty *Madeleine Elish, Columbia University*

Do Algorithms Have Cosmopolitics? A Discussion Based on Facebook's Nudity Policy *Amanda Chevtchouk Jurno, UFMG; Carlos D'Andréa, UFMG*

Wild Avant-Garde: The Brazilian Counterculture as Technologies of Dissent *Tiago Chagas Soares, Universidade de Sao Paulo*

Autonomous Technologies Go to War: The UN Debate over Autonomous Weapons Systems and the Socio-Technics of Control *Peter Asaro, The New School University*

Chair:

Colin Garvey, RPI

Discussant:

Langdon Winner

060. Gender in Academia I: Struggling for Gender Balance

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Clarendon

Participants:

The Uneven Development of Gender Balance among University Professors *Knut H Sørensen, NTNU, Dept. Of Interdisciplinary Studies Of Culture*

Managing Gender Balance: How Heads of Departments Deal with Challenges of Equal Opportunities *Siri Øyslebø Sørensen, Norwegian University of Science & Technology (NTNU)*

Gender Issues in a Newly Formed Departmental Committee on Diversity in Physics *Mirjam Fines-Neuschild, Université de Montréal*

Becoming a University Professor: Men and Women's Strategies *Vivian Anette Lagesen, NTNU*

Science Laboratories: Understanding the Relationship of Gender and Science *Chandni Dipak Vadhavana, Central University of Gujarat*

Chairs:

Knut H Sørensen, NTNU, Dept. Of Interdisciplinary Studies Of Culture

Vivian Anette Lagesen, NTNU

061. Antecedents, Interventions and Post-Truth Politics: The Performance and Politicization of Climate Science and Market Fundamentalism

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Commonwealth

Participants:

Historicizing Post-Truth: Possible Contributions to a Critique of Populism *Naomi Oreskes, Harvard University - History of Science*

Techniques of Resilience and Resistance in International Climate Policy *Jessica O'Reilly, Indiana University Bloomington*

Hell is Truth Seen Too Late *Philip Mirowski, Univ. of Notre Dame*

The Mediatization of Arctic Change: The Performance and Politics of Near-real-time Sea Ice Data Visualizations *Mark Vardy, Princeton University*

Chair:

Mark Vardy, Princeton University

062. Academic Evaluation in an Age of "Post Truth" I: "Issues"

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Dalton

Participants:

The Reproducibility Crisis and Its Critics: Scientists' Evaluations of the Stability of their Findings *Nicole C Nelson, University Of Wisconsin-Madison*

Below the By-line: The Curious Practice of Evaluating Career 'Trajectories' in Academic Biomedicine *Björn Hammarfelt, University of Borås; Alex Rushforth, University of Oxford; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)*

Peer Review in Mathematics: Degrees of Correctness? *Christian Greiffenhagen, The Chinese University of Hong Kong*

Resistance, Opportunism, or Something Else? Gaming and Manipulation of Academic Metrics Systems *Jo Ann Oravec, University of Wisconsin Whitewater and Madison*

Redefining "Publication" and "Evaluation" *Mario Biagioli, UC Davis STS Program & Law School*

Chair:

Claes-Fredrik Helgesson, Linköping University, Technology and Social Change

063. Can Improved Science and Technology Mean Progress? I: Barriers

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Exeter

Participants:

Obduracy: A Barrier to More Intelligent Steering of Spaceflight *Michael Bouchey*

Observing, Inflecting and Comparing Expert Performances of Smart Energy *Erik Fisher, Arizona State University; Anne Hammang, ASU; Anthony Levenda, Arizona State University; Thaddeus Miller, Arizona State University; Jennifer Richter, Arizona State University*

Neglected Tropical Diseases: The Production of Neglect in Policy Problems *Samantha Vanderslott*

Chair:

Michael Bouchey

Discussant:

Taylor Dotson, New Mexico Tech

064. Emerging Technologies and Conservation I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Anticipation and the Co-Production of Resurrection Science and Policy *Jessica Cavin Barnes, North Carolina State University*

Adapting Restoration Science to a Changing Climate *Shana Lee Hirsch, University of Idaho*

Bioaerosols and the Calibrative Space *Peter Taber, University of Arizona*

Bayesian Predictability as an Entry to Justice-Oriented Futures *Elizabeth Hare*

Understanding Narratives Surrounding the Genetically Modified American Chestnut Tree

Through the Narrative Policy Framework *Jayce Sudweeks, North Carolina State University*

Chair:

Kathleen Barnhill, North Carolina State University

065. What is '(Un)making' STS Ethnographies? Reflections (Not Exclusively) from Latin America

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Corpo-Real Ethnographies: Bodies, Dissection Planes, and (Non)Difference. Anatomies for the Violent Conflict in Colombia *Santiago Martínez Medina, Universidad de los Andes; Julia Morales Fontanilla, UC Davis*

Decolonizing/Indigenizing: Speculating on 'Ethnography as Healing' *Krishna J Hernandez, UC Santa Cruz*

How Embroidery Can (Un)Stitch Ethnography? *Tania Pérez-Bustos, National University of Colombia*

Labyrinth to Pinwheel: STS Ethnography in an Archive *Amy Cox Hall, Amherst College*

Mestizo Animals: Penguins and Huemules in Two Socio-Technical Controversies *Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach; Colombina Schaeffer, University of Sydney*

Chairs:

Fredy Mora-Gómez, Linköping University

Santiago Martínez Medina, Universidad de los Andes

Tania Pérez-Bustos, National University of Colombia

066. Whiteness and Technoculture I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner A

Participants:

Digital Apprehensions: Content Moderation and the Policing of Child Pornography *Mitali Thakor*

Already Otherwise: From Assimilation to Possibility as Intersectional Critique of Technoculture *Lilly Nguyen*

"Design Thinking" and the Racialization of Expertise *Lilly Irani, University of California, San Diego*

Chair:

Lilly Nguyen

Discussant:

Jennifer Hamilton, Hampshire College

067. Dynamics of Knowledge: Bioeconomy and Health I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner B

Participants:

Expertise Data and Accountability from Evidence Based Medicine to Measurement Based Medicine *David Mercer, University of Wollongong*

Molecular Biotechnology and the Political Economy of Cancer Care *Shirley Sun, Nanyang Technological University*

Pink Drill Bits: A Feminist Analysis of Fracking and Breast Cancer Advocacy *Kristen Abatsis McHenry, Spelman College*

Chair:

Susanne Lettow

Discussant:

maria c da costa, Universidade de Campinas - UNICAMP

068. IPBES and Sensing the Politics of Biodiversity

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton A

Participants:

A Funny Thing Happened On My Way to the Anthropocene *Zoe Nyssa, Purdue University*

Systemic Changes in the Quest for Sustainable Inclusive Development: IPBES Agenda through the Light of a Small Country Case-Uruguay. *Isabel Bortagaray, Universidad de la Republica*

A Lawyer's Perspective on the IPBES: Law and STS as Analytical and Normative Tools *Guillaume Futhazar, University Aix-Marseille / OT-Med*

Buzzing News: Analyzing the Worldwide Media Impact of the IPBES Pollination Assessment *Aleksandar Rankovic, IDDRI; Tommaso Venturini, Sciences Po Paris; Kari De Pryck, Sciences Po / University of Geneva; Virginie Tournay; Isabelle Dajoz, Université Paris-Diderot; Yann Laurans, IDDRI - Sciences Po*

Chair:

Aleksandar Rankovic, IDDRI

Discussant:

Alice Vadrot, University of Cambridge

069. Life and Death of Partnerships in Research and Innovation I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton B

Participants:

Towards Evidence-Based Scientific Collaboration Policy *Adam Ploszaj, University of Warsaw;*
Agnieszka Olechnicka, University of Warsaw

Funding Partnerships in Research and Innovation *Julie Sommerlund, University of*
Copenhagen, Faculty of Humanities

Process Indicators and the Valuation of Research and Innovation Partnerships *Signe Vikkelsø,*
Copenhagen Business School; Mikkel Stokholm Skaarup, Copenhagen Business School

Chair:

Signe Vikkelsø, Copenhagen Business School

070. Predictability's Promises I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Jefferson

Participants:

Predicting is Dangerous: Experts, Earthquakes, and Avowal *Elizabeth A. Reddy, University of*
San Diego

The Will to Predict: Oil Exploration, Temporality and the Work of Imagination in Turkey
Zeynep Oguz, The Graduate Center of the City University of New York

Predicting the Unpredictable: Making Sense of the Deep Future of Radwaste Disposal *Marika*
Hietala, University of Exeter

Chairs:

Julianne Yip, McGill

Adam Fleischmann, McGill University

071. Postphenomenological Research 4: Mediated Bodies

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Kent

Participants:

The Mediated Body: The Human-Technology-World of Disability *Stacey Irwin, Millersville*
University

Technical Self-formation as Taking Responsibility for What You are not Responsible for *Ciano*
Aydin, University of Twente (the Netherlands)

A Third Person Attempt at Getting to the First Person Experience: Assessing Coping in Non-Communicative Patients with a Locked-in Syndrome *Marie-Christine Nizzi, Harvard Psychology Department; Steven Laureys, Harvard University; Christine Moroni, Université Lille*

The Moral Mediation of Sex Selection Practices *Olga Kudina, University of Twente (the Netherlands)*

Chair:

Don Ihde, Stony Brook University

072. Studying Data Critically I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - Riverway

Participants:

Racial Bias in the Representation of Medical Evidence: Constructing a More Inclusive Picture of Health *Jordan Eschler, University of Washington; Jaime Snyder, University of Washington*

Seeing Like A Platform: The Tensions of Data-Driven Knowledge Production around MOOCs *Shreeharsh Kelkar, University of California, Berkeley*

The Algorithmers *Charlotte Mazel-Cabasse, UC Berkeley*

The Digitalization of Law: How Technologies of Writing Shape the Law, 1980-2010 *Thomas Streeter, University of Vermont*

Visual Thinking: Unpacking Use of Visuals in Data Analytic Learning and Beyond *Samir Passi, Cornell University*

Chair:

Laura Noren, New York University

073. "NSF speed dating" with STS Program Director Fred Kronz

10:00 to 12:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

074. Coffee Break

10:30 to 11:00 am

Sheraton Boston: Foyer

075. Feminist STS Analyses of Reproductive Medicine II: ARTs

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

International Technologies and National Regulations: Limitations of Regulations on Reproductive Technologies in a Globalized World *Skye Miner, McGill University*

Regulating Global Surrogacy: Law's Relations in Family-Making *Sonja Van Wichelen, University of Sydney*

Traveling for Treatment: Bending the Law on the Boundaries of Ethics *Stine Willum Adrian, Aalborg University*

Stay Home or Go Abroad? Egg Donation in Japan *Minori KOKADO, Osaka University, Japan; HYUNSOO HONG; Azumi Tsuge, Meijigakuin University*

Chair:

Skye Miner, McGill University

076. Interrogating Food Science and Technology II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Making Meaningful Differences: Meta-Analyses on Organic Agriculture as Contested Zones of Science and Politics *Tomi Lehtimäki, University of Helsinki*

Narrow 'Scientific' Indicators as Normative Visions: Analyzing Food Security, Yield and Alternative Criteria *Brian Wynne, Lancaster Univ.; Georgina Catacora-Vargas, AGRUCO/UMSS*

Exploring Predictions about Hybrid Potato Breeding *Rosanne Edelenbosch, Rathenau Institute; Koen Beumer*

The (In) Sensibilities of Regulating the Natural: Reading the FDA Docket *charlotte biltekoff, UC Davis*

Chair:

Christy Spackman, Harvey Mudd College

Discussant:

Jacob Lahne, Drexel University

077. Anthropocene, Capitalocene, Technoscience II: Enacting Future(s) in a Capitalocene-Anthropocene Frame

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Crafting Nature, Collecting for the Future: Towards an Ontology of Museum Genomics *Adrian Van Allen, UC Berkeley*

Co-Producing Risk Assessment and Consequences: Climate Change Adaptation Planning In New York City *Myriam Figueroa, Cornell University*

Claiming and Making the Future in Climate Engineering Research *Sean Low, Institute for Advanced Sustainability Studies (IASS); Stefan Schäfer, Institute for Advanced Sustainability Studies*

Green-Washers, Prophets of Doom or Vault Constructors? Noosphere and Knowledge Policies in Anthropocene *Andrzej Wojciech Nowak, Philosophy Institute Adam Mickiewicz University*

Chair:

Andrzej Wojciech Nowak, Philosophy Institute Adam Mickiewicz University

Discussant:

Jason Moore, SUNY Binghamton

078. Sounding Worlds: Listening as Transformative STS II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Cynical Soundings: The Dappled World of the Dog's Bark *Matthew Battles, metaLAB at Harvard/Berkman Center*

The New Soundscape Cartographers *Mickey Vallee, Athabasca University*

Sounding Maritime Metal: Listening to Global Trade at Sea *Nicholas Anderman, University of California, Berkeley*

(En)Sounding the Ephemeral *Daniel Alberto Restrepo, University of Ottawa; Marie Lecuyer, University of Ottawa*

Chairs:

Julie Laplante, University of Ottawa

David Jaclin, University of Ottawa

Discussant:

Stefan Helmreich, Massachusetts Institute of Technology (MIT)

079. Objects, Made and Moved: Coherence and Materiality in the Making of Post/colonial Scientific Discourses

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Sacred Acoustic Inspectors: Ghanaian State and Noise-Abatement during the Homowo Festival *Mariam Goshadze, Harvard University*

Technologies of Infection: Trains, Telegraphs, and Tools in Guatemalan Experimental Medicine *angel rodriguez, Harvard University - History of Science*

The Trans-Atlantic Schistosome: The wartime travels of *Schistosoma haematobium* between Cairo to New York *Jennifer L Derr, University of California, Santa Cruz*

The Itinerant Life of Florida Water: Profane Perfume, Colonial Cure, to African Diasporic Elixir *Khytie Brown, Harvard University*

The Ontology of a Mixed-Race Woman *Myrna Sheldon, Harvard University*

Chair:

Ahmed Ragab, Harvard University

080. Bodies, Technologies, and In/Sensibilities in Movement II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Enacting Lance: Singularizing (and Cleansing) an Extended Body in Techno-Sport *Samuel Haraway, University Of California Davis*

Locative Media: New (Im)Mobilities of Bodies in Public Spaces *Eric Lettkemann, Technische Universität Berlin; Ingo Schulz-Schaeffer, Technical University of Berlin*

Walking the Walk: High Heels, Embodied Skills, and Sensory Thrills *Christopher Hesselbein, Cornell University STS*

Sonic Experiments in Drone Warfare *Ayesha Omer, New York University*

Waves of Simulation *Michael James Roberts, San Diego State University*

Chair:

Robin Rae

081. Expert Opinions: How Social Scientists Influence Policymaking

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

How Sexuality Knowledge Shapes LGBTQ Sociopolitical Life: The Case of Expert Evidence in Obergefell *Jamie Louise Budnick, University of Michigan, Department of Sociology*

Economizing the Social: The Midcentury Emergence of Education and Health Economics *Zach Griffen, UCLA*

Mind the Gap: Politics, Policy, and the Stylized Facts of Gender Inequality *Daniel Hirschman, Brown University*

Fairness in the Field: The Ethics of Resource Allocation in Randomized Controlled Field Experiments *Margarita Rayzberg, Northwestern University*

Chair:

Daniel Hirschman, Brown University

Discussant:

William P. Deringer, Massachusetts Institute of Technology (MIT)

082. Making Sense of Autonomous Technologies II: Technics of Autonomy

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Autonomous Vehicles As Sensing Robots and As Forms of Life *Charles Boyd, James Madison University; Chase Shelton Collins, James Madison University; Emily York, James Madison University; Shannon Conley, James Madison University*

Two Issues in Human-Autonomous Car Interactions *Keita Sugihara, Nanzan University*

All Watched Over: Networked Agency, Autonomy, and Control of the Self-Driving Car *Erik Stayton, MIT*

Dynamic, Multi-Factor Motivational Systems Are Required for Truly Autonomous Agents

William McMillan, Concordia University

Chair:

Langdon Winner

Discussant:

Colin Garvey, RPI

083. Gender in Academia II: Making Way in Academia

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Understanding and Negotiating Difference through Integrative Graduate Training *Christina Crespo, University of Georgia*

Should I Stay or Should I Go? How Young Scholars Perceive Their Future in Academia *Guro Korsnes Kristensen, Norwegian University of Science and Technology; Siri Øyslebø Sørensen, Norwegian University of Science & Technology (NTNU)*

Questioning the Mobile-Male / Trailing-Female Pattern of Academic Mobility. The Case of Switzerland. *Marie Sautier, University of Lausanne; Nicky Le Feuvre, University of Lausanne*

Brazilian Technical and Technological Education: Where are the Women *Cintia Tortato, Instituto Federal do Paraná*

Chair:

Knut H Sørensen, NTNU, Dept. Of Interdisciplinary Studies Of Culture

Discussant:

Vivian Anette Lagesen, NTNU

084. 2017 Fleck Prize winner: Judy Wajcman's Pressed for Time

Author Meets Critic

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Chair:

Ingrid Erickson, Rutgers, State Univ of New Jersey

Author:

Judy Wajcman, LSE

Panel Members:

Melissa Mazmanian

Steven Jackson, Cornell University

Paul Dourish, University Of California Irvine

Sheila Jasanoff, Harvard University

085. Academic Evaluation in an Age of "Post Truth"II: "Outlooks"

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Beyond Managerialism: Academic Rating and Ranking as a Solidarity Saving Device *Mikhail Sokolov, European university at Saint Petersburg, Russia*

Efficiency as Conditional Truth in Research?: Rules of the Road from a Japanese Perspective *William S Bradley, Ryukoku University*

Legitimacy Crises, Politicisation, and Normative STS: Seeking Sincerity in Public Climate Change Debates *Bernhard Isopp, York University*

Mishaps and Mistakes in Academic Evaluation *Claes-Fredrik Helgesson, Linköping University, Technology and Social Change; Stephen Woolgar, Univ. Oxford*

Chair:

Mario Biagioli, UC Davis STS Program & Law School

086. Can Improved Science and Technology Mean Progress? II: Re-visioning

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Progress through Sociotechnical Dismantling? Conceptualizing Luddism for the 21st Century *Taylor Dotson, New Mexico Tech*

Supporting Urban Innovation: A Critical Assessment of Two Models *Matthew Claudel, Massachusetts Institute of Technology*

Can Improved Science and Technology Studies Mean More Intelligent Progress? *Aftab Mirzaei, York University*

From Counter-Myths to Institutional Mechanisms: Pursuing Alternative Innovation Pathways in a Spirit of Democratic Experimentalism *Cameron Keys, U.S. Army Budget Office*

Chair:

Taylor Dotson, New Mexico Tech

Discussant:

Michael Bouchey

087. Emerging Technologies and Conservation II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Envisioning Responsible Innovation in Biotechnology for Conservation: Engagement, GM Chestnut Trees, and Gene Drive Mice *Jason A. Delborne, North Carolina State University*

Gene Drives over the Horizon: A Model, for Anticipatory Governance *Gregory Alan Backus, North Carolina State University; Jason A. Delborne, North Carolina State University*

Re-ENLISTing Actors and Actants: Market Devices for the 2,4-D Herbicide *Victor Pelaez, UFPR - Federal University of Paraná; Leticia Rodrigues da Silva, Federal University of Parana*

Biobanks as Mediating Infrastructures for Conservation? *Antoine Dore, INRA*

Chair:

Jessica Cavin Barnes, North Carolina State University

Discussant:

Kathleen Barnhill, North Carolina State University

088. Entangled Sciences of Gender, Sexuality, Race: Latin American Issues

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

The Warm and the Cold: Decolonizing Medical Space in Plurinational Bolivia *Gabriela Morales*

Doubly Disadvantaged: The Recruitment of Diverse Subjects for Clinical Trials in Latin America
Manuela Fernandez Pinto, Universidad de los Andes

One World or Many? Gender, Sexuality and Race Issues *Sandra Harding, University Of California Los Angeles (Ucla)*

HPV vaccine in Carmen de Bolívar (Colombia): crisis, rumors and nonsense *Zandra Pedraza, Universidad de los Andes*

Chairs:

Tania Pérez-Bustos, National University of Colombia

Sandra Harding, University Of California Los Angeles (Ucla)

Manuela Fernandez Pinto, Universidad de los Andes

Discussant:

Raoni Rajão, Federal University of Minas Gerais (UFMG)

089. Whiteness and Technoscience II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Sexy Data *Patrick Keilty, University of Toronto*

“Surrogate Humanity and the Problem of Whiteness in a “Post” Labor Era” *Neda Atanasoski, University of California Santa Cruz; Kalindi Vora, University of California San Diego*

Multidimensional Sensing: Expanding Bio-surveillance across Object-Human-Animal Borders
Felicity Amaya Schaeffer, University of California Santa Cruz

Chair:

Kalindi Vora, University of California San Diego

Discussant:

Jennifer Hamilton, Hampshire College

090. Dynamics of Knowledge: Bioeconomy and Health II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Producing a Blood-Screening Test in Brazil: Blood Safety Economy and Technological Nationalization *Koichi Kameda; Marilena Corrêa, Institute of Social Medicine, State University of Rio de Janeiro; Maurice Cassier, CNRS/France*

Post-Pharmaceutical Health and the Global Bioeconomies of Regenerative Medicine: Towards a Politics of Surplus Vitality? *Christian Haddad*

Profit and Public Good in HPV Vaccine Innovation at the National Cancer Institute *Natalie Aviles, University of California, San Diego*

The Actionability of Exome Sequencing Testing Results *Stefan Timmermans; Tanya Stivers, UCLA*

Chair:

maria c da costa, Universidade de Campinas - UNICAMP

091. Preserving Culture, Preserving Software

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Video Ethnography as Software Preservation *David C. Brock, Computer History Museum*

Xerox Alto Software Restoration at The Computer History Museum *Hansen Hsu, Center for Software History, Computer History Museum*

Wikidata as a Semantic Framework for Digital Preservation Technical Registry Data *Kat Thornton; Euan Cochrane, Yale University*

Varied Sensibilities in Software Preservation: Demonstrating a Comparative Approach *James A Hodges, Rutgers University*

Chair:

David C. Brock, Computer History Museum

Discussant:

Hansen Hsu, Center for Software History, Computer History Museum

092. Life and Death of Partnerships in Research and Innovation II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Innovation for Health or Economic Gain: An Analysis of “Competing Logics” in Health Innovation Policy *James Shaw, Women's College Hospital; Renata Axler, University of Toronto; Payal Agarwal, Women's College Hospital; Laura Desveaux, Women's College Hospital; Sara Shaw, University of Oxford*

Unstable Partnership as both Strategy and Tactics: Knowledge Innovation System in China *Wen-Ching Sung, University of Toronto*

“Data for Good”: Harbinger of Social Sector Change? *Anissa Tanweer, University of Washington; Brittany Fiore-Gartland, eScience Institute*

The Plural Trajectory of a Nuclear Demonstrator in the Workshop of History: The Case of
*ASTRID Guy Minguet, IMT Atlantique Nantes; stéphanie tillement, Institut Mines Telecom
Atlantique; Frederic Garcias, IAE Lille*

Chair:

Julie Sommerlund, University of Copenhagen, Faculty of Humanities

093. Predictability's Promises II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

A Future Yet to Come: Predictability and Uncertainty in Personalized Medicine in Switzerland
*Nolwenn Bühler, University of Lausanne; Gaia Barazzetti, University of Lausanne; Alain
Kaufmann, University of Lausanne*

(In)Sensibilities of STS in the Economy of Scientific Promises *Marc Audetat*

Neoliberal Technological Longings for the Predictable Yet Flexible Employee *Ilana Gershon,
Indiana University*

Fixing the Future: Testing and Anticipatory Repair *Benjamin Hayden Sims, Los Alamos
National Laboratory*

Chair:

Elizabeth A. Reddy, University of San Diego

094. Postphenomenological Research 5: Artifacts and Selves

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

The Sensible Thing: Should Postphenomenology Be Object-Oriented? *Yoni Van Den Eede, Free
University of Brussels (VUB)*

Irreplaceability and Vulnerability: How Machines Become Moral Agents *Shoji Nagataki*

A Speculative Approach to Postphenomenology *Roisin Lally, Gonzaga University*

Transcendental, Transcendent and Transcending Technologies *Jonne Hoek, University of
Twente (the Netherlands)*

Chair:

Peter-Paul Verbeek, University of Twente

095. Studying Data Critically II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Authoritarian and Democratic Theories of Social Experimentation in 20th Century US Industry
and Policymaking *Jorge Nathan Matias, MIT Center for Civic Media*

Infrastructure's Hail: Data-Service Infrastructure and Transformations to Social-Ecological Synthesis Science *Charles Hahn, University of Washington*

Linked Objects, Inferred Subjects: Configuring the Performative Potential Through Data Science in the UK Census *Baki Cakici, Goldsmiths, University of London*

Data Science Interdisciplinarity: Methodological Fluidity, Disciplinary Boundaries *Laura Noren, New York University; Brittany Fiore-Gartland, eScience Institute*

Autoethnographic Methods for Studying Data-Driven Knowledge Production *R. Stuart Geiger, UC-Berkeley; Charlotte Mazel-Cabasse, UC Berkeley; Brittany Fiore-Gartland, eScience Institute*

Chair:

Charlotte Mazel-Cabasse, UC Berkeley

096. 4S Council Business Meeting

Business Meeting

12:30 to 2:00 pm

Sheraton Boston: Floor 3 - Beacon D

097. Ethnografilm Dailies I

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

098. Image, Material, Transfer: A Materials Lab Workshop

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Olmstead

Presenters:

Francesca Bewer, Harvard Art Museums

Ethan Lasser, Harvard Art Museums

Chair:

Grace Kim, Massachusetts Institute of Technology (MIT)

099. Getting Out The 1,000 Words 1: Op-ed and Short Form Public Writing Panel

Discussion

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 5 - Riverway

Presenters:

Maria Balinska, The Conversation

David Corcoran, MIT Knight Science Journalism

David Kaiser, MIT

Seth Mnookin, MIT

Naomi Oreskes, Harvard University - History of Science

Chair:

Heather Paxson, Massachusetts Institute Of Technology

100. "NSF speed dating" with STS Program Director Fred Kronz

1:00 to 3:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

101. Making and Doing Presentations

Panel Session

1:00 to 4:00 pm

Sheraton Boston: Floor 2 - Grand Ballroom

Participants:

(T) racing Eyes and Hearts: An Installation to Explore the Physiology of Empathy *Regan Lawson, Georgia Institute of Technology; Udaya Lakshmi Tattamangalam Ananthanarayanan, Georgia Institute of Technology; Shruti Dalvi, Georgia Institute of Technology; Nassim Jafarainami, Georgia Institute of Technology; Anne Pollock, Georgia Tech; Lewis Wheaton, Georgia Tech*

A STS STEM Education Incubator: The Co-Making of Inquiry *Nicole Mogul, UMD; David Tomblin, University of Maryland, College Park; Matthew Aruch, University Of Maryland College Park*

airTRACS: Community-based Air Quality Monitoring *Maria Michails, Rensselaer Polytechnic Institute*

Biomaterial Matters: Fitting Humans into Cocoons, A Speculative Prototype *Lisa Onaga, Nanyang Technological University; Laura Forlano; Galina Mihaleva, Nanyang Technological University; Anne McKnight, Shirayuri University*

Collaborative urban sensing with the "Dustbox" air quality monitor *Lara Houston, Goldsmiths, University of London; Jennifer Gabrys, Goldsmiths, University of London; Helen Pritchard, Goldsmiths University of London*

Construction Sets for DIY Medical Technologies and their Black Box Counterparts: An interactive exhibit *Anna K Young, MIT; Nikolas Albarran, MIT; Amy Moran-Thomas, MIT; Jose F Gomez-Marquez, MIT*

Data Sense *Dawn Nafus, Intel*

Design Workbook Variations: Exploring Biosensing Privacy Futures *Richmond Y Wong, University of California, Berkeley; Ellen Van Wyk, University of California, Berkeley; James Pierce, University of California, Berkeley*

Detoxifying the Environment across Temporalities *Nick Shapiro*

Doing STS at the science/policy intersection: Making the next generation of boundary-crossing practitioners *Eric Kennedy, Consortium for Science, Policy, and Outcomes - Arizona State University; Matthew Harsh, Concordia University*

Emotional Interpretation & Materiality of Biosensing *Noura Howell, School of Information, UC Berkeley*

Empirical prints and contrapuntal inscriptions *Kasper Ostrowski, Aarhus University*

Engineering Comes Home: Co-designing Local Infrastructure with Residents of a London Housing Estate *Charlotte Johnson, UCL; Sarah Bell; Aiduan Borrion, University College London; Robert Comber, Newcastle University; Kat Austen, iilab; Jun Matsushita, iilab*

- Face-off! Platform versus Self: A photobooth experiment *Marie Steensen, Aarhus University, Denmark; Annette Markham, Aarhus University Center for STS; Mette Hegaard, Aarhus University, Centre for STS-studies; Maria Thing Nielsen, Aarhus University, Centre for STS-studies; Lydia Choi, Aarhus University, Centre for STS-studies; Julie Bredholt, Aarhus University, Digital Living Research Commence; Jette Mia Johansen, Aarhus University, Information Studies, Digital Living*
- Feminist Theory Theater *Yelena Gluzman, UCSD; Sarah Klein, University of California, San Diego*
- Generative STEM: Circulating Unalienated Value in Education, Labor and Environment *Michael Lachney, Rensselaer Polytechnic Institute; Audrey Bennett, Rensselaer Polytechnic Institute; Daniel Lyles; Zoe Zatz, Rensselaer Polytechnic Institute; William Babbitt, Rensselaer Polytechnic Institute; David Banks, Rensselaer Polytechnic Institute; Ron Eglash, Rpi*
- Getting a Sense of the Place: Navigating FemTechNet's Critical Race and Ethnic Studies Workbook *George Hoagland, Minneapolis College of Art and Design; Veronica Paredes, University of Illinois at Urbana-Champaign; Ann Wu, University of Illinois Urbana Champaign*
- Handholds: making sense of bodies through slaughter *Kara Wentworth*
- Integrating STS into Bioethics and Medical Humanities Programs *Julia Knopes, Case Western Reserve University*
- Making and Doing STS with Undergraduate Engineers: The UVA Approach *Caitlin Donahue Wylie, University of Virginia; Sean Ferguson, Engineering and Society, University of Virginia; Toluwalojo Odumosu, University of Virginia; Rider W Foley, University of Virginia; Benjamin Laugelli, University of Virginia; Peter Westin, University of Virginia; Bryn Whiteley*
- Making Sensible in 360° *Alexandra Sharp Lippman, University of California, Davis*
- Our Driverless Futures: Speculating Moral Dilemmas of Self-Driving Cars *Lorina Mercado Navarro, Georgia Institute of Technology*
- Pedal Transcriba, an Ethnographic Device of (and for) Qualitative Research *Luis Felipe Rosado Murillo, CNAM/IFRIS*
- Politicizing the scientific self through media interventions *Anna Durnova, Institute for Advanced Studies, Vienna - Technoscience and Societal Transformation*
- Presenting the Collaborative Research Toolkit (v.02): a copyleft resource for the co-design of experiments and research processes *Enric Senabre Hidalgo, IN3 - Open University of Catalonia // CECAN - University of Surrey*
- QEERI's Science Majlis *Anto Mohsin, Northwestern University in Qatar; Jemina Legaspi, Northwestern University in Qatar*
- Rethinking Citizen Science through doing Citizen Science *Brian Robert Callahan, Rensselaer Polytechnic Institute; James Dylan Rees, Rensselaer Polytechnic Institute*
- STS approaches to public engagement with science: Synthetic biology *Rae Ostman, Arizona State University; Ira Bennett, Arizona State University; Stephanie Long; David Sittenfeld, Museum of Science; Jameson Wetmore, Arizona State University*

- Situated Intervention in Medical Guidelines: Appraising and Including Different Knowledge (AID Knowledge) *Teun Zuiderent-Jerak, Department of Thematic Studies - Technology and Social Change, Linköping University*
- STS Design and Innovation: Disciplinary Discomfiture *Dean Nieusma, Rensselaer Polytechnic Institute; James Malazita, Rensselaer Polytechnic Institute*
- STS Olfactorium *Morana Alac; Evelyn Walker, UCSD*
- Technological theory for all: Teaching experiments on STS in Chile *Martin Andrés Perez Comisso, SFIS - Arizona State University*
- The making of an undergraduate Sociotechnical Ethics Society *Jennifer Terrell, Indiana University*
- The Trial Balloon: buoyancy, embodied media, and patchy planetarity *Matthew Battles, metaLAB at Harvard/Berkman Center*
- Toward Improving Public Policy for Structural Engineering Design of Bridge, Transportation, and Marine Infrastructure *Julie Mark Cohen, Julie Mark Cohen, PhD, PE, SECB*
- Tracing Design Ecologies *Daniel Cardoso Llach, Carnegie Mellon University*
- Undergraduate STSers Learn by Doing in the Trump Era *Jane Lehr, California Polytechnic State University; Matt R. Klepfer, California Polytechnic State University*
- What it is to see: a simulation of artificial vision *Cordelia Erickson-Davis, Stanford University*
- Zika and Feminist STS: Building a Network, Doing Collective Scholarship *Alexandra Minna Stern, University of Michigan; Laura Mamo, SF State; Susan E. Bell, Drexel University; Anne Figert, Loyola University Chicago; Ann Kelly, University of Exeter; Kristy Birchard, Drexel University; Sueann Caulfield, University of Michigan; Ilana Lowy, Cnrs-Cermes; Vanessa Grotti, European University Institute, Florence, Italy; Debora Diniz, International Women's Health Coalition, University of Brasilia, Brazil*
- Connecting-Probing-Reflecting Spaces: The New England Workshop on Science and Social Change (NewSSC) *Peter J. Taylor, UMass Boston*
- Environmental Data and Governance Initiative: Engaged STS Responding to the U.S. Administration *Michelle Murphy, University Of Toronto; Sara Wylie, Northeastern University; Jerome Whittington; Joan Donovan, Data & Society Research Institute; Rebecca Lave, Indiana University Department Of Geography; Nick Shapiro*
- Snowden Surveillance Archive *Andrew Clement, University of Toronto*

102. Cryo (In)Sensibilities: Reproduction in the Age of Ice I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

- Legal conceptions: Shifting Values, New technologies, and Regulations of Egg Donors in Taiwan *YULING HUANG, National Cheng Kung University*
- Finitude and the Frozen Egg: Posthumous Conceptions in the Age of Cryopreservation *Lucy van de Wiel, University of Cambridge*

Grandparents Demanding Genetic Grandchildren: What can Posthumous Reproduction Teach us about Israeli Family Norms? *Yael Hashiloni-Dolev, Academic College of Tel-Aviv-Yaffo, Israel; Zvi Triger, The college of Management Academic Studies, Israel*

Putting Menopause on Ice? Cryopreserved and Transplanted Ovarian Tissue as Naturalized Estrogen Booster *Charlotte H. Kroløkke, University of Southern Denmark*

Chair:

Charlotte H. Kroløkke, University of Southern Denmark

Discussant:

Janne Rothmar Herrmann

103. Bestial Technoscience: Nonhuman Animals as Technology and in Scientific Practice

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Multispecies Touch: A Mine Detection Dog and His Human Trainer *Diana P Pardo Pedraza, University of California Davis*

The Apian Pharmacopeia *Chloe Silverman, Drexel University*

“Fast Food for Lab Mice: Umami Taste Mechanisms in Non-Human Animals and How They Relate to Doritos” *Sarah Tracy, University of California, Los Angeles*

Dispelling the Mythological Animal Relations and Identity Theories of Technoscience Apologists *Elan Ohayon, Green Neuroscience Laboratory; Paul Tsang, University of Toronto; Ann Lam, Physicians Committee for Responsible Medicine*

Chairs:

Jia Hui Lee, Massachusetts Institute of Technology (MIT)

Diana P Pardo Pedraza, University of California Davis

Luisa Reis Castro, Massachusetts Institute of Technology (MIT)

Discussant:

Sarah Tracy, University of California, Los Angeles

104. Perspectives on “Structural Disaster”: Critical Comparative Analysis of Investigation and Insensibility in Extreme Events

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

The Resilience Machine: Global Disaster Research and Policy since the 1990s *Scott Knowles*

What Went Wrong? Investigating the Sewol as a Structural Disaster in South Korea *Chihyung Jeon, KAIST; Sangeun Park, People’s Solidarity for Social Progress, South Korea*

Structural issue of Japanese science communication: an analysis of two cases of stem cell hype and the 3.11 extreme situation. *Ryuma Shineha, Seijo Univerisity; Mikihiro Tanaka, Waseda University*

The Problem of Vulnerability in Weather Disaster Communication *Jennifer J Henderson, Virginia Tech*

Institutionalized Insensitivity to “Structural Disaster” *Miwao Matsumoto, The University of Tokyo*

Chair:

Ryuma Shineha, Seijo University

Discussant:

Kim Fortun, University of California Irvine

105. Crippling Feminist Technoscience

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Crip Technoscience Manifesto *Aimi Hamraie, Vanderbilt University; Kelly Fritsch*

A Care for Being More (Cap-)Able *Cynthia Bennett, University of Washington; Alex S Taylor, Microsoft Research*

Deaf Gain and Technoscience *Kristoffer Whitney, Rochester Institute of Technology*

Queer Feminist Speculations on the Transnational and Participatory Governance of Mitochondrial Replacement Techniques *Jacquelyne Luce, Mount Holyoke College*

Difference in the World of Heart Cyborgs. Material Practices of Passing *Nelly Oudshoorn, University Twente*

Chair:

Kelly Fritsch

106. Places, Remade: Scientific Discourses and the Making of Places in the Postcolonial Context

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

The Field Hospitals of Egypt's Arab Spring: Practicing Medicine in Political Tumult *Soha Bayoumi, Harvard University - History of Science*

Cross-Border Reproductive Travel and the Remaking of Northern Cyprus as Turkey's Ethical Grey Zone *Burcu Mutlu*

La Panamericana: Contested modernities and technological landscapes in the Americas *Juana Becerra*

Disappearing Spaces: Mapping Egypt's Desert across the Colonial Divide *Chloe Bordewich, Harvard University*

The Pleasures of Healing: Sex, Medicine and Orientalism in Contemporary Bathhouses in the United States *Shireen Hamza, Harvard University - History of Science*

Chair:

Soha Bayoumi, Harvard University - History of Science

Discussant:

Heather Paxson, Massachusetts Institute Of Technology

107. The Sensibilities of Games: Bodies, Mechanisms, Platforms

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Touching You, Touching Me: Getting the Physics Right in EA FIFA *Carlin Wing, Scripps College*

Divide and Conquer: Game Engines and the Division of Labor in Game Development *Laine Nooney, New York University*

Making Tangible: Rumble and the Semiotic Regime of Gamic Touch *David Parisi, College of Charleston*

Chair:

David Parisi, College of Charleston

108. Feelings and Doubt in Technoscience

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Schadenfreude as an Inscription Device: Toward an STS Theory about the Work of Perverse Pleasure for Data Science *Monika Sengul-Jones, University of California, San Diego*

Deconstruction and Repair *Dana Simmons, University Of California Riverside*

Sensibilities of the Flesh: HPV Vaccination, Knowledge-Making and Protection in Barbados *Nicole Charles, University of Toronto*

Sound of Mind: The Automation of Psychiatric Listening and Assessment *Beth Semel, Massachusetts Institute of Technology (MIT)*

The Ethics of Access in a Post-Fact Environment: Institutional Circuitry and Informational Value *Melanie Feinberg, University of North Carolina at Chapel Hill*

Chairs:

Monika Sengul-Jones, University of California, San Diego

Amanda Menking, University of Washington (Information School)

Discussant:

Charles Luke Alan Stark, Department of Sociology, Dartmouth College

109. Making Sense of Autonomous Technologies III: Futures, Possibilities, Reconstructions

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

When Jibo Giggles: Interrogating the Assumptions of Emotion in Speech Research *Sarah Bell, Michigan Technological University*

Conversational Interfaces: Speaking with Irresponsible Black-Boxes *Raúl Tabarés, Fundación TECNALIA RESEARCH & INNOVATION*

Evaluating Barriers to the Democratization of AI R&D *Colin Garvey, RPI*

Chair:

Colin Garvey, RPI

Discussant:

Langdon Winner

110. Professions and Professionalization

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Policy and Women in Science: The Israeli Case *Jamila Elnashef, Tel Aviv University*

The Reversed Brain Drain: A Mixed-method Study of the Reversed Migration of Chinese Overseas Scientists *Xiao Lu, Institutes of Science and Development, Chinese Academy of Sciences*

Can Peer Review be Objective? *Misha Teplitskiy, Harvard University; James Evans, University of Chicago; Konrad Kording, Northwestern University; Daniel Acuna, Syracuse University; Aida Raoult, Ecole Supérieure de Physique et de Chimie Industrielle*

Chair:

Misha Teplitskiy, Harvard University

111. STS after Truth: Narrative, Translation, and Advocacy

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Participants:

Truth in Question? An STS Perspective on the Current Crisis of Democracy. *Davide Orsini, Mississippi State University*

In Defense of Bureaucracy: Heroes of the Administrative State *Anna Weichselbraun, Center for International Security and Cooperation, Stanford University*

Democracy, Experts, and the People: Narratives on "Facts" and Deception *Markus Arnold, Alpen-Adria-Universität Klagenfurt | Wien | Graz*

Ignorance Studies: The Return of Ideology Critique? *Johan Soderberg*

Chairs:

Davide Orsini, Mississippi State University

Anna Weichselbraun, Center for International Security and Cooperation, Stanford University

Discussant:

Sheila Jasanoff, Harvard University

112. Academic Evaluation in an Age of "Post Truth"III: "Fixes"

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Pre-Truth as a Means to Discount Politics in UK Academic Research Assessment *Sveta Milyaeva, Goldsmiths, University of London; Daniel Neyland, Goldsmiths, University of London*

Temporalities of Truth: Peer Review's Futurity in Terms of Credit and Debt, Co-Existence vs. Competition *Alexa Faerber, HafenCity University Hamburg*

Crafting Transparency and Accountability: Evaluation of Models, Metrics and Platforms of the Gates Foundation *Manjari Mahajan, New School University*

Evaluative Inquiry: Toward Experimental Modes of Assessing the Values of Academic Work *Sarah de Rijcke, Centre for Science and Technology Studies (CWTS); Thomas Franssen, University of Amsterdam; Maximilian Fochler, University Of Vienna; Tjitske Holtrop; Thed Leeuwen, Centre for Sciencs & Technology Studies (CWTS), Leiden University; Alex Rushforth, CWTS, Leiden University; Clifford Tatum, CWTS - Leiden University; Paul Wouters, Centre for Science and Technology Studies, Leiden University*

Chair:

Stephen Woolgar, Univ. Oxford

Discussant:

Michele Lamont, Harvard University

113. Social Studies of Politics I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

"Cooperation:" Water and the Articulation of Regimes of Governance in California *Patrick Carroll*

Drone Development as Boundary Making: Firebees and the U.S. Nation in the Cold War *Iván Chaar-López, University of Michigan*

Indicators and Valuations Technologies: Assembling Solidarity in Europe *Fredy Mora-Gómez, Linköping University*

State Affect and Techno-Political Governance *Nicholas James Rowland, The Pennsylvania State University; Govind Gopakumar, Concordia University; Jan-Hendrik Passoth, Technische Universität München*

Chair:

Jan-Hendrik Passoth, Technische Universität München

114. Structural Inequality and STS

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

DeColonizing DNA: Race, Seeds, and Intellectual Property Regimes in Colombia *Nathalia Hernandez Vidal, Loyola University Chicago; Kelly Moore, Loyola University Chicago*

Invisible Inventors: Cumulative Disadvantage in the Global Value-chain of Invention *Logan Dawn April Williams, Michigan State University*

Engineering the Island: The State, Technoscience, and Vulnerability in Singapore *Sulfikar Amir, Nanyang Technological University*

Producing Undone Science: Suppression, Industry, and Mobilized Publics *David J Hess, Vanderbilt*

Expert-Movement Interpenetration: Evidence from Two Boston-Area Social Movements *Scott Frickel, Brown University; Aaron Niznik; Apollonya Porcelli, Brown University; Amy Teller, Brown University*

Chair:

Daniel Lee Kleinman, Boston University

115. Clashing Environments and Environmentalisms in Latin America I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Climate Modeling In Brazil: A Geopolitical Infrastructure *Jean Carlos Hochsprung Miguel, Federal University of São Paulo*

"The Beggar on a Bench of Gold": Competing Socialist and Capitalist Ideologies on the Peruvian Anchovy Fishery, 1968-1990 *Apollonya Porcelli, Brown University*

'Technological Traps': Standardized Agricultural Packages and Social-Ecological Conflicts. The Case of Soybean Production in Bolivia *Georgina Catacora-Vargas, AGRUCO/UMSS; Brian Wynne, Lancaster Univ.*

Chair:

Raoni Rajão, Federal University of Minas Gerais (UFMG)

Discussant:

Raoni Rajão, Federal University of Minas Gerais (UFMG)

116. Working at the Edges: Migrants, Women, and Minorities in Technosciences

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Discover the Silent Voice in the U.S. S&E Workforce: Chinese Immigrant Women Scientists and Engineers *Diane Gu, UCLA*

Theoretical Limits in Understanding Big Technoscience Projects *Sharon Traweek, UCLA*

Transnational Ties: Technoscientists at Women's Colleges in Japan and the U.S. in the 20th Century *Vivian Wong, University of California, Los Angeles*

Gendering Rivets: Women's Work in War *Stefka Hristova, Michigan Technologic University*

Chair:

Sharon Traweek, UCLA

117. Biotechnology and Bioeconomy

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Genetically Engineered Animals, Risks and Regulations *zahra meghani, University of Rhode Island; Jennifer Kuzma, North Carolina State University*

Networks, Alliances and Social Capital in Innovation Processes: Biotechnology in Puebla, Mexico, and Bologna, Italy *Jose Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla; Rollin Kent, Autonomous University of Puebla*

STS Sensibilities and the Practical Integration of STS Knowledge into Social and Economic Life: Nanotechnology, Neurotechnology *Michael Reinsborough, Department of Health and Social Science, University of the West of England, Bristol*

Chair:

Jose Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla

118. Precision Medicine, Race/Ethnicity, and Public Health in Comparative Perspectives

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Can Genomics Improve Population Health Without Exacerbating Health Inequalities? Public Health's Role in Research Translation *Laura Senier, Northeastern University*

Globalization and Sensitivity to Racial, Ethnic, and Gender Diversity of Human Subjects in Clinical Trials *Laura Bothwell, Harvard Medical School*

Small Country, Big Project: The Development of Precision Medicine in Switzerland *Francesco Panese; Luca Chiapperino, University of Lausanne, Faculty of Social and Political Sciences; Léa Maria Stiefel, Unil*

Precision for Whom? --Paying System for Patient Selection by Molecular Technique in Taiwan *Yeh-Han Wang, Institute of Science, Technology, and Society, National Yang-Ming University*

Translating Precision Medicine into Public Health: Anticipating the Implications of Genomic Advances in Infectious Disease Management *Angie Boyce, Johns Hopkins University*

Chair:

Shirley Sun, Nanyang Technological University

119. Crisis Infrastructures and the Politics of Interdependence

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Corporate States of Emergency *Megan Finn, University of Washington*

Infrastructural Interdependency at the End of the Millennium *Dylan Mulvin, Microsoft Research; Cait McKinney, University of Toronto*

Re-Membering Queer Networks: Crisis in Production of the LGBTQ Non-Profit Industrial Complex *Jen Jack Giesecking, Trinity College*

Gender and/as Infrastructure: (In)Sensibilities of Gender *Tristan Gohring, Indiana University - Bloomington*

Chair:

Cait McKinney, University of Toronto

Discussant:

Dylan Mulvin, Microsoft Research

120. Predictability's Promises III

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Predictability's Possibilities and the Political Promise of Anthropogenic Global Climate Change
Adam Fleischmann, McGill University

Possibilities of a Prediction: From Weather Forecasting to Climate Modeling in a Nuclear World
Olivier Chanton, IRSN

Cryo-Epistemologies: An Anthropological Investigation of Sea Ice Predictability
Julianne Yip, McGill

Making Resilience Predictable: Exploring the Predictive Politics of the Modelling and Generation of Resilience
Samuel Randalls

Chair:

Darcie DeAngelo, McGill University

121. Critical Approaches to Cybersecurity

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

A Valuable Flaw: The Creation of a Market for Software Vulnerabilities
Ryan Ellis, Northeastern University

Governing by Numbers: Metrics and the Irreducible Uncertainties of Cybersecurity
Rebecca Slayton, Cornell University

Assessing the New Information Society: A Typology of Encrypted Information Flows and their Human Risks
Quinn DuPont, University of Washington (Information School)

Regulating Resilience of Complex Systems: Evidence from Critical Infrastructure Cybersecurity Standards
Aaron Clark-Ginsberg, Stanford University

Market Based Risk Management through Cyber Insurance
Trey Herr, Harvard Kennedy School

Chair:

Ryan Ellis, Northeastern University

122. Studying Data Critically III

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Data Talk: Metaphors of an Epistemological Landscape *Claire D'Elia Maiers, University of Virginia*

Data Upstream *Sarah Catherine Inman, University of Washington*

Organizational Tensions in the Quest for a Data-Driven Tax Administration *Bastian Jørgensen, IT-University of Copenhagen*

Chair:

R. Stuart Geiger, UC-Berkeley

123. Tour of "The Philosophy Chamber" exhibition at the Harvard Art Museums

Special Event

2:00 to 5:00 pm

Sheraton Boston: off-site event

Presenter:

Ethan Lasser, Harvard Art Museums

Chair:

Grace Kim, Massachusetts Institute of Technology (MIT)

124. Coffee Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

125. Cryo (In)Sensibilities: Reproduction in the Age of Ice II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

"Cultural Instincts": Posthumous Sperm Retrieval Requests in Israel and the Beginning of an Implementation Process *Ori Katz, Ben-Gurion University of the Negev*

Life and Quality of Frozen Embryos: Uses of Images and Scores to Negotiate the Destiny of Embryos in a Center of Assisted Reproduction in Brazil *Débora Allebrandt, UFAL*

Freezing for the Future: Culturally Mediated Fertility Preservation Decisions in Trans Youth *Maira Kyweluk, Northwestern University*

Inconceivable? Predicting Embryo Potential in Fertility Clinics and Embryo Adoption *Risa Cromer, Stanford University*

Chair:

Charlotte H. Kroløkke, University of Southern Denmark

126. "Hidden Disasters": Unexposed Element(s) of Sociotechnical Accidents

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Punctuated Equilibriums: The Co-Production of Institutions, Culture, and Wildfire *Eric Kennedy, Consortium for Science, Policy, and Outcomes - Arizona State University*

The Shipwrecked Case of Cijin 25 Ladies and the Stigmatization of Wooden Boats *Wen-hui Anna Tang, National Sun Yat-sen University*

Radioactive and On Fire: Living in an Uncertain Community *Kristen Michelle Kalz, University of Missouri-Columbia*

Ecological Cost Shifting: A Case Study of the Indian Shipbreaking Industry *STUTI HALDAR, CENTRAL UNIVERSITY OF GUJARAT*

On Decision-making and Preparedness of Japanese Government before and after the Fukushima Accident *Masashi Shirabe, Tokyo Institute of Technology*

Chair:

Anto Mohsin, Northwestern University in Qatar

127. Dis/abilities and STS

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

The Lived Experience of Disability and the Detection of Fetal Impairment *Nikaido Yuko, Meijigakuin University*

Feminist Disability Studies and STS: Bridging disciplines through an examination of caregiving *Laura Mauldin, University of Connecticut*

Facilitated Communication: Autism, Automatism, Authorship *David Horn*

Chair:

David Horn

128. Unsettled Futures: Science Fiction, Identity and the Making of Time

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

"Hokule'a is in the past:" Spacefaring Canoes and Indigenous Seafaring in Science Fiction and Future Imaginaries *Eli Nelson, Harvard University*

"Eliminate the Muslim": Science fiction and the making of Muslims as a future subject *Ahmed Ragab, Harvard University*

Turning to Stone *Sophia Roosth, Harvard University*

Judge Dredd's Armor and The Gunslinger's Gun: Movie Magic and the many lives of filmic weaponry in South Africa *Jessica Dickson, Harvard University*

Origin Stories: Technoscience, Agency, and the Creation of Marvel's Superheroines *Kristen Koopman*

Chair:

Sophia Roosth, Harvard University

129. Beyond "Triple A" (AAA): Perspectives at the Intersection of STS and Game Studies

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Who is Player Two and How is She Changing Video Games? *Shira Chess, University of Georgia*

Framing AAA: Media Coverage of Industrial Change in Early 2000s Video Gaming *Amanda Cote, University of Michigan*

Play-Fighting: Bringing together Game Studies and Sport *Joseph Fordham, Michigan State University*

Playing Science: From Exploitationware to Careware in Science (Crowdsourcing) Games *Casey O'Donnell, Michigan State University*

Chair:

Shira Chess, University of Georgia

130. The Politics of "Facts" and Science in an Age of "Post-truth"

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

'Post-truth' and the Indirection of Political Speech *Javier Lezaun, University of Oxford*

Viral Conspiracies: Rumour and Emerging Infectious Diseases in Brazil's Media Ecology *Meg Stalcup, University of Ottawa*

The Power of Discredited Experts and Discredited Facts: Terrorism and Truth, before and after Trump *Lisa Stampnitzky, University of Sheffield*

Chair:

Lisa Stampnitzky, University of Sheffield

Discussant:

Daniel Hirschman, Brown University

131. Artificial Intelligence: Mediating Coexistence

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Making Artificial Intelligence Unartificial: A Case Study on Gil Medical Center in South Korea *DAEUN LEE, Science and Technology Policy Institute*

Science Automated: Field Notes From a "Science Automation Laboratory" *Vlad Schüler-Costa, University of Manchester*

Building Learning Machines: Machine Translation as a Site in Which it Became Thinkable to Calculate "Meaning" *Aaron Louis Plasek, Columbia University*

Algorithms, Words, and Valuation *Anna Jobin, Université de Lausanne*

Chair:

Dora Kaufman, Universidade de Sao Paulo

Discussant:

Dora Kaufman, Universidade de Sao Paulo

132. Academic Careers: Gaining Independence in Different National Contexts

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

A Path to Academic Independency and How to Early Stage Researchers Describe It *Nina Jung, Universidad Nacional Autónoma de México*

The Cognitive and the Social Patterns in the Emergence of a Scientist *Mery Hamui, Universidad Autonoma Metropolitana; Alejandro Canales, UNAM-iISUE*

Why Is There a Gap Between the Formal and the Actual Independence of Early Career Researchers? *Grit Laudel, TU Berlin*

'Taking One for the Team': Articulations of Authorship in Nutrition Science Across Academia and Industry *Bart Penders, Maastricht University*

"If He Got Excited About Something, Could He Do Wonders!": Narratives of Required Interest for Success in Engineering Research *Caitlin Donahue Wylie, University of Virginia*

Chairs:

Grit Laudel, TU Berlin

Ed Hackett, Brandeis University

133. 2017 Carson Prize winner: Adia Benton's HIV Exceptionalism

Author Meets Critic

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Chair:

Shobita Parthasarathy, University of Michigan

Author:

Adia Benton

Panel Members:

Johanna Crane, University of Washington Bothell

Manjari Mahajan, New School University

Andrew Lakoff, University of Southern California

Paul Farmer, Harvard University

134. Exploring Large-Scale Research through the Lens of Infrastructure

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Standardization and Integration in Cancer Research: Data Infrastructures as Actors in Knowledge Generation *Regine Kollek, University of Hamburg; Imme Petersen, University of Hamburg*

Negotiating Credibility in Large-scale Research: The “750 GeV bump” at CERN *Martina Merz, Alpen-Adria-Universität Klagenfurt, Austria*

Large (Virtual) Research Infrastructures: The High-energy Physics Blogosphere and ‘Non-Discovery’ *Sophie Ritson, Alpen-Adria Universität Klagenfurt / Wien / Graz*

Revisiting the Laboratory: From Particle Physics to Experimental Economics and Back *Helene Sorgner, Alpen-Adria-Universität Klagenfurt | Wien | Graz*

Barbarians at the Gate(s) (Again): Access, Infrastructure, and the (Possible) Rise of Computational Art History *Park Doing, Cornell Univ.*

Chairs:

Martina Merz, Alpen-Adria-Universität Klagenfurt, Austria

Sophie Ritson, Alpen-Adria Universität Klagenfurt / Wien / Graz

135. Social Studies of Politics II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Machineries of Health Governance at Work: An Exploration of Invisible Work and Sensemaking in a Dutch Health Funding Agency *Rik Wehrens, Erasmus University (Institute of Health Policy & Management); Lieke Oldenhof, Erasmus University, Institute of Health Policy and Management; Roland Bal, Erasmus University Rotterdam*

Tactics of Colonization Within Some Brazilian Antarctic Cosmopolitics *Luis Guilherme Resende de Assis, Instituto Federal de Educação Ciência e Tecnologia de Goiás*

Science Based Standards and Governance: Opening the “Black Box” of Regulation Making for Bottled Water Quality in India *Aviram Sharma, Nalanda University*

Calculating National Income with the Others *Kyunghwan Lee, University Southern California*

Performing a Platform State: Ethnography of a State Identification Device *Marie Alauzen, CSi, I3, PSL Research Universitu, CNRS UMR 9217 (France)*

Chair:

Nicholas James Rowland, The Pennsylvania State University

136. Entanglements in Critical Data Practices: Perspectives from Design Inquiry

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Civic Data Practices as Care *Carl DiSalvo, Georgia Institute of Technology*

Socio-Technical 'Patchwork' in the "Smart City": Predictive Platforms, Civic Imagination and Anticipatory Urbanism *Laura Forlano*

Data Biographies for Critical Data Pedagogy *Catherine D'Ignazio, Emerson College; Yanni Alexander Loukissas, Georgia Institute of Technology*

Meaningful Inefficiencies: Encounter, Play and Dialogue in the Smart City *Eric Gordon, Emerson College*

Decomposing Data *Hanna Rose Shell, Massachusetts Institute of Technology*

Chair:

Carl DiSalvo, Georgia Institute of Technology

137. Clashing Environments and Environmentalisms in Latin America II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Postcolonial Plants and Power: Making, Transmitting, and Receiving the Brazilian Bioenergy Model *Nicole Labruto, Massachusetts Institute of Technology*

Imagining the Bioeconomy across the North-South Divide *Tess Doezema, Consortium for Science, Policy and Outcomes; Raoni Rajão, Federal University of Minas Gerais (UFMG)*

Fighting for the Future: Competing Land-Use Models in the History of Amazônia *Raoni Rajão, Federal University of Minas Gerais (UFMG); Susanna Hecht, UCLA*

Chair:

Susanna Hecht, UCLA

Discussant:

Susanna Hecht, UCLA

138. Breaking Codes: Technologies from a Gender Perspective

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Participatory Practices in Sociotechnical Design – Productive Tensions between Gender Studies and Computing *Claude Draude, University of Kassel, Germany*

"LAN houses are for boys and Telecenters are for girls:" CTCs as Gendered Spaces *David Nemer, University Of Kentucky*

From Contradictions to "Redoing" Gender by Men and Women in IT Enterprises *Ana M. González Ramos; Laura Lamolla Kristensen, Open University of Catalonia; Elisabet Almeda, University of Barcelona; Núria Verges, University of Barcelona*

'Femicide State' and Drone Mediation in the Fight against Gender Violence in Mexico *Marcela Suárez, Universidad Autónoma Metropolitana*

Chairs:

Patricia Pena, University of Chile, Institute of Image and Communication

Maria Goñi, Universidad de la República

Marcela Suarez

Kemly Camacho, Cooperativa Sulabatsu

139. Placebos, Nocebos, and the Contradictions of (In)Sensible Biomedicine

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Counting the Placebo Dead: Early AIDS Activism With and Against Placebo-Based Drug Trials
Alexis Shotwell, Carleton University

Neuro-Imagining Placebo Effects *Suze Berkhout, University of Toronto*

Placebo Effect Narratives and Chronic Benzodiazepines Use 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; María Pilar Bacci, Universidad de la República; Gabriela Lilián Bruno, Universidad de la República*

The Stabilization of Psychiatric Diagnosis: Psychotropic Drugs as Boundary Objects *Carolina Geneyro Saldombide, Universidad de la República (Uruguay)*

Chairs:

Ada Jaarsma, Mount Royal University

Suze Berkhout, University of Toronto

140. Gene Editing and the Challenge of Public Engagement: Local and Global Perspectives

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

The Development of Standards of Practice in Genetic Engineering:

Collaboration/Communication *Santiago Jose Molina, University of California Berkeley*

The Governance of Gene Editing in China: The Silent Science Community and the Absent Public *Lu Gao, Institute for the History of Natural Sciences, Chinese Academy of Sciences*

Responsible Innovation Frameworks and Public Engagement with Human Genetic Engineering: Clarity, Confusion or Irrelevance? *Stevienna de Saille, University of Sheffield*

The Global Expansion of Heritable Germ Line Genome Editing: Challenges for Public Engagement *Achim Rosemann, University of Warwick*

Chair:

Achim Rosemann, University of Warwick

141. Now You See It, Now You Don't: Mapping Contours and 'Seeing' Methodologies of Transnational Research 'Labs'

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Our Habitus, our Displacements: Contemporary Art and Research in Migratory Times and Spaces *Dalida Maria Benfield, Center for Arts, Design and Social Research*

Serendipity, Bricolage, and other Useful Tools for Finding Meaning in Large Scale Projects
Annette Markham, Aarhus University Center for STS

Ethnographically Researching the ‘Smart City:’ In process; to be conceptualized *Debora Lanzeni, RMIT/UOC*

Urban Design Enfranchisement: A Critical Path for Cities and for Metropolitan Science *Martin Brynskov, Aarhus University; Matthew Claudel, Massachusetts Institute of Technology*

Chair:

Annette Markham, Aarhus University Center for STS

Discussant:

Anna Croon Fors, Department of Informatics, Umeå University, Sweden

142. Exploring Prediction: Fortunetelling, Prognostication, and Futurism

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

How is a Modern Fortuneteller to Predict the Future? An Explanation by Taking Actor-Network Theory *Yuh Chern Lin, National Tsing-Hua University*

“Midnight-Midday Ebb Flow”: Predicting State of Qi and Blood in the Various Meridians *Wan-Chun Cheng, China Medical University; Su-Tso Yang, China Medical University*

Questioning Compulsory Heterosexuality of Fortunetelling Knowledge in Taiwan *Kuan-Hung Lo, Virginia Tech; Yuh Chern Lin, National Tsing-Hua University*

Cones, Spider Webs, and Teddy Bears: Reflections on Topologies of the Future and the Concept of Plausibility *Yashar Saghai, Johns Hopkins University*

Chairs:

Kuan-Hung Lo, Virginia Tech

Yuh Chern Lin, National Tsing-Hua University

143. Surveillance and Security

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

The Origins of the Internet Infrastructure Privatization: a Historical Approach to Internet Exchange Points *Fernanda Ribeiro Rosa, American University*

Recessive Objects: Surveillance and the (Dis)appearance of Fact *Sun-ha Hong, MIT*

Calculating & Countering Surveillance Risks: Translations in Practice *Becky Kazansky, University of Amsterdam*

Welfare Technologies and Surveillance in Care Work for Elderly Citizens *Agnete Meldgaard Hansen, Department of People and Technology, Roskilde University, Denmark; Annette*

Kamp, Department of People and Technology, Roskilde University, Denmark; Sidsel Lond Grosen, Department of People and Technology, Roskilde University, Denmark; Stinne Ballegaard, KORA, the Danish Institute for Local and Regional Government Research
Innovating the Problem Away? Exploring the Possibilities and Perils of Technologizing Sexual Assault Prevention *Deborah White, Trent University; Lesley McMillan, Glasgow Caledonian University*

Chair:

Deborah White, Trent University

144. #QueerSTS4S: Third Annual Happy Hour Meetup

Reception

5:30 to 7:00 pm

Sheraton Boston: The Pour House, 907 Boylston St.

Chairs:

Mitali Thakor, Northwestern University

Stephen Molladrem, The University of Michigan

145. 4S Awards Plenary

Plenary Session

6:00 to 7:30 pm

Sheraton Boston: Floor 2 - Constitution

146. Tapuya Reception (by invitation only)

Reception

7:30 to 8:30 pm

Sheraton Boston: Floor 3 - Commonwealth

147. 4S Council and Prize Dinner (by invitation only)

Reception

8:00 to 10:00 pm

Sheraton Boston: Clery's, 113 Dartmouth St.

148. Valuation Studies Meet-up

Reception

8:00 to 9:30 pm

for location, follow @Val_Studies or visit: <http://valuationstudies.liu.se/News/>

Chair:

Claes-Fredrik Helgesson, Linköping University, Technology and Social Change

149. Harvard STS Reception (by invitation only)

Reception

8:00 to 10:00 pm

Sheraton Boston: Floor 5 - Public Garden

Friday, September 1

150. Racism and Health I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon A

Participants:

Pharmaceuticals, Health, and Citizenship in the Aftermath of Hurricane Katrina *Anne Pollock, Georgia Tech*

Racializing Refugees: On Medical Practice & Research *Michelle Munyikwa, University of Pennsylvania*

From One Drop to One Percent: The Impact of DNA Ancestry Tests on the Worldview of White Supremacists *Joan Donovan, University of California San Diego; Aaron Panofsky, University of California, Los Angeles*

Bounded Justice: Racism and the Ethics of Scientific Knowledge Production *Melissa Creary, University of Michigan, School of Public Health*

Caring for the Indian Heart: The Role of Race at the Stanford South Asian Translational Heart Initiative *Alyssa Botelho, Harvard University; David Shumway Jones, Harvard University*

Chair:

Jonathan Metzl, Vanderbilt MHS

151. Visual (In)Sensibilities I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon B

Participants:

Trained Eyes vs Mechanical Objectivity: Enhancing Professional Vision in Embryo Imaging *Manuela Perrotta, Queen Mary, University of London*

Fixing the Image *Jenna Grant, University of Washington*

Visualizing Illness: Making of Non-symptomatic Thyroid Cancer Patients *Kim HeeWon, Korea Advanced Institute of Science and Technology (KAIST)*

Sensing Mood through Images: Visualizations of Mood Disorders in Patient-reported Outcomes Technologies *Fernando Valenzuela, Universidad Andres Bello*

Rendering the 'Child': Ekphrasis, Postphenomenology, and the Ultrasound Informed Consent Act. *Jonathan Weedon*

Chair:

Dorothea Born, University of Vienna

152. (De)construction of Nuclear Systems

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon D

Participants:

Experimentally Proving Nuclear Disarmament: Certainty and Secrecy in the Black Sea *Ellie Immerman, MIT*

Unintended Consequences: (De)Constructing Utility Narratives of Biological Weapons *TD MacDonald, MIT*

Ontologies of Nuclear Safety *Aditi Verma, MIT*

Chair:

Ellie Immerman, MIT

Discussant:

Allison Macfarlane, George Washington University

153. Sensing Robots

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon E

Participants:

Ethics and Sensibility in Designing a Social Robot for Care (with Care) *Núria Vallès, Universitat Autònoma de Barcelona; Miquel Domènech, Universitat Autònoma de Barcelona*

From Laboratory to Robot Competition *Arne Maibaum, TU Berlin*

Different Modes of Engagement - The Sensibilities of Feeding Assistive Robotics *Niels Christian Nickelsen, Aarhus University, Department of Education*

Sensing Emotions, Assembling Humans: Faces, Voices, and Ethics in South Korea's Digital Companion Research *Heesun Shin, Korea Advanced Institute of Science and Technology; Hanbyul Jeong, KAIST*

"Are you just sensitive or are you also human?" Sensing the Topography of Sensitive Social Robots and Sensible Humans *Diego Compagna, Technische Universität Berlin*

Chair:

Arne Maibaum, TU Berlin

154. Interspecies Sensibilities I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon F

Participants:

Human-Tick Sensory Relations: Tacit Knowledge in the Scientific Practice of Lyme Disease Risk Research *Jessica Somers, SUNY Albany*

Cross-Species Intimacy in the Lab: Bonding and Affect Between Animal Care Technicians and Lab Animals *Caroline Warren, Emory University*

Sense Making in Salvation: Embodied Ethnographies of Dog Rescue *Natalie Porter, University of Notre Dame; Ann Marie Thornburg, University of Notre Dame*

Smartification, Cows and Farmers: Exploring Technologized Interspecies Relations *Laura Trachte, Technical University Munich, MCTS*

Making Sense of Multiple Modalities of Plant Materiality *Laura Foster, Indiana University - Bloomington*

Chair:

Christena Nippert-Eng, Indiana University

155. Communicating Science

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon G

Participants:

Natural and Sustainable: How the use of Wolbachia to Control the Population of *Aedes aegypti* is Depicted to the Population *Claudia Santos Turco, HCTE-UFRJ / FIOCRUZ; Eduardo Nazareth Paiva, Universidade Federal do Rio de Janeiro*

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

Space Communication Strategies of Korean Government between 1950s and 1980s *Seungmi Chung, Virginia Tech*

Learning from Mass Media, the Role of Media Reporters, and their Effects on Constructing of Public Understanding of Science *Midori Aoyagi, National Institute for Environmental Studies*

Scientists' Use of Reddit as Science Communication *Noriko Hara, Indiana University; Jessica M. Abbazio, Indiana University*

Chair:

Noriko Hara, Indiana University

156. Contesting Harm

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon H

Participants:

Capricious Harms: Irritation and Workers' Skin in the Industrial U.S., 1900-1930 *J. Maxwell Rogoski, University of Pennsylvania*

Chemicals, Germs and Domestic Micro-worlds: Exploring Competing Conceptions of Harm in Parental Hygiene Practices *Rachael Wakefield-Rann, University of Technology Sydney*

Contested Concepts of Harm in Scientific Studies on Marine Plastic Pollution *Max Liboiron, Memorial University of Newfoundland and Labrador*

Rachel's' Story: The Lure of the Syringe *Nicole Vitellone*

Placebos, Nocebos and Meaning-Making *Ada Jaarsma, Mount Royal University*

Chair:

Nicole Vitellone

157. Techno-Jobs and Capital I: Bots, Automation, and Digitized Affective Labor

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Berkeley

Participants:

Emergent Society-Technology-Formations in Affective Capitalism *Doris Allhutter, Austrian Academy of Sciences; Brigitte Bargetz, University of Vienna*

Trusted Strangers: Constructing Crowds of Careworkers in the "On-Demand" Economy *Julia Ticona, Data & Society; Alexandra Mateescu, Data & Society Research Institute*

Voting for Robots with Your Fork & Wallet: The Neoliberal Language of Labor & Consumer Choice *Anna Nguyen*

The Society of an Investment: Entrepreneurial Performance and Venture Valuation in the Age of AI *Francis Jervis, NYU*

Chair:

Winifred Poster, Washington University, St. Louis

Discussant:

Sreela Sarkar, Santa Clara University

158. Revisiting the Gap between Conventional Science and Forensic "Science" in Legal Contexts

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Clarendon

Participants:

Forensic Statistics: Paradigm or Vortex? *Simon A Cole, Univ Of Ca-Irvine*

Fire Investigation Expertise in Arson Trials: In Tension with Mainstream Science *David Caudill, Villanova University*

The Role of 'Science' in US Arson Trials: Are Old Myths being Replaced by New Ones? *Graham Spinardi, University Of Edinburgh*

Pathological Co-production and the Limits of Law, Forensic Science, Scientific Advice and STS *Gary Edmond, Unsw*

Chair:

David Caudill, Villanova University

159. Experiments in Collaboration / Building Sciences and Justices

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Commonwealth

Participants:

Patient Activist Histories and Futures: Drug de-regulation and U.S. Right to Try Laws *Amy Kapczynski, Yale School of Medicine*

Decolonial Environmental Justice and Chemical Exposures *Michelle Murphy, University Of Toronto*

Saving Environmental Data and Knowledge from “Post-truth” Politics *Lindsey Dillion, UC Santa Cruz*

Racialized Genomics: Science and Justice in a Post-Race, Post-Truth World *James Doucet-Battle, University of California, Santa Cruz*

Chair:

Katherine Weatherford Darling, UC Santa Cruz

Discussants:

Jenny Reardon, UC Santa Cruz

Ruth Müller, MCTS TU München

Rebecca Herzig

160. Sense and Sensibility: Science and Religion in a Secular Age

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Dalton

Participants:

Common Ways, Different Goals: Situated East-Asian and Scientific Conceptualizations of Mindfulness Meditation *Zsofia Samodai, Institute of Science, Technology, and Society, National Yang-Ming University*

Religion, Science, State: "Self Help" Antimalaria in Mandatory Palestine, 1922-1940 *Omri Tubi, Northwestern University*

The Divine Madness of Science: Reading Benjamin Lee Whorf's Theosophical Anthropology *Matthew Clay Watson, Mount Holyoke College*

Reading Meteorology through Different Temporal Senses *Su Hu, University of Edinburgh*

Rural Simulacra: An STS Inquiry into an Urban Park *Jonathan Strout, University of Florida*

Chairs:

Renee Blackburn, MIT

Marie Burks, MIT

161. Making Sense of Conferences

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Exeter

Participants:

Chasing Proteomics Standards: Ethnographic Engagement with Conferences as Temporary Sites of Community *Christina Holmes, St. Francis Xavier University; Mavis Jones; Fiona McDonald, Queensland University Of Technology*

Corporate Conference Workshops as Settings to Configure the User *Jessamy Perriam, Goldsmiths, University of London*

Making and Doing Inclusive Conferences *Victoria Neumann, MCTS, Technical University of Munich; Angela Prendl, University of Vienna; Nikolaus Pöchhacker, MCTS, Technical University of Munich*

Scientific Meetings: The Territorial Expression of the Scientific Community *Maiko Rafael Spiess, Universidade Regional de Blumenau; Marcos Antonio Mattedi, Universidade Regional de Blumenau*

Chairs:

Baki Cakici, Goldsmiths, University of London

Nick Seaver, Tufts University

Discussant:

Alison Cool, University of Colorado Boulder

162. STS in Practice

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Challenging a “Common Sense Absence”: Centering Narratives and Experiences of Undergraduate STSers in the Trump Era *Jane Lehr, California Polytechnic State University; Matt R. Klepfer, California Polytechnic State University*

Doctors in Disaster: Putting STS in the Field *Alli Morgan, RPI*

STS Interventions in Engineering Education: The University of Virginia’s Science, Technology, and Society Program *Daniel Chen, University of Virginia*

Impact of Quantified Tests: Case of Career Counselling in India *Barkha Satish Kagliwal, Cornell University, Department of S&TS*

Relaying Design Styles: Practicing Communication in the Environmental Sciences and STS” *Brandon Costelloe-Kuehn, RPI*

Chair:

Alli Morgan, RPI

163. Sociotechnical Approaches to Privacy and Data Protection I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax B

Participants:

The Privacy Paradox: How Market Privacy Facilitates Government Surveillance *Karina Rider, Queen’s University*

The Double-Edged Affordance of the Time-Tax: Rethinking the Design and Generativity of Data Privacy Controls *Elizabeth Anne Watkins, Columbia University*

“Cypherpunks Write Code”: Privacy, Crypto-Anarchy and the Interpretative Flexibility of Encryption *Sarah Myers West, Annenberg School for Communication & Journalism, University of Southern California*

Figuring Out “Reasonable Expectations” of Data Protection and Privacy as Sociotechnical Phenomena *Martina Klausner, Humboldt-Universität zu Berlin*

From Treaties to Arrests: Internet Governance in the US and Europe in the Age of Big Data *Anna Artyushina, York University*

Chair:

Meg Leta Jones, Georgetown University

164. STS and the Design of Dying, Death and the Afterlife I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner A

Participants:

A Place for Mortality: In-patient Hospice Architecture and its Role in a Dignified Death *Annie Bellamy, Welsh School of Architecture*

Designing Spaces for Death and the Afterlife *Dara Ivanova, Institute of Health Policy and Management (Erasmus University)*

How Modern Technology Shapes Death *Shengying Lu, Beijing Normal University*

Good Grief: Postmortem Technologies and 'Healthy' Grieving *Philip R Olson, Virginia Tech*

Chairs:

Dara Ivanova, Institute of Health Policy and Management (Erasmus University)

Roland Bal, Erasmus University Rotterdam

165. Science from the Eyes of Local Cultures

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner B

Participants:

Reflections on Science and Risk Communication in the Philippines: Informal Channels vs Scientific Rationality for Decision Making *Maria Inez Angela Zamora Ponce de Leon, Ateneo de Manila University*

Science Majlis in Qatar *Anto Mohsin, Northwestern University in Qatar; Aisha Al-Qadi, Northwestern University in Qatar; Jemina Legaspi, Northwestern University in Qatar; Sara Al-Ansari, Northwestern University in Qatar*

A Good Doctor is Hard to Find: Assisted Injection Expertise Among Persons Who Inject Drugs *Sarah Brothers, Yale University*

Curing Pharmaceuticals: Healing and Relational Ontologies in Pharmaceutical Use in Tanzania *Laura Meek, University of California, Davis*

Chair:

Anto Mohsin, Northwestern University in Qatar

166. Historical (In)Sensibilities I: Historicizing STS Methods

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton A

Participants:

Continuity or Change: Modern Nursing Knowledge Formation in Taiwan *Zxy-Yann Lu, Zxyyann Jane Lu*

The Dispute over Time in Late Imperial China: Interpreting Modernity from A STS Perspective
Dian Zeng, Institute of Science, Technology and Society, Tsinghua University; Wei Hong, Tsinghua University

Reconstructing Historical Regimes of Design and Production in Digital Fabrication
Yana Boeva, York University

Red and Green: The Green Revolution and Science in the Context of Socialist Planning in Poland
Dong Ju Kim, Korea Advanced Institute of Science and Technology (KAIST)

Reflecting STS: A Historical Review of STS in Mainland China
Zhengfeng Li, Institute of Science, Technology and Society, Tsinghua University; Xiao Lu, Institutes of Science and Development, Chinese Academy of Sciences

Chair:

Martina Schluender, University of Toronto

167. Re-assembling Urban Life: STS and the Making of Sustainability I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton B

Participants:

Materialized Energy Citizenship and the Sustainability Transition: Material Interventions and their Consequences
Marianne Ryghaug, Norwegian University of Science & Technology (NTNU)

Transforming Cities through Re-assembling Material Flows: Energy, Food and New Collectives
Tomas Moe Skjølstvold

Sustainability and the Danish Energy and Transport Sector: Investigating Controversies in a Scenario Planning Process
Meiken Hansen, Technical University of Denmark; Per Dannemand Andersen, Technical University of Denmark

A Tale of Two Technologies: Sustainability Transformations through Public Transportation in Two Local Governments in Norway
Lina Ingeborgrud

Chair:

Marianne Ryghaug, Norwegian University of Science & Technology (NTNU)

168. STEM Education I: The Power Dynamics of Technoscientific Educations

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Jefferson

Participants:

Where is the Social in STEM?
Sarah Stapleton, University of Oregon

Racist, Classist, Colonizing Neoliberal Fuckery within STEM Eduspeak: Counter-Stories from the Front Lines
Jean Aguilar-Valdez, Portland State University

Counterhegemonic Technology Integration
Jarek Sierschynski, University of Washington Tacoma; Dominic Jay Crisostomo, University of Washington Tacoma

The Future of Education: The Problem of Cultivating the Unique Human Capacities Required in the Age of Robotics
Lars Geer Hammershøj, Aarhus University

Modern Engineering Technologies and Their Impact on Contemporary Engineering Work *Po-Jen Bono Shih, Virginia Tech*

Chair:

Matthew Weinstein, Univ. Of Washington-Tacoma

169. Reproductive Health, Technologies and Outcomes

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Kent

Participants:

“My Body as the Site of the Catastrophe”: Fertility and the Radical Possibilities of Failure
Alana Cattapan, University of Saskatchewan

Bearing a Barren Body: Shaping Women’s Bodily Experiences in IVF Treatments *Marjolein de Boer, University of Oslo*

The Development of Male Contraceptive Technologies from a Feminist and a Post-Colonial Perspective *Miriam Klemm, Technische Universität Berlin*

The Construction of Sex Ratios in Population Sciences and Social Movements *Rajani Bhatia, University at Albany, SUNY*

Worlds Apart? The Emergence of Cell Free Fetal DNA Testing in Austria *Ingrid Metzler, University of Vienna, Department of Science and Technology Studies*

Chair:

Ingrid Metzler, University of Vienna, Department of Science and Technology Studies

170. Toxic Torts and Persistent Polluters I: Persistent Polluters and Citizen Science

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - Public Garden

Participants:

How Naive Experts Use Citizen Science to Cope with Air Pollution in China *Rodolfo Andres Hernandez, Tsinghua University; Zhengfeng Li, Institute of Science, Technology and Society, Tsinghua University*

Collapsing Quality and Safety: Standardizing Milk in China after Melamine *Megan Tracy, James Madison University*

The Politics of Science in the 'Samsung Leukemia' Case *JONGYOUNG KIM, Kyung Hee University*

Science in Pollution Politics: Schoolchildren as 'Guinea Pigs'? *Wen-Ling Tu, National ChengChi University, Taiwan; Chia-Liang Shih, National Chengchi University*

Chair:

Kim Fortun, University of California Irvine

171. STS, Critical Design, Critical Digital Humanities I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - Riverway

Participants:

- STS through/with Design: Reflection-in-Practice and Affective Engagement to Circumvent Disciplinary Boundary Maintenance *Dean Nieusma, Rensselaer Polytechnic Institute*
- Toward a More Critical "Critical Design" *James Malazita, Rensselaer Polytechnic Institute*
- An Attempt at Designerly Leaps beyond Making *Sissel Olander, The Royal Danish Academy's School of Design; Li Jönsson, The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation*
- Claims of Equity and Expertise: Feminist Interventions in the Design of DIY Communities and Cultures *Ellen Foster*
- Design for Living Complexities: An Experiment in Teaching Critical Thinking about Design *Peter J. Taylor, UMass Boston*

Chair:

James Malazita, Rensselaer Polytechnic Institute

172. Community Informatics and Science and Technology Studies

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - The Fens

Participants:

- Citizens, Safety and the Precariousness of Digital Community Initiatives *Jason Pridmore, Erasmus University; Anouk Mols, Erasmus University*
- Narrating Disaster, Contesting Reconstruction: Design Notes on Practices of Damage Assessment in the Wake of the 2015 Nepal Earthquake *Robert Soden, University of Colorado Boulder; Austin Lord, Cornell University*
- Communities as Controversies in Constant Resolution *Ammar Halabi, University of Fribourg; Basile Zimmermann, University of Geneva*
- Reconsidering Community TV: The Transformation of Public Knowledge and Production Spaces in San Francisco *Matt Dewey, University of California, San Diego*
- Refugee & Forced Migration Informatics *Amirah Majid, University of Washington*

Chairs:

Colin Rhinesmith, Simmons College
David Nemer, University Of Kentucky

173. "NSF speed dating" with STS Program Director Fred Kronz

10:00 to 12:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

174. Coffee Break - Sponsored by Duke University Press

10:30 to 11:00 am

Sheraton Boston: Foyer

175. Racism and Health II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Using a Structural Competency Framework to Teach Structural Racism in Pre-Health Education *Jonathan Metzl, Vanderbilt MHS*

Making Limits to the Body: The Production of Somatic Differences to Grant Access to Healthcare *Jorge Castillo-Sepúlveda, University of Santiago de Chile*

Reframing Risk, Health, and Security: Nurses Challenge the National Smallpox Vaccination Program of 2002 *Gwen D'Arcangelis, Skidmore College*

Furthering The Case for Black Disability Studies as Praxis *Moya Bailey, Northeastern University; Izzetta Mobley, University of Maryland College Park*

Chairs:

Anne Pollock, Georgia Tech

Melissa Creary, University of Michigan, School of Public Health

176. Visual (In)Sensibilities II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Visualizing Climate Change: On the Role of the Visual in National Geographic's Climate Change Discourse. *Dorothea Born, University of Vienna*

Visual In(sensibilities): Representation of Human Evolution in Mexican Visual Culture *Erica Torrens, Universidad Nacional Autonoma de Mexico; Ana Barahona, UNAM*

The Image of Intersubjectivity: The Tacoma Narrows Bridge, Objectivity, and Infrastructure Failures *Travis Hnidan, York University*

Theater of Operations: Asymptote Architecture New York Stock Exchange Virtual Trading Floor and Command Center *Hicham Awad, Harvard University*

Empirical Prints as Dramatic Images *Kasper Ostrowski, Aarhus University*

Chair:

Regula Valérie Burri, HCU - HafenCity University Hamburg

177. Embodying the Ends of War

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Wounds of War: Infantry Rifles and the Embodiment of Lethal Force *Nisha Shah, School of Political Studies, University of Ottawa*

From Eugenics to Resilience: War, Psychometry, and the Politics of Inclusion *Alison Howell, Rutgers University - Newark*

Wounds and Assets: Big Data and Epidemiological Fact-Making in U.S. Military Health Research *Emily Sogn, New School for Social Research*

On the Road in the Afterwar *Kenneth MacLeish, Center for Medicine, Health and Society, Vanderbilt University*

Chair:

Kenneth MacLeish, Center for Medicine, Health and Society, Vanderbilt University

178. Synthetic Actors I: Drones and Robots as Synthetic Actors

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Players, Not Users: Theorizing Synthetic Actors in eSports *Niklas Woermann, University of Southern Denmark*

Making Multitasking Matter: Using Object-Oriented Ontology to Human-Drone Systems
Brandon Kramer

Environments in Composition: On the Synthetic Situation of Drone Piloting *Marcel LaFlamme, Rice University*

Making Surgical Robotic Tools into Sensible Interaction Partners *Neil Stephens, Brunel University London*

Chair:

Niklas Woermann, University of Southern Denmark

Discussant:

Karin Knorr Cetina, University of Chicago

179. Interspecies Sensibilities II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Material Science: A Comparison Across Three Scientific Sites *Jennifer Lai, Michigan State University*

Re-Enacting Immunity in Microbiome Science: Tensions between Old Paradigms of Exclusion and a New Postgenomic Biosociality *Andrea Nunez Casal, Goldsmiths, University of London*

The Human Virome: Trans-speciesism Beyond the Microbiome *Melanie Armstrong, Western State Colorado University*

A Game Changer for the Animals: Why Effective Altruists Love Cultured Meat *Garrett M Broad, Fordham University*

Animal Obsolescence and The Multispecies Ethics of Cellular Agriculture *Elan L Abrell, Harvard Law School*

Chair:

Christena Nippert-Eng, Indiana University

180. Science out of Comfort: Ethics as an Act of Violence

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Retraction: The "Other Face" of Research Collaboration *Li Tang, Fudan University; Cong Cao, East Asian Institute*

The Coloniality of Philosophies of Biology *Shay-Akil McLean, University of Illinois at Urbana-Champaign*

A New Hierarchy of Care for Children on Extracorporeal Life Support: Beyond the Illness Narrative during a Rare Therapeutic Strategy *Krisjon Rae Olson, Medical College of Wisconsin*

Chair:

Anna Croon Fors, Department of Informatics, Umeå University, Sweden

Discussant:

Eva Svedmark, Umea University

181. Theorizing Harm

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Desensitization and the Problem of Harm *Theresa MacPhail, Stevens Institute of Technology*

Defining Harm: The Case of Internet Risks for Children *Neta Ziskind, Haifa University and Open University of Israel; Rivka Ribak, University of Haifa*

Irreparability and the Temporality of Harm *Gwen Ottinger, Drexel University*

Chairs:

Max Liboiron, Memorial University of Newfoundland and Labrador

Beza Merid, Department of Communication Studies, University of Michigan

Discussant:

Michelle Murphy, University Of Toronto

182. Techno-Jobs and Capital II: Digital Management and the (Free) Labor of Data Markets

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Platform Discipline: The Labor Process of Content Producers and Data Analysts in the YouTube Economy *Michael Louis Siciliano, UCLA*

The Production of Digital Knowledge Archives through Slack *Ope Akanbi, University of Pennsylvania*

Measuring Work: Self-Tracking Technologies and the (In)sensibilities of Labour *Karen Dewart McEwen, University of Toronto*

Chair:

Norma Tamaría Möllers, Queen's University (Kingston, Canada)

183. The Politics of Forensic Identification in the Wake of Disaster and Atrocity

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Cross-Examining Expertise; An Examination of Social Phenomena in Forensic Investigation of Atrocity Crimes *Derek Congram*

Disaster and Atrocity Victim Identification Practices: Politics and Normativities *Victor Toom, Goethe University*

Memory and Forensic Reason in Cyprus *Elizabeth Anne Davis, Princeton University*

“The Dogma of DNA”: Forensics and Epistemologies of Ignorance in the Mexican Borderlands *Lindsay Adams Smith, University of New Mexico; Vivette Garcia Deister, UNAM*

Forensic Capacities in the Philippines: Limitations and Practice *Matthew C. Go, Department of Anthropology, University of Illinois at Urbana-Champaign*

Chairs:

Victor Toom, Goethe University

Sarah Wagner, George Washington University

184. The Domains of Data Science: Science, Industry & State

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Participants:

What is a Domain? Boundary Work and its Crossings in Data Science *David Ribes, University of Washington*

Paradiscipline? A Distinctive Mode of Interdisciplinarity in 'Big Science': The case of the Beijing Genome Institute *Xiaobai Shen, University of Edinburgh; Kai Wang, The ESRC Centre for Genomics in Society (Egenis) at the University of Exeter; Robin Williams, The University of Edinburgh*

Data Science Institutes in the Netherlands *Sally Wyatt, Royal Netherlands Academy*

The Enduring Spell of Tacit Knowing?: Data Science and its Discontents in the Managerial and Policy Landscape of Japan *Masato Fukushima, University of Tokyo*

Chair:

Geoffrey C. Bowker, University of California, Irvine

185. Plasticity, Postgenomics, and the Politics of Possibility I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Abnormality, Pathology, Plasticity: Conceiving Tensions in PGT *Juliane Collard, University of British Columbia*

Biocultural Approaches to Genetic Ancestry: Plasticity Denied, Possibility Foreclosed? *Noah Tamarkin, Ohio State University*

A Postgenomic Body? Genealogy and Open Questions *Maurizio Meloni*

An Imagined Future Community: Taiwan Biobank, Taiwanese Genome, and Nation-Building. *Yu-yueh Tsai, Institute of Sociology, Academia Sinica*

Chair:

Maurizio Meloni

186. Querying Open Knowledge

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Wisdom of Politically Polarized Crowds *Misha Teplitskiy, Harvard University; Eamon Duede, University of Chicago; Feng Shi, University of North Carolina*

Preserving the Margins: Designing for Unpredictable Behavior on Open Online Knowledge Production Platforms *Gabriel Mugar, Engagement Lab at Emerson College*

Three Participatory Technology Assessment Narratives: The Challenges of Public Deliberation in the United States Federal Agency Institutional Context *David Tomblin, University of Maryland, College Park; Mahmud Farooque, Arizona State University*

Observing Archives: Web Archival Labour as Socio-technical Practice *Jessica Ogden, University of Southampton; Susan Halford, University of Southampton; Leslie Carr, University of Southampton*

Anthropophagic Networks: The Role of the “Artist Class” in Brazilian Technology Transfer and the Myth of Use-neutrality *Beatrice Chicago Choi, Northwestern University*

Chair:

Jessica Ogden, University of Southampton

187. The Ethnographic Effect: Imagining a Next Generation of Methodological Possibilities I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Framing the Ethnographic Effect *Brit Ross Winthereik, IT University of Copenhagen; Andrea Ballester, Rice University*

Listening Across Borders: Migration, Dedications, and Affect *Alexandra Sharp Lippman, University of California, Davis*

Generative Collectives in Argentinian Care Trans*Formations: Methodological Possibilities from the ‘In Between’ *Sonja Jerak-Zuiderent, Linköping University, Technology and Social Change; Teun Zuiderent-Jerak, Department of Thematic Studies - Technology and Social Change, Linköping University*

Asking Again and Again: Moving Between Questions in Development Research in Afghanistan

Tjitske Holtrop

Analogics *Antonia Walford, UCL*

Chair:

Andrea Ballestero, Rice University

188. Sociotechnical Approaches to Privacy and Data Protection II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Confidante Games: Spanish Prisoners, Nigerian Princes, Counterfeits and Lockpicking

Nathanael Bassett, University of Illinois at Chicago

Devising Identity: Wearables and Persistent Identity *Steven Richardson, Queen's University;*

Debra Mackinnon, Queen's University (Kingston, Canada)

Health, Pervasive Data, and Privacy: Negotiating Boundaries in Sociotechnical Spaces

Matthew Bietz, University of California Irvine; Cynthia Cheung, University of California, San Diego; Cinnamon Bloss, University of California, San Diego

Transnational Genetic Surveillance: New Challenges to the Governance of Crime *Helena*

Machado, Centre for Social Studies, University of Coimbra, Portugal; Rafaela Granja, Centre for Social Studies, University of Coimbra, Portugal; Marta Martins, Centre for Social Studies, University of Coimbra; Sara Matos, Centre for Social Studies, University of Coimbra

Familial Searching and Controversies in 'Hybrid Forum' *Rafaela Granja, Centre for Social Studies, University of Coimbra, Portugal; Helena Machado, Centre for Social Studies, University of Coimbra, Portugal*

Chair:

Katie Shilton, University of Maryland, College Park

189. STS and the Design of Dying, Death and the Afterlife II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Digital Death: Digitalization of Medical Technologies and Conceptions of Death *Kostas Raptis,*

National and Kapodistrian University of Athens; Aristotelis (Aristotle) Tympas, National and Kapodistrian University of Athens

Living on as Flesh and Data: Exploring how Danish Whole Body Donors Envisage Physical and

Digital Spaces of Death and Afterlife *Maria Olejaz, Center for Medical Science and Technology Studies, University of Copenhagen*

A New Way of Dying *María Pilar Bacci, Universidad de la República*

Chairs:

Iris Wallenburg, institute for Health Policy and Management

Maria Olejaz, Center for Medical Science and Technology Studies, University of Copenhagen

190. Scientific Controversies

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Mundane Reason in Scientific Community: A Study on Han Chunyu's Controversy over Genetic Editing *Jiuheng He, Institute of Science, Technology and Society, Tsinghua University, China*

Contesting ADHD: Controversial disorder and health social movement *Fan-Tzu Tseng, Academia Sinica, Taiwan*

The East is "Scientific": Scientists, the State, and Credibility Crises During China's GMO Controversy *Abigail Coplin, Columbia University, Department of Sociology*

The Case of and Precaution against Disguised Human Organ Trading *yang tongwei, Shandong University*

Chair:

Fan-Tzu Tseng, Academia Sinica, Taiwan

191. Roundtable Workshops

11:00 to 12:30 pm

Sheraton Boston: Floor 2 - Grand Ballroom

191-1. Eating Beside the Human: Intercalary Exchanges on Food's Thresholds

Roundtable Workshop

Participants:

Making Agribusiness Palatable: Pet Food, Breath, and the Trade in Industrial Sense Impressions *Alex Blanchette, Tufts University*

On Life Support *Harris Solomon*

The Placenta: An Ethnographic Analysis of Nourishing Relations *Emily Yates-Doerr*

Animate Thresholds: Diabetes and Planetary Health at the Edge of the Sea *Amy Moran-Thomas, MIT*

Cosmologies, Ontologies and A Gentle Empiricism: Biodynamic Viticulture in New Zealand *Deborah Heath, Lewis and Clark College*

Chair:

Heather Paxson, Massachusetts Institute Of Technology

191-2. Zbola and the (in)Sensibility of Death

Roundtable Workshop

Participants:

Social Perceptions of Neglected Disease: The Case of Zika Virus in Brazil *Andre Sica de Campos, Unicamp; Janaina Pamplona da Costa, Unicamp; Rhiannon Kroeger, Louisiana State University*

Experiencing Zbola: First Person Accounts of (in)Sensibility *Juan Aguilar, Heidelberg University; Wesley Shrum, Louisiana State University*

"Do they want to kill us with Ebola?" Vaccine Trials and Risk Communication in Ghana. *John Kojo Aggrey, Louisiana State University; Wesley Shrum, Louisiana State University*

Preparing for an Epidemic Amidst Uncertainty and Distrust: One American City's Efforts to Stem the Spread of Disease and Stigma in Response to Ebola *Paige Miller, University of Wisconsin, River Falls*

Zika Virus in Mexico: Its Social Aspects With a Gender Perspective *Ana Pandal de la Peza, Universidad de las Americas Puebla; Leandro Rodriguez Medina, Universidad de las Americas Puebla*

Chair:

Wesley Shrum, Louisiana State University

Discussant:

Wenda K Bauchspies, NSF

192. Historical (In)Sensibilities II: STS and the History of the Present and the Absence

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Understanding the Opioid Epidemic: A Genealogical Analysis of Pain Management *Melina Sherman, University of Southern California, Annenberg School for Communication & Journalism*

Meteorological Frontiers: Climate Knowledge, the West, and U.S. Statecraft, 1800-1850 *Zeke Baker, University of California, Davis*

Solar Energy Technologies: Contingency and Trajectory of an Intermittent Duration Neglected. Cross Check of History of the Technology and STS. *Nelson Arellano, Universidad de Tarapaca*

When Doors are Removed for Our Own Safety. A Historical Case Study of the 'Failed' "Question Mark" Telephone Booth *Mette Simonsen Abildgaard, Aalborg University Copenhagen*

The Exploration and Representation of the Technological Value of Industrial Heritage in China *HUI LUO, National Academy of Innovation Strategy, CAST; Hongwei Wang, National Academy of Innovation Strategy, CAST; Xiangdong LIU, National Academy of Innovation Strategy, CAST; Xiang LI, National Academy of Innovation Strategy, China*

Chairs:

Susanne Bauer, University of Oslo

Nils Güttler, ETH

193. Re-assembling urban life: STS and the making of sustainability II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

"This is what is coming": Sociotechnical Imaginaries of the Energy Future. A case study of Norwegian early adopters of solar panel technology *Gitte Hanssen Koksvisk, Department Of Interdisciplinary Studies Of Culture, Norwegian University Of Science And Technology,*

Pioneering New Energy Practices: Motivations and Future Imaginations of Prosumers in Norway *Ingrid Ballo, University of Bergen*

Urban Interconnectedness in a Rural Geography: The Role of Prosumers and Energy Citizenship *William Throndsen*

“Green” and Gendered: Electric Car Culture in Urban Energy Transitions *Martin Anfinssen, Norwegian University of Science and Technology*

Chair:

Tomas Moe Skjølvold

194. STEM Education II: Reconfiguration within and Resistance to the Rise of (alt)Right-Wing Governments

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Tracing Articulations of Science Education in the Trumpocene *Matthew Weinstein, Univ. Of Washington-Tacoma*

Uncovering the STEM-ification Governance Networks: The Story from Georgia *Ajay Sharma; Cheryl Hudson, University of Georgia*

STEM Education in Right-wing Populist Contexts *John Bencze; Lyn Carter, Australian Catholic University, Melbourne, VIC, Australia*

Aesthetics and Political Resistance for Science Education *Jesse Thomas Bazzul, University of Regina; Sara Tolbert, University of Arizona*

The Hopes, Pitfalls and Redemption of Transdisciplinary, Online, Open Science: Developing a Green Neuroscience Curriculum *Paul Tsang, University of Toronto; Ximena Martinez, Ontario Institute for Studies in Education, University of Toronto; Maria Ikram, Green Neuroscience Laboratory, Institute for Green and Open Sciences; Ann Lam, Physicians Committee for Responsible Medicine; Elan Ohayon, Green Neuroscience Laboratory*

Chair:

Matthew Weinstein, Univ. Of Washington-Tacoma

195. Ambiguous Relations and the Politics of Reproductive and Sexual Bodies

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Ambiguities of Abortion: Multiple Realities and Misoprosotol in Lima, Peru *Rebecca Melanie Irons, University College London*

Making Sense of the Abortion Pill: A Historical Sociotechnical Analysis of RU486 in Canada *Patricia Campbell, Red Deer College*

Invisible Women: Control and the Gestating Body in Prenatal Supplementation Studies *Meredith Reiches, University of Massachusetts Boston*

Fighting AIDS in Taiwan: Revisiting the Gift Relationship in the Case of PrEP *Poyao Huang, UCSD*

The Biomedicalization of Pain for Women, from Bodies to the Political Senses: The Case of Childbirth *Maud Arnal, EHESS, Cermes3/IRIS*

Chair:

Patricia Campbell, Red Deer College

196. Toxic Torts and Persistent Polluters II: Persistent Polluters Challenged by Toxic Torts

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

Class Action as a Trigger for Agency and Environmental Valuation: Yunlin People v. Formosa Plastics *Paul Jobin, Academia Sinica*

Reconstructing Genba: RCA Groundwater Pollution, Research and Lawsuit in Taiwan, 1970-2014 *Yi-Ping Lin, National Yang-Ming University*

Lost and Found in Translation: Contesting US Legal Authorities in a Transnational Mass Toxic Tort Litigation in Taiwan *Hsin-Hsing Chen, Graduate Institute for Social Transformation Studies*

Law and Science in Minamata Disease: Japanese Experience of Social Struggle against The biggest Kogai *Atsushi SADAMATSU, Kyoto Koka Women`s College*

Chair:

Kim Fortun, University of California Irvine

197. STS, Critical Design, Critical Digital Humanities II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Queer Justice Design: Pivoting to, and Articulating Outsider Sensibilities to Design new Infrastructural Knowledge Practices *Jarah Moesch, University Of Maryland College Park*
Exploring Resolutions to the Device Paradigm with Speculative Design *Holly Robbins, Delft University of Technology; Elisa Giaccardi, Delft University of Technology; Elvin Karana, Delft University of Technology*

Not Just Guns but Bullets Too: The Role of Diagetive Prototypes and Material Speculation within the STS and the Digital Humanities. *Matt Ratto, University of Toronto*

Mapping as a Critical Research Method: On Self-Reflexive Design in the Academy *Ned Prutzer, University of Illinois at Urbana-Champaign*

Project Methodology and Critical Thinking in the Contemporary Demands of the Design Field *Fabiana Heinrich, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio); Alberto Cipiniuk, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio)*

Chair:

James Malazita, Rensselaer Polytechnic Institute

198. Articulating the Sensibilities of Social Media I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

Social Media Definition: A Task for the Researcher or the Participant? *Harry T Dyer, University of East Anglia*

Negotiating Visibility: How Expertise Shapes the Communication on Platforms *Andrea Geipel, MCTS, Technical University of Munich*

It's Time for Scientists to E-volve: Scientists' Engagement in Online Public Science Communication of GMO issue in China *xiao zhang, The University of Tokyo*

How Can Caregivers Take Care of Themselves with Social Media? *Erting Sa, SUNY Albany*

Utilizing Social Media for Knowledge-making: A Research Framework *Ricky Leung, SUNY-Albany*

Chair:

Ricky Leung, SUNY-Albany

199. Blogs, Backchannels and Short Form Writing

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon D

Presenters:

Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

Anita Chan, U. of Illinois, Urbana-Champaign, ICR

Steven Jackson, Cornell University

Aftab Mirzaei, York University

Tania Pérez-Bustos, National University of Colombia

Amanda Windle, London College of Communication, University of the Arts, London

200. Building STS Programs

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon E

Presenters:

Samuel A Weiss Evans, Tufts University

Daniel Breslau, Virginia Tech

Gretchen Gano, Center for Science, Technology, Medicine & Society, University of California Berkeley

Kelly Joyce, Drexel University

Kyoko Sato, Stanford University

Nick Seaver, Tufts University

Jameson Wetmore, Arizona State University

201. Feminist STS Meet-up

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon G

202. Ethnografilm Dalies II

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

203. Getting Out The 1,000 Words 2: Pitch Slam with Media Editors and Policy Advisors!

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 2 - Grand Ballroom

Presenters:

Maria Balinska, The Conversation

David Corcoran, MIT Knight Science Journalism

Dan Pomeroy, MIT International Policy Lab

Maggie Villiger, The Conversation

204. EASTS Journal Editorial Meeting

Business Meeting

12:45 to 1:45 pm

Sheraton Boston: Floor 5 - Public Garden

205. Doing Situational Maps and Analysis in STS

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 5 - Riverway

Presenters:

Adele E Clarke, University of California, San Francisco

Rachel Washburn, Loyola Marymount University

206. "NSF speed dating" with STS Program Director Fred Kronz

1:00 to 3:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

207. Analyzing Race as a Ghost Variable in Human Research

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Microethnicities *Amber Benezra*, NYU Tandon School of Engineering

Prosthetic Whiteness: Management of Racial Risks in Opioid Science *Helena Hansen, New York University*

Submerging Race in Biomedical Studies of Testosterone *Elizabeth Carlin, CUNY Graduate Center; Brandon Kramer; Rebecca Jordan-Young, Barnard College, Columbia University; Katrina Karkazis, Stanford University*

The Powers of Testosterone: Race, Nation, and the Regulation of Women Athletes *Rebecca Jordan-Young, Barnard College, Columbia University; Katrina Karkazis, Stanford University*

The Rational Self and the Impulsive Other: Dual-Process Models and Racializing Assemblages *Chad Valasek, University of California at San Diego*

Chairs:

Rebecca Jordan-Young, Barnard College, Columbia University

Katrina Karkazis, Stanford University

208. Visual (In)Sensibilities III

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Making Sense of Images: Approaches to Visualization in Biology and the Life Sciences *Scott Curtis, Northwestern University*

Not Just Any Map Will Do: Map Usage in the Site Selection of the Laser Interferometer Gravitational-Wave Observatory (LIGO) Large-Scale Interferometers *Tiffany Nichols, Harvard University - History of Science*

Visualising Data: A Study of Biomedical Imaging Practices in MRI Innovation, Past and Present *Silvia Casini, University of Aberdeen*

Visualizing Lies: The Relevance of Imaging Technologies in Modern Lie Detection *Torsten Heinemann, University of California, Berkeley; Larissa Fischer, University of Hamburg; Bettina Paul, Universität Hamburg*

Chair:

Dorothea Born, University of Vienna

Discussant:

Regula Valérie Burri, HCU - HafenCity University Hamburg

209. Envisioning Nuclear Technology Futures Amid Political-Epistemic Uncertainties

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Political-Epistemologies of Mankala Cooperative Nuclear Energy Financing in Finland *Vincent Ialenti, Cornell University*

Populism and Nuclear Power in Europe *Gordon Mackerron, University of Sussex*

Nuclear Emergency Response: Walking the Tight Rope between Cynicism and Normalization *Sonja Schmid, Virginia Tech, NVC*

Nuclear Lying: A History *Hugh Gusterson, George Washington University*

The Walking Dead: “Truth” and the “Success” of Advanced Reactor Technology *Allison Macfarlane, George Washington University*

Chair:

Vincent Ialenti, Cornell University

Discussant:

Aleksandr Sklyar, University of Michigan, Ann Arbor

210. Synthetic Actors II: Algorithms and Databases as Synthetic Actors

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Synthetic Situations and Algorithmic Phenomena *Elena Parmiggiani, NTNU; Eric Monteiro, Norwegian University of Science and Technology (NTNU); Thomas Østerlie, NTNU Social Research*

Synthetic Relationships: Affective Flexibility in the Diagnostic Genetics Laboratory *Chris Goldsworthy, Institute for Science, Innovation and Society, University of Oxford*

Approaching the Algorithmic Governance of HIV *Jeffrey Andrew Christensen, Tema T, Linköping University*

“How angels are made”: Ashley Madison and the Social Bot Affair *Tero Karppi, Department of Media Study, State University of New York at Buffalo*

Chair:

Niklas Woermann, University of Southern Denmark

Discussant:

Karin Knorr Cetina, University of Chicago

211. Shaping the Human-Technology Frontier I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Configuring Technologies, Organizations and User-Bodies: The Introduction of 3D Printing to the Prosthetics Industry *David Seibt, Technical University of Munich*

Hybrid Ecologies, Affective Atmospheres and Metabolic Systems in Art and Design *Desiree Förster*

Privacy and Security in the Age of Human Augmentics *Jason Archer, University of Illinois at Chicago*

Emerging Technologies & Community Resilience (ETCR) *Richard B Duque, SUNY Polytechnic Institute*

Chair:

Richard B Duque, SUNY Polytechnic Institute

Discussant:

Richard B Duque, SUNY Polytechnic Institute

212. Studying Science Communication I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Diagnosing Orthorexia Nervosa: The Medicalization of “Excessive Health” in the News Media
Amy A. Ross, Northwestern University

From the Lab to the Streets: A Field Report on Training for Synthetic Biologists in Public Engagement
Matthew Harsh, Concordia University; Brandiff Caron; Ravtosh Bal, Concordia University, Montreal, Canada

Is Scientific Knowledge “Borderless”? The Citation and Credibility of Local and International Research in China’s GM-Food Controversies
Wanheng HU, Peking University

Visuals in Biology: Motion and Agency
Charudatta Navare, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research

"You have to connect with the audience" Spaces of Communication as Spaces of Knowledge Production
Mariana Celeste Smulski, Instituto de Ciencias Antropológicas, Universidad de Buenos Aires

Chair:

Maja Horst, University of Copenhagen

213. Citizen Science Politics and Practices I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Crowdsourcing Vector Surveillance: Mosquito Mappers and Citizen Scientists Encounters
Maria I. Espinoza, Rutgers University

The Missing Link in Air Quality Citizen Sensing Projects; Making Sense of Data
Ehsan Sabaghian, School of Information Studies, Syracuse University; Sikana Tanupabrungsun, School of Information Studies, Syracuse University; Murali Venkatesh, School of Information Studies, Syracuse University; Sonal Ashok Said, School of Information Studies, Syracuse University

The Ethics of Citizen Science Gaming: Perspectives from STS
Karen Schrier, Marist College

Design Thinking for the Ideation of Collaborative Research Processes: A Comparative Case Study about the Co-Design of Citizen Science Experiments
Enric Senabre Hidalgo, IN3 - Open University of Catalonia // CECAN - University of Surrey; Josep Perelló, OpenSystems, Universitat de Barcelona; Isabelle Bonhoure, Universitat de Barcelona

Understanding Volunteers’ Interests in Virtual Citizen Science Projects
Emily Oswald, Department of Education, University of Oslo

Chairs:

Shun-Ling Chen, Institutum Iurisprudentiae, Academia Sinica

Melanie Dulong de Rosnay, ISCC CNRS Paris Sorbonne

214. Techno-Jobs and Capital III: Transnationalism, Race, Gender, and Expertise of Techno-Labor

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Maintenance Work for the Global Information Highway: Village Data Processing Centers in India *Winifred Poster, Washington University, St. Louis*

Race, Gender, and the Perfect Digital Latina Worker *Melissa Villa-Nicholas, University of Rhode Island; Miriam Sweeney, University of Alabama*

Approaching the Ancillary Work of Campus-Based Competitive Gaming *Nicholas Taylor*

Creative Class Consciousness: The Origins of a Collective Identity *Matthew Wisnioski, Virginia Tech*

Data Science as a New Expertise and the PhD Question *Angela Xiao Wu, New York University*

Chair:

Norma Tamaría Möllers, Queen's University (Kingston, Canada)

215. Constructing (Sociotechnical) Resilience: Modeling and Reflexive Engagement in STS

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Resilience as a Sociotechnical Problem: Concept and Methodology *Sulfikar Amir, Nanyang Technological University*

Organisational Interdependencies and Emergency Capacity: A Sociotechnical System Approach *Justyna Katarzyna Tasic, Nanyang Technological University*

Modeling Sociotechnical Resilience: the Case of Singapore MRT *Fredy Tantri, Nanyang Technological University*

Imaginary and Dysfunction: The Real-time Emergency Radiological Consequence Simulation Technology for Nuclear Disaster in Japan *Kohta Juraku, Tokyo Denki University; Shin-etsu SUGAWARA, Central Research Institute of Electric Power Industry*

Chair:

Sulfikar Amir, Nanyang Technological University

Discussant:

Kohta Juraku, Tokyo Denki University

216. Invited Session: Reproductive Justice and Injustice

Panel Discussion

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Chair:

Banu Subramaniam, University of Massachusetts Amherst

Moderator:

Evelynn Hammonds, *Harvard University*

Panel Members:

Khiara Bridges, Boston University

Dana-ain Davis, Queens College & CUNY Graduate Center

Debora Diniz, International Women's Health Coalition, University of Brasilia, Brazil

Cei A Lambert, Fenway Health

Susan Yanow, Women Help Women

217. Plasticity, Postgenomics, and the Politics of Possibility II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Epigenetic Plasticity and Permeability: Shifting Temporality and New Thresholds of Fetal Life

Becky K Mansfield, Ohio State University

Epigenetic Inheritance and Postcoloniality: The Case of the 'Thin-Fat Indian Baby' *Ruth Müller,*

MCTS TU München; Michael Penkler, Technical University of Munich

On the Traces of Biosocial Plasticity. A Genealogical Approach *Luca Chiapperino, University of*

Lausanne, Faculty of Social and Political Sciences; Francesco Panese

Plasticity and Possibility in Regenerative Biology: Model Organisms and New Human Biologies

Emily Wanderer, University of Pittsburgh

Chair:

Maurizio Meloni

218. From Disruption to Obstruction: Race, Gender, Economics, and Other (In)sensibilities of Edtech

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Designing Race: The Formation of Synthetic Intellectuals *Christien Tompkins, UCLA*

Disruptive Fixation: How Enthusiasm for Ed-Tech Survives Despite Persistent and Predictable

Failures *Christo Sims, University of California, San Diego*

Feminist Politics of Belonging: Participatory Culture and Youth Digital Video Production *Negin*

Dahya, University of Washington; W E Chapin, University of Washington

Times Thirty: Infrastructural Politics, Justice, and Edtech *Roderic Crooks, UCLA Department of*

Information Studies

Chairs:

Roderic Crooks, UCLA Department of Information Studies

hemy ramiel, Bar Ilan University

219. The Ethnographic Effect: Imagining a Next Generation of Methodological

Possibilities II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Watching Closely: An Exercise-Based Approach to Direct Observation Methods *Christena Nippert-Eng, Indiana University*

A Knotty Problem: Arts Based Action Research in and out of a Community Garden *sam smiley, AstroDime Transit Authority*

Citizen Sensing, Urban Politics and Practice-Based Research *Lara Houston, Goldsmiths, University of London; Jennifer Gabrys, Goldsmiths, University of London; Helen Pritchard, Goldsmiths University of London*

Ethnographic Discoveries from an Uncomfortable Impromptu Speaker Position *Nassima Abdelghafour, Centre de Sociologie de l'Innovation*

Chair:

Andrea Ballesterio, Rice University

220. Climate Data Protection Under Trump: Strategies and Tactics

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Grand Intentions, Small Interventions : Climate Data Rescue's "Guerilla Archiving" as StatActivism *britt paris, UCLA Department of Information Studies*

Data Driven Communities: Using a Data Rescue Event to Build and Bridge Scientific Networks *Jennifer Pierre*

Decentralizing Climate Change Data while Preserving Scientific Value *Irene Pasquetto, UCLA*

Mind the (data) gap: The Community Science Model *Liz Barry, Public Lab*

Chair:

Joan Donovan, University of California San Diego

Discussant:

Joan Donovan, University of California San Diego

221. Necropolitics

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

The Yale Language Laboratory, a Study of Method *Jeffrey Wajsberg*

Neural War Zone: Containing Immigrants, Terrorists, and Sex Offenders *Anthony Ryan Hatch, Wesleyan University*

Necro-life. Dead Bodies, Decomposition, and Muertos Making Practices in Colombia. *Julia Morales Fontanilla, UC Davis*

From 'Proletarian Lungs' to Classed Nonhumans? Or, Does Class Have a Substance? *Lee Nelson, RPI*

Can the Death of a Cow Talk about Ours? Animal Tanotopolitics Producing Modern State Lives *Gonzalo Correa, Universidad de la República (Uruguay)*

Chair:

Mara Dicenta-Vilker, RPI

Discussant:

Mara Dicenta-Vilker, RPI

222. Indigenous Knowledges and Technologies I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Growing Governance: Genetically Modified American Chestnut & Indigenous-led Participatory Process *Kathleen Barnhill, North Carolina State University*

Indigenous Knowledge as Local Response to Globalization and Climate Change in Nigeria/Africa *Geoffrey I. Nwaka, Abia State University Uturu*

Buen Vivir as a Decolonial, Ecological and Political Construction *Adriano Fabri, Universidade Federal do Paraná - UFPR*

Chair:

Tiago Ribeiro Duarte, University of Brasília

223. Making Pasts, Making Futures: Material Practices of Temporal Work

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Software Rot, Infrastructure Decay: Unruly Bodies of Code in Time *Marisa Leavitt Cohn, IT University Copenhagen*

Making the Future in the City *Leah Horgan, University of California, Irvine; Paul Dourish, University Of California Irvine*

What Does it Mean to be a Good Hospital? Reconfiguring Accountability in Healthcare Organizations *Kathleen Pine, University of California, Irvine; Melissa Mazmanian*

Designing the End of the Fishery *Phoebe Sengers, Cornell University*

Chair:

Melissa Mazmanian

Discussant:

Ingrid Erickson, Rutgers, State Univ of New Jersey

224. Qualitative Methods in the Context of Sustainable Energy Transformations

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Visualizing the Dreamscapes of Modernity: Analyzing Sociotechnical Imaginaries in the Area of Sustainability Transitions *Alexander Wentland, Technical University of Munich*

Approaching Sociotechnical Orders of Energy with Situational Analysis: Intervening in Energy Transformations through a New Methodological Perspective *Matthias Klaes, University of Augsburg; Sarah Glück, Zeppelin Universität gemeinnützige GmbH*

Do Multiple Realities Lie behind Apparent Failures in Building Energy Predictions? *Catherine Willan, UCL Energy Institute; Paul Ruyssevelt, UCL Energy Institute; Michelle Shipworth*

Imagining Energy Futures: Competing Narratives and Innovation Policies in the US and Germany *Farida Mortada, Harvard Law School*

Chair:

Matthias Klaes, University of Augsburg

Discussant:

Mirko Suhari, Zeppelin University

225. Integrating STS scholarship into exploratory teaching-research approaches in STEM education

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Exploratory Practice of Teaching Feminist STS to Students and Researchers in STEM *Petra Lucht, Technical University Berlin*

The Selfish Teacher *Arthur Galamba, King's College London*

Curiosity Opens Learning and Teaching: Explorations in Science and History *Elizabeth Cavicchi, Edgerton Center, MIT*

Discovering Time: Explorations in Astronomy and the History of Science *Jais Brohinsky, Turtle Island Preserve and Harvard Graduate School of Education*

Chair:

Petra Lucht, Technical University Berlin

226. Knowing Humanity in the Social World - The Path of Steve Fuller's Social Epistemology

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Knowing Humanity in the Social World: The Path of Steve Fuller's Social Epistemology *Francis Remedios, Independent Scholar*

Fuller's Science Studies, Intelligent Design, and Alternative Theology *R Valentine Dusek*
The Path Forks at Dover: Social Epistemology for the One and for the Many *Jim Collier,*
Virginia Tech

Fuller's Faustian Bargain *Robert Frodeman, University of North Texas*

Chair:

Francis Remedios, Independent Scholar

Discussant:

Steve Fuller, University Of Warwick

227. The Sensibilities of East Asian STS: Strategies, Trajectories, and Visions I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

The Strategies and Trajectories of EASTS Journal (2006-2015) and its Social and Academic Contexts *Daiwie Fu, Graduate Institute of STS, Nation Yang-Ming Univ., Taiwan*

Beyond the Engine of Economy: New Social Challenges to S&T in East Asia *Hee-Je Bak, Kyung Hee University*

STS in Post-311 Japan: Methodology, Strategy and Adaptation *Togo Joseph Tsukahara, Kobe University*

Tracing Living Traditions: Asian Medicines and Their Paths toward Modernization *Wen-Hua Kuo, National Yang-Ming University*

Seeing Like an Asian: 'Asia as Method' Narrative for East Asian and the US STS *Sungwoo Ahn, Virginia Tech*

Chair:

Wen-Hua Kuo, National Yang-Ming University

Discussant:

Michael M.J. Fischer, M.I.T

228. STS, Critical Design, Critical Digital Humanities III

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Designing for Distributed Sensibilities: Challenges with Community Wireless Mesh Networks
Dawn Walker, Faculty of Information, University of Toronto

That's Not my Job: Infrastructure vs. Hacking in Digital Fabrication Processes *Nadya Peek, MIT - CBA*

Social Video and the Politics of Perceptibility: Thinking Through Benjamin and Rancière
Andrew Arthur Fitzgerald, Stanford University

For Better or for Worse: Problematising a Union with Software *Sarah Beth Evans, North Carolina State University*

Chair:

James Malazita, Rensselaer Polytechnic Institute

229. Articulating the Sensibilities of Social Media II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

Avatar: Multiple or Disrupted?—A research on the identity in the age of Internet *Xiaoju Dong, Institute of Science, Technology and Society, School of Social Sciences, Tsinghua University*

Translating New Media Practices on Gay Dating App Socialities in Translocal, Telepresent
Manila *Paul Michael Leonardo Atienza, Department of Anthropology, University of Illinois at Urbana-Champaign*

On Grindr and the Politics of the User *Tyler Easterbrook, University of North Carolina at Chapel Hill*

Live Streaming Changes Video Game Testing: Observing Contextual Player Behavior over Video Streaming Services *Eric Nelson Bailey, Japan Advanced Institute of Science and Technology; Yasunobu ITO, Japan Advanced Institute of Science and Technology (JAIST)*

Chair:

Ricky Leung, SUNY-Albany

230. Coffee Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

231. Sorting People Out: Tracing the Political Biographies of Ethnic/Racial Categories

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Demonstrating the Future: Ethnoracial Projection in U.S. Latino Politics *Michael Rodríguez-Muñiz, Northwestern University*

The Rise and Fall of the Ethnic Category of “Mizrahim”/“Ashkenazim” by the Israeli Central Bureau *Hagar Tzameret-Kertcher, Sapir Academic College; Sigal Nagar-Ron, Sapir Academic College*

Enumerating by Caste: Changing Demands by the Indian State and Social Movements *Trina Vithayathil, Providence College*

The Absence of Numbers: Stepping Toward a “Colorblind” Israel *Anat E. Leibler, Bar Ilan University*

Chair:

Anat E. Leibler, Bar Ilan University

232. Sensing and Apprehending

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Hand – Eye – Mouse – Power Tools: Craft, Embodiment and the Digital in Architecture
Education *Claire Nicholas, University of Nebraska-Lincoln*

Knowing by Approximation: Locating and Re-Locating Peripheral Sensation *Lan A. Li, Columbia University*

Knowing Remotely: Truth-Value and Truth-Politics at Saydna Prison *Nadia Christidi, MIT*

Sensitivity to and Sensibility for Our Home *Richard Janda, McGill University; Carolina Cruz Vinaccia, Myko Social Score Project*

Chair:

Lan A. Li, Columbia University

233. Cold War Science, Technology, and Policy: The Americas in a Global Perspective

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Back into the Fold: Sino-American Scientific Cooperation Before Diplomatic Normalisation,
1971-1978 *Pete Millwood, University of Oxford*

Cold Stars: Astronomy, Politics and Identity in Chile during the Global Cold War *Barbara Silva, Universidad Catolica de Chile*

Environments of Research: US-USSR Agreement on Environmental Protection as a Scientific
Collaboration Initiative *Anna Amramina, University of Minnesota*

Nitrogen Science, Technologies, and Policy. A Transnational History of Agro-ecological Change
in the Americas. *William San Martin, Massachusetts Institute of Technology (MIT)*

Sekiko Yoshida: Scientific Computation with an Abacus in the Early U.S. Space Program *Eileen Clancy, Graduate Center, City University of New York*

Chair:

Barbara Silva, Universidad Catolica de Chile

234. Making Algorithms: Inscriptions, Benchmarks and Computers

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Algorithms and Efficiency: How Corporate Software Developers Value Time and ‘Energy’
when Building Technical Systems *Paula Bialski, Leuphana University Luneburg*

A Local Ecology of Scientific Software Knowledge *Seth Erickson, UCLA*

Writing a Statistical Package: Tailoring an Old Algorithm to a New Processor *Jérémy Grosman*

Spacetime and Code-time: Astronomical Algorithms Evolving through Dimensions of
Temporality and Materiality as Scientists Change Technological Practices *Bernadette Randles, UCLA*

Ground Truths: Designing Referential Repositories for Image-processing Algorithms *Florian Jaton, Université de Lausanne*

Chair:

Florian Jaton, Université de Lausanne

235. Shaping the Human-Technology Frontier II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

The Body Modular: What Does It Mean To Be Modular? *Emily Goldsher-Diamond*

Unbundled Relationships and Affective Commodities *Alexander A Horak; Kentaro Toyama, University of Michigan*

Total Recall: Standardizing Memory in Facebook Applications *Hagar Bohbot, University of Haifa, Israel; Rivka Ribak, University of Haifa*

Chair:

Richard B Duque, SUNY Polytechnic Institute

Discussant:

Richard B Duque, SUNY Polytechnic Institute

236. Studying Science Communication II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

The Evolution of Public-Scientists: How Indian Science Museums Are Creating Grassroots Innovators *anwasha chakraborty, University of Bologna*

Engaged Modest Witnesses: Building Bridges Between Natural History Research Museums and Society *Per Hetland, Department of Education, University of Oslo*

Dietary Advice and the Urge for Certainty *Andreas Gunnarsson, Department of Sociology and Work Science, University of Gothenburg*

Disorganized Infant Attachment, Film Technologies and the Making of a 'Buzzing' Boundary Object *Robbie Duschinsky, Cambridge University*

Chair:

Maja Horst, University of Copenhagen

237. Citizen Science Politics and Practices II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Modes of Engagement in Arctic Science: Rights Holders, Stakeholders, and the Citizen Science Debate *Noor Johnson, University of Colorado Boulder; Ruth Duerr, Ronin Institute for*

Independent Scholarship; Heidi McCann, University of Colorado Boulder; Peter Pulsifer, University of Colorado Boulder; Colleen Strawhacker, University of Colorado Boulder

The Politics of Expertise in Environmental Research: Considering the Climber *Courtney Evelyn Cecale, University of California, Los Angeles (UCLA)*

Raising Ethics: Parents of Critically Ill Children Taking the Lead in Scientific Research *Amy Dockser Marcus, Harvard Medical School; Isaac Kohane, Harvard Medical School; Effy Vayena, University of Zurich*

Community Wireless Networks as Policy Makery/Makerspace *Melanie Dulong de Rosnay, ISCC CNRS Paris Sorbonne*

Citizen Science? Lay Participation from Research Science to Regulatory Decisions *Shun-Ling Chen, Institutum Iurisperdentiae, Academia Sinica*

Chairs:

Iris Eisenberger, University of Natural Resources and Life Sciences, Vienna

Melanie Dulong de Rosnay, ISCC CNRS Paris Sorbonne

238. Marginal and Invisible Labor

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

An (in)sensible Machine: The Unpaid Care Worker in the Chthulucene *Ingrid Meintjes, Dept of Women's, Gender, and Sexuality Studies, Emory University*

Envisioning the Body at Work: Gender and Embodiment in British Colonial Bermuda *Jenna Tonn, Boston College*

Creating Commensurability: Standardizing "Foreign" Medical Labor *Eram Alam, University of Pennsylvania*

Job Prospects and Flow of Young Researchers *Alejandro Canales, UNAM-iISUE; Mery Hamui, Universidad Autonoma Metropolitana*

Bored Tech Workers Being Casually Racist *Sareeta Amrute, University of Washington*

Chair:

Sareeta Amrute, University of Washington

239. Techno-Optimism: Considering Affective Attachments to the Promises of Technoscience

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Minecraft and the Unmarked Gamer: Techno-Optimism in Pathways to Programming *Morgan G. Ames, CSTMS, UC Berkeley*

Alternative Medicine Diagnostic Equipment and the Promises of Techno-Science in Ghana's Herbal Medicine Clinics *Damien Droney, Stanford University*

Playing With Life: How Science Fiction Helped Shape the Moral Economy of Synthetic Biology
Rebecca Wilbanks, Stanford University

Chair:

Damien Droney, Stanford University

Discussant:

Lilly Irani, University of California, San Diego

240. 2017 Bernal Lecture: Hebe Vessuri

Author Meets Critic

4:00 to 5:30 pm

Sheraton Boston: Floor 2 - Constitution

Chair:

Kim Fortun, University of California Irvine

Panel Members:

Leandro Rodriguez Medina, Universidad de las Americas Puebla

Sarita Albagli, IBICT Brazilian Institute for Information in Science and Technology

Rigas Arvanitis, Ird

Hebe Vessuri, Research Center of Environmental Geography (CIGA) UNAM

241. Plasticity, Postgenomics, and the Politics of Possibility III

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Broken Brains? Plasticity and Hope in Developmental Neuroscience *Kasia Tolwinski*

Depressed Life: Microbiota-Gut-Brain Axis and New Plastic Epistemologies of the Human *Ariel J Rawson, The Ohio State University*

The EDC-MixRisk Project: Mixing the Real-Lives of EDC Risk and its Localized Implementation
Nadav Even Chorev, European Institute of Oncology; Giuseppe Testa, European School of Molecular Medicine

The Plasticity of Epigenetics: An Ethnography of the Enactment of Epigenetic Perspectives in a
Psychiatric Research Laboratory *Georgia Samaras, MCTS TU München*

Plastic Bodies and Rigid Societies: Epigenetics, Animal Models and Social Hierarchies *Paul Martin, Department of Sociological Studies, University of Sheffield; Andrew Bartlett, University of Sheffield*

Chair:

Becky K Mansfield, Ohio State University

242. The Promises and Pitfalls of Educational Technologies and Techniques

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

"Shaping the Future": Techniques of Future-telling in the Education Technology Field *hemy ramiel, Bar Ilan University*

The Politics of Technology: A View on the Connecting Equality Programme *Alejandro Artopoulos, Universidad de San Andrés; Gustavo Seijo, Universidad Nacional de General Sarmiento / CONICET*

Ulysses and the Sirens, Frankenstein, Cyborg and the Passion for Knowledge: Training in the Style and Sensibility of Science and Technology Studies *Assunta Viteritti, University of Rome*

Interdisciplinarity, Science, Technology and Teacher Education in a Historical-critical Perspective *Natalia de Lima Bueno, Tecnology University of Paraná*

Chair:

Natalia de Lima Bueno, Tecnology University of Paraná

243. The Ethnographic Effect: Imagining a Next Generation of Methodological Possibilities III

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Analyzing the Analyst: Theater as Method in the Cognitive Neuroscience Laboratory *Yelena Gluzman, UCSD*

Affordances of the Smartphone for Knowing Together *Karen Walторp, Aarhus University*

Don't Worship the Stars: Opening the Black Box of 'Algorithmic Management' *Hatim Rahman, Stanford University*

Doubting Objects as Archaeological Analytics *Ben Alberti, Framingham State University*

Chair:

Andrea Ballestero, Rice University

244. Science Research Policy and Politics

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Navigating the Gap: Maintaining and Modifying the Science-policy Gap in Energy Policy Debates in Finland *Kamilla Karhunmaa*

What Sense Should We Make of Astronomy's Sensing Devices? *Eve Seguin, UQAM*

Of Bits and Pretzels and Resourceful Bureaucracies: Imaginaries of "Conservative Innovation" in Bavaria *Laise Martina Ruge, Munich Center for Technology in Society; Sebastian Michael Pfothenhauer, Technical University Munich; Alexander Wentland, Technical University of Munich*

Energy Transitions and Environmental Justice: Planning for the Present *J Richter, ASU*

Chair:

Eve Seguin, UQAM

245. Transhumanism: Critical STS Engagements

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Transhuman Rights: Rawlsian Principles as a Framework for Discussing Transhumanist Challenges *Morten Bay, UCLA Department of Information Studies*

Uploaded Anthropologies: Moral Theory and STS in the Transhuman Debate *Levi Checketts, Graduate Theological Union*

Robert C. W. Ettinger and the (Trans) Human Condition *Grant W Shoffstall, Williams College*

Chair:

Grant W Shoffstall, Williams College

246. Indigenous Knowledges and Technologies II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Indigenous People's Limited Participation in the Brazilian National Plan of Adaptation to Climate Change *Tiago Ribeiro Duarte, University of Brasília*

Indigenous Telecommunications: Community Innovations in Mobile Connectivity and Intranets *Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA*

Shamanic Microscopy *César Enrique GIRALDO HERRERA, Institute for Science, Innovation and Society, University of Oxford*

Have We Ever Developed "Modern" Technologies? Agricultural Irrigation Technologies in Peru and their Organizational, Symbolic and Environmental Characteristics *Julio Sebastián Zárate, Grupo de Análisis para el Desarrollo*

Technological Autonomy as an Articulating Axis in the Creation and Socialization of Knowledge in Indigenous Peoples of Oaxaca and Chiapas, Mexico *Carlos Francisco Baca Feldman, Universidad Iberoamericana Puebla; Erick Huerta Velázquez, Redes por la Diversidad, Equidad y Sustentabilidad A.C.*

Chair:

Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

247. Time and Temporalities

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

The Pace of Science: An Ecological Perspective *Stasa Milojevic, Indiana University; Filippo Radicchi, Indiana University; John Walsh, Georgia Institute Of Technology*

Chronopolitics in Experimental Physics: Technologies of Timework *Tereza Virtová, Institute of Philosophy, Academy of Sciences Czech Republic; Filip Vostal, Institute of Philosophy of the Czech Academy of Sciences; Libor Benda, Centre for Science, Technology, and Society Studies, Institute of Philosophy, Czech Academy of Scien*

On the Epistemic Significance of Time in Science and Its Neglect in STS Research *Libor Benda, Centre for Science, Technology, and Society Studies, Institute of Philosophy, Czech Academy of Scien*

For a Pedagogy of Future *Emilia Araujo, Universidade do Minho*

Chair:

Emilia Araujo, universidade do minho

248. Energy Matters

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Socio-Technical Systems and Urban Energy Politics in the 21st Century *Kelly Joyce, Drexel University; Diane Sicotte, Drexel University*

Dark Matter: Renewable Energy Transitions, Black Theory and Posthuman Currents *Myles Lennon, Yale University*

The Resilience of Sociotechnical Infrastructure *Changdeok Gim, Arizona State University*

Chair:

Changdeok Gim, Arizona State University

249. STS (In)sensibilities and Health Professions Education

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Knowing, Not Knowing, and Knowing In-Between: Responding to Epistemological Rifts at an American Medical School *Julia Knopes, Case Western Reserve University*

Patient Labour and the Consequences of Excellence at the All India Institute of Medical Sciences (AIIMS) *Anna Ruddock, King's College London*

"The Fidelity to Checklist": Training the Body of the Standardized Patient in Clinical Simulation *Ivana Guarrasi, University of California, San Diego*

"You've Had That Training in Your Program": Genetic Counselors Making Sense of the Genomic Revolution *Susan Markens, Lehman College, CUNY*

Facing the 'Negro Problem' in Healthcare: A Black Political Critique of Cultural Humility *Kenneth Pass, Northwestern University; Emily Pingel, Emory University*

Chairs:

Julia Knopes, Case Western Reserve University

Kelly Underman, University of Illinois at Chicago

Alexandra Vinson

250. Philosophical Interventions into STS Questions

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Living from the Night: Dark Sky Preservation as a Question of Sensibility *Einar Engström, Science and Technology Studies, York University*

Provincializing Deep Learning *Michael Castelle, University of Chicago*

Categorias Gerais Orientadoras Do Desenvolvimento Nacional A Partir Das Obras Álvaro Vieira Pinto *José Ernesto de Fáveri, Fundação Universitária para o Desenvolvimento do Alto Vale do Itajaí; Sandro Luiz Bazzanella, Universidade do Contestado*

Chair:

Einar Engström, Science and Technology Studies, York University

251. The Sensibilities of East Asian STS: Strategies, Trajectories, and Visions II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

A Cross between the Pre-Modern and Modern in East Asian Nations: Gajeong Bogam (Household Treasure) in the Early 20th Century *Jung-Ok Ha, Seoul National University*

The Modern History of Leprosy: Emergence of a Scientific Entity in Colonial Contexts *Yiling Hung, National Chiao Tung University*

Comparing East Asia Technoscience: Note on Governing Risk of Multiple Embryo Transfer in Japan, South Korea and Taiwan *Chia-Ling Wu, National Taiwan University*

Science as Modernity in East Asia *Sean H-L LEI, Academia Sinica, Taiwan*

Chair:

Michael M.J. Fischer, M.I.T

Discussant:

Sean H-L LEI, Academia Sinica, Taiwan

252. Art, Craft, Labor: Countercultures of Computing from NASA to Facebook

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Margaret Hamilton and the Core Memory Weavers *Daniela Rosner, University of Washington*

The Bohemian Factory: Art and Labor inside Facebook *Fred Turner, Stanford University*

Open Source Seeds: Plant Breeding and Bioart vs. Corporate Tech *Allison Carruth, UCLA*

Craftwork as Scientific Rhetoric: Examples from DIY bio *Elizabeth Pitts, University of Pittsburgh*

Back to the Future: 3D Printing and Digital Fabrication Technology in Historical Context *Daniel Southwick, University of Toronto*

Chair:

Allison Carruth, UCLA

253. Getting Past Inevitablist Despair: On Guerilla and Action EthoEcologies

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

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

Loose Methods: Emergent Ethical Frameworks for Journalism in the Wake of Protests and
New Technologies *Candis Callison*, *University of British Columbia*; *Mary Lynn Young*,
University of British Columbia

“The Courage to Be Afraid”: Finding Hope in Apocalyptic Anxiety *Zachary M Loeb*, *History &
Sociology of Science*, *University of Pennsylvania*

Social, Technological, and Developmental Responses to Mongolian Dzud *Allison Hailey Hahn*,
City University of New York, Baruch College

Chair:

Candis Callison, University of British Columbia

Discussant:

Kim TallBear, University of Alberta

254. Plenary: Opportunities and Challenges for an Engaged STS

Plenary Session

5:45 to 7:15 pm

Sheraton Boston: Floor 2 - Constitution

Moderator:

Kim Fortun, University of California Irvine

Panel Members:

Ruha Benjamin, Princeton University

Hsin-Hsing Chen, Graduate Institute for Social Transformation Studies

Hugh Gusterson, George Washington University

Sheila Jasanoff, Harvard University

Tania Pérez-Bustos, National University of Colombia

Nick Shapiro, Chemical Heritage Foundation

255. 4S Banquet

Special Event

7:30 to 10:30 pm

Sheraton Boston: Floor 2 - Grand Ballroom

Saturday, September 2

256. Citizen Science I: Co-Constructing Citizen Science

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon A

Participants:

Constructing Knowledge in Citizen Science Projects: On Amateurs' Sensibilities and Practices
*Lorna Heaton, Université De Montréal; Florence Millerand, Université du Québec a
Montreal - UQAM*

Community-led Environmental Sensing: Data Collection and Its Discontent *Maria Michails,
Rensselaer Polytechnic Institute*

Performing Science: Experiments in Collective Visualization of Water Pollution *Laura Perovich,
MIT; Sara Wylie, Northeastern University*

Mycoremediation: The Making and Unmaking of a Citizen Science *Joanna Steinhardt, UC
Santa Barbara*

Chairs:

Carsten Østerlund

Gabriel Mugar, Engagement Lab at Emerson College

Discussant:

Alan Irwin, Copenhagen Business School

257. Crime, Discipline and Punishment

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon B

Participants:

Beyond Micro-Penalties: Incentives and the Completion of the Disciplinary Society Framework
Harmeet Sawhney, Indiana University

The Crime Scene Of Technology: Technical Felonies in the New York Subway Metrocard *Noah
McClain, Illinois Institute of Technology*

Electronic Monitoring, Mass Incarceration, and the American Sociotechnical Imaginary
Jennifer Lieberman, University of North Florida

Rikers Island Jails as Technoscientific Test Sites for Carceral Imaginaries *Ariel Ludwig,
Department of History, Virginia Tech*

Chair:

Ariel Ludwig, Department of History, Virginia Tech

258. What is a Health System? Postcolonial Sensibilities and Health Systems as Objects of Inquiry and Critique

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon D

Participants:

Peripheral Critiques, or Where is the System? Health Systems, Urban Relations, and Trajectories of Care *Ramah McKay, University of Pennsylvania*

Relational Infrastructures: Notes on Service Delivery from the Periphery *Alice Street, University of Edinburgh*

Interrogating Presence and Absence in South Africa's Cervical Cancer Crisis *Marissa Mika, University College London*

Haitian Researchers and the Production of Authoritative Knowledge *Pierre Minn, Université de Montréal*

Chair:

Ramah McKay, University of Pennsylvania

Discussants:

Omar Al-Dewachi, American University of Beirut

Bharat Jayram Venkat, University of Oregon

259. Contested Meatspace(s): Cultured Meat, Cellular Agriculture and the Futures of Foods

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon E

Participants:

Bioprinted In Vitro Meat: The Biomaterial Reconfigurations of Cellular Agriculture *Elisabeth Abergel, Université du Québec à Montréal*

Pre-Histories of Post-Meat: Science, Psychology, and Plant Protein, 1945-1973 *Joel Richard Dickau, University of Toronto*

Mimesis and Invention in the Cultured Meat Debates *Benjamin Aldes Wurgaft, MIT*

Chair:

Benjamin Aldes Wurgaft, MIT

Discussant:

Neil Stephens, Brunel University London

260. The Life of Organizations: Vitalism, Organism, and Mechanism

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon F

Participants:

Demons at Bell Labs *Jimena Canales*

Intangible Economies *Vincent Lepinay, Sciences Po*

Vitalist Venturing *Martin Giraudeau, London School of Economics*

Calculated Vitalism *Zsuzsanna Vargha, University of Leicester*

Chair:

Martin Giraudeau, London School of Economics

Discussant:

Lukas Rieppel

261. Detecting Autism: Medicalization and Diagnosis

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon G

Participants:

Abstraction and Forms of Knowledge in the Diagnosis of Autism Spectrum Disorder *Doug Maynard, University of Wisconsin; Jason Turowetz, University of Siegen, Germany*

Brain Scanning for Autism *Des Fitzgerald, Cardiff University*

De-Regulating Disorder: On the Rise of the 'Spectrum' as a Neoliberal Metric of Human Value *Anne McGuire, University of Toronto*

Sensing Autism: Diagnosis in Adults in Mid to Late Adulthood *Kate Jenkins*

Scientific Hegemony and the Production of Causal Knowledges of Autism *Claire Decoteau; Meghan Daniel, University of Illinois at Chicago*

Chair:

Jennifer S Singh, Georgia Institute of Technology

262. The Agenda(s) of Open Science

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon H

Participants:

"Your Spectrogram Looks Like My Genomic Sequence Data" and Other Moments from the Trading Zones of Data Science *Brittany Fiore-Gartland, eScience Institute; Anissa Tanweer, University of Washington*

What is Open Science Supposed to Fix? *Philip Mirowski, University of Notre Dame*

Broken Science? You Only Need Post-Publication Peer Review to Fix It *Didier Tornay, CSi, I3, PSL Research Universitu, CNRS UMR 9217 (France)*

Chair:

Philip Mirowski, University of Notre Dame

263. Democracy, Science, and Technology I: Rationalities

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Berkeley

Participants:

Rhetoric and Norms in Lay/Expert Dialogue *Andrew Feenberg, Simon Fraser University*

Rules and Regulations in Government-Sponsored Research Administration *Eriko Fukumoto, Arizona State University*

“Litigation is our last resort”: The Role of Legal Pluralism in Movements for Indigenous Sovereignty, Environmental Justice, and the Rights of Nature *Bindu Panikkar, The University of Vermont; Jonathan Tollefson, University of Vermont*

Valuing Algae: The Coproduction of Algal Biotechnologies and Sustainable Development *Amy Braun, Department of Geography, University of North Carolina at Chapel Hill*

Land as Material, Habitat and Knowledge: Constructions of Resource Materialities in Bristol Bay, Alaska *Bindu Panikkar, The University of Vermont; Jonathan Tollefson, University of Vermont*

Chair:

Sandra Braman, Texas A&M University

264. Smart yet (in)Sensible? Feminist Critical Perspectives on “Smart Cities” I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Clarendon

Participants:

Informating Urban Life, Engendering Spatial Technology *Kijun Yun, KAIST; Yoonjung Lee, KAIST*
Interface, Infrastructure, and Urban Data Imaginaries *Aaron Shapiro, University of Pennsylvania, Annenberg School for Communication*

Mission Convergence: The Smart City and “Muslim women” of Seelampur *Sreela Sarkar, Santa Clara University*

Racial Codes and Spatial Order in Smart-City Rio de Janeiro *Alessandro Angelini, Johns Hopkins University*

Chairs:

Nassim Jafarinaimi, Georgia Institute of Technology

Kathi R Kitner, Intel Labs

Discussant:

Beth Coleman, University Waterloo/MetaLab Harvard

265. Algorithms and their Politics

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Commonwealth

Participants:

Better environmentalism through calculation?: Transforming economics from the inside out *Laura Alex Frye-Levine, University of Wisconsin–Madison*

Politics of Microseconds: Auditing Algorithms in Financial Markets *Bo Hee Min, University Of Wisconsin-Madison*

The Computer Will See You Now: When Diagnosis Goes Digital *Ramya M. Rajagopalan*

Big Biology, Infrastructures, Algorithms, and Race: How Genomics became Imbricated in Representations of Race *Joan Fujimura, University Of Wisconsin-Madison; Ramya M. Rajagopalan*

Chair:

Ramya M. Rajagopalan

266. Technoscientific Rent I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Dalton

Participants:

Technoscience Rent: An Analytical Introduction to the Concept *Kean Birch, York University*
Value and the Distribution of Proximity: The Autorickshaw Meter and Regimes of Location
William F Stafford Jr, UC Berkeley, Dept of Anthropology

Technoscience Rents and the STS (Insensibilities) of Monopoly and Market Configurations.
ASHISH N.A GOSAIN, Centre for Studies in Science Policy, Jawaharlal Nehru University

Building the Market Society: How Markets are Justified in Everyday Life *Lawrence Busch, Michigan State University*

Chair:

Kean Birch, York University

267. Sensing the Liveliness of Things and the Fragility of Life I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Exeter

Participants:

Hacking into the Environment that Disables: Dependency Work in a Community with Shared Disability and Chronic Illness *Alexandra Endaltseva, L'École des hautes études en sciences sociales / Linköping University*

Maintaining the Menstruating Body: Feminist Interventions on Public Infrastructure *Sarah Fox, University of Washington*

Diversity Advocacy as Care and Maintenance in Open Technology Communities *Christina Dunbar-Hester, University of Southern California*

In/Sensible Accountabilities: Maintaining Compassion in Health Care *Vicky Singleton, Lancaster University*

How Does the Use of Robots Affect Care in Nursing Homes? *Ninon Lambert, Université de Montréal*

Chair:

Jérôme Denis, CSI - MINES ParisTech

268. Modernity and Science/Technoscience

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Science, Gender and the Modern Self *Chandra Mukerji*

Imagining Modern Forensics: Crime Scene Photography as Science and Art *Kelly Gates, University of California, San Diego*

The Distinct Modernity of Post-genomics *Stefan Timmermans*

Science Fiction and the Experience of Modernity *Charles Thorpe*

An Infrastructural Fish Story: Water and Reflexive Modernity in California *Andrew Lakoff, University of Southern California*

Chair:

Chandra Mukerji

269. Making Sense of Climate Policy I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Fairfax B

Participants:

The Construction of Climate Change Narratives *Naomi Oreskes, Harvard University - History of Science*

Beyond Climate Science-Policy Consensus? Lay Public Sense-Making of 2°C Future in Japanese Focus Groups *Shinichiro Asayama, Waseda University; Midori Aoyagi, National Institute for Environmental Studies; MASAHIRO SUGIYAMA; Atsushi Ishii, Tohoku University*

Actor Integrity in the Australian Climate-Energy Debate *Darrin Durant, University of Melbourne*

Linking the Global and Local: Perspectives from the Tea Grower community in North-East India *Sadaf Javed, Ms.*

Chair:

Darrin Durant, University of Melbourne

270. Expertise, Assessment and the Effectiveness of Research

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner A

Participants:

Mapping Connections: Scientific Knowledge and Social Movements in a Socioenvironmental Dispute in Brazil *Elisa Sampaio de Faria, Federal University of Minas Gerais; Alessandra Rondina Fonatensi Gomes, UFMG; Jéssica Alves, UFMG; Francisco Ângelo Coutinho, UFMG*

Dependent Autonomy: The Creative and Conditioning Embeddedness of Social Research *Claudio Ramos Zincke, Universidad Alberto Hurtado*

Evaluation as a Consultation Process: The Future Mode of Assessment of Government Funded S&T Research Organisations *JeeHyun Suh, Korea Institute of S&T Evaluation and Planning; Juho Kim, Korea Institute of S&T Evaluation and Planning*

Academic Evaluation as Signal and Symbol *kateria Guba, European University at St.Petersburg*

Chair:

katería Guba, European University at St.Petersburg

271. Beyond Identification: Biometrics and Everyday Life

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Gardner B

Participants:

Balancing Biometrics: Electronic Ankle Monitors and the Ethics of Digital Aesthetics *Lauren Kilgour, Cornell University*

The Moral Economy of Gestures *Yuliya Grinberg*

The Biometric University: Administration, Surveillance, and Identification of Students in Campus Dining Halls *Michelle Spektor, MIT*

Chair:

Ranjit Pal Singh, Cornell University

272. Responsible Research and Innovation in Academic Practice I: Institutions, Careers, Evaluation and Academic Integrity

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton A

Participants:

Irritation, Care and Responsibility: Nature and Science Discourses on Transgressions of Good Academic Practice *Ulrike Felt, University of Vienna, Department of Science and Technology Studies*

(Re-)Disciplining Academic Careers: Caring for Interdisciplinarity and Careers in a Swedish Climate Science Research Center *Ruth Müller, MCTS TU München; Wolfgang Kaltenbrunner, Munich Center for Technology in Society (MCT)*

Bridging the Evaluation Gap *Paul Wouters, Centre for Science and Technology Studies, Leiden University*

Responsible Research: Classical View of Scientists' Social Responsibility v.s. New Wave of RRI including Re-institutionalization *Yuko Fujigaki, University of Tokyo*

Chairs:

Maximilian Fochler, University Of Vienna

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

273. In the making, On the move: Global Perspectives on Technology Appropriation I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Hampton B

Participants:

Is Technology Appropriation a Central Concept in STS? *Martin Andrés Perez Comisso, SFIS - Arizona State University*

Appropriating Mobile Phones for Livestock Production and Marketing: The Case of the Maasai and Wasukuma Pastoralists in Tanzania *Luis Lourenço Soares, ISSTI, University of Edinburgh*

Maintaining the Medium: Notes from the Television Repair Shops of Andhra Pradesh *Padma Chirumamilla, University of Michigan*

Making French Metro Run in Taipei: The Imported Large Technological System and Local Infrastructural Network *Kuo-Hui Chang, National Taiwan University*

Technology Reconfiguration and Emergence of New Practices: A Case of India Against Corruption *Nikhil Agarwal, University of Edinburgh; James Stewart, University of Edinburgh; Robin Williams, The University of Edinburgh*

Chair:

Martin Andrés Perez Comisso, SFIS - Arizona State University

274. It's All in the Mind?

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Kent

Participants:

Becoming Parapsychology: How a Democratic Science of the Mind Moved to the Margins
Alicia Puglionesi, Consortium for the History of Science, Technology, and Medicine

Beyond Black and White: Infant Visual Stimulation Cards as a Form of Neuroculture in Taiwan
Jia-shin Chen, National Yang Ming University

Epistemic Injustice in Healthcare *Huiren Bai, Xi'an Jiao Tong University, China*

Rethinking Ethnography in (Post)colonial New Caledonia *Nathanaelle Soler, EHESS*

Chair:

Alicia Puglionesi, Consortium for the History of Science, Technology, and Medicine

275. Engaging Material Insensibilities and their Political Effects I: What Feminist Materialisms Can Contribute

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - Public Garden

Participants:

Bleaching Cells: Locations of Disavowal as Sites for Further Ethical Affection *Mara Dicenta-Vilker, RPI*

Contested Sonic Space: Settler Territoriality and Sonographic Visualization at Celilo Falls
Ashton Wesner, UC Berkeley

Materializing Identity: Navigating, Mapping and Modeling the Terrain of Social Interaction
Marisabel Marratt, Georgia Institute of Technology

On the In/Sensibilities of Solar Energy *Dagmar Lorenz-Meyer, Department of Gender Studies, Charles University in Prague*

Toward a Marine Microbiopolitics with Microbial Hauntings *Astrid Schrader, University of Exeter*

Chairs:

Sigrid Schmitz, HU Berlin

Patricia Treusch, Center for Interdisciplinary Women's and Gender Studies, Technical University Berlin, Germany

276. Technologies as Rubble? Destabilizing Narratives of Progress I

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - Riverway

Participants:

Does the Rubble of SuperPhenix Shelter or Cast a Shadow on Astrid's Cradle ? *Martin Denoun, GSPR/EHESS*

Experimenting With Rubble in Agro-Industrial Amazonia *David Rojas, Bucknell University*

Our Solar Debris *Jamie Cross, University of Edinburgh*

The Affective Presence of Abandoned Technologies: Clouds, Cannons and Community Struggle in Highland Ecuador *Tristan Partridge, UCSB, Anthropology*

Chair:

Javiera Barandiaran, University of California, Santa Barbara

277. Toxicity and Global STS

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 5 - The Fens

Participants:

Quicksilver's Child: Mother-to-Infant Transmission of Mercury Toxicity *Ruth Goldstein*

"Tiny Threads": Building Demolition and Toxic Remediation in Detroit *Nicholas L. Caverly, University of Michigan, Ann Arbor*

Methyl Isocyanate Gas and the Molecular Physiology of an Industrial Disaster *Deboleena Roy, Emory University*

"A War Without Violence": Humanitarian Politics and the Flint Water Crisis *Elena Sobrino, Massachusetts Institute of Technology (MIT)*

Aflatoxin and the Global Scale of Toxicity *Lucas Melvin Mueller, Massachusetts Institute of Technology (MIT)*

Chair:

Kim Fortun, University of California Irvine

Discussant:

Kim Fortun, University of California Irvine

278. Foraging/Walking Tour: "Eating Humans: Eating into Future Cosmologies"

Special Event

10:00 to 11:00 am

off-site event

Presenters:

Iain Kerr, spurse

Petia Morozov, spurse

Matthew Friday, spurse

Chair:

Rebecca Uchill, University of Massachusetts, Dartmouth

279. Coffee Break

10:30 to 11:00 am

Sheraton Boston: Foyer

280. Citizen Science II: Agencies, Participation and Control Across Communities

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Designing “Open Science Hardware”: From Community Spaces to Open Laboratories? *Luis Felipe Rosado Murillo, CNAM/IFRIS*

Scaling Up and Rolling out through the Web: The “Platformization” of Citizen Science and Scientific Citizenship *Niclas Hagen*

The Culture of Contribution in Citizen Science: Programs and Anti-programs *Dick Kasperowski, University of Gothenburg; Thomas Hillman, University of Gothenburg*

Parasite Labs: Laboratory Protocols of Do-It-Yourself Biology *Jonathan Cluck, Philadelphia University*

Two Monolithic Entities Meet and Communicate Through a Third: Human-Computer Interaction in Citizen Science *Nicolas James LaLone, Pennsylvania State University*

Chair:

Nicolas James LaLone, Pennsylvania State University

Discussant:

Gwen Ottinger, Drexel University

281. If Not Now Then When: STS and Critical Race Theory

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Constructing Insignificance? Applying Critical Race Theory to Scientific, Regulatory, and Legal Failure in Environmental Justice Communities *Lauren Richter, Northeastern University*

Fade to White: The Disappearance of Black Hunger in American Socio-Biological Science *Kelly Moore, Loyola University Chicago*

Operating and Operationalizing Race: Racial Projects in Cosmetic Surgery *Alka Menon, Northwestern University*

Trading Zones and Cultural Differences: An Anti-Racist Approach to Computer Science Education Research *Michael Lachney, Rensselaer Polytechnic Institute*

Chair:

Michael Mascarenhas, Rensselaer Polytechnic Institute

282. Can the Subaltern Research? I

Panel Session

*11:00 to 12:30 pm**Sheraton Boston: Floor 3 - Beacon D*

Participants:

The Politics of Science, Technology, and Development: A View From India towards the World
Shobita Parthasarathy, University of Michigan

A Meeting on the Amazon Biotechnology Center - a Sociotechnical Approach *Silvia Vaisburd, COPPE - UFRJ*

The Academy and Design as "Insensitizers" of Artisanal Production: Reflecting Their Tensions Based on Cases from Brazil *Paula Maria Areias de Freitas, Universidade Federal de Itajubá; Lauren Ferreira Colvara, Universidade Federal de Itajubá*

The Subaltern and Physics: Reconstructing Observers *Chanda Prescod-Weinstein, University of Washington*

Future Fire: Knowing and Making Pyrogeographic Risk *Timothy Neale, Deakin University*

Chair:

David Nemer, University Of Kentucky

283. The Politics of Deficit Construction

Panel Session

*11:00 to 12:30 pm**Sheraton Boston: Floor 3 - Beacon E*

Participants:

A Solution Looking for a Problem? Interrogating the 'Innovation Imperative' and the 'Deficit Model' of Innovation *Sebastian Michael Pfotenhauer, Technical University Munich; Joakim Juhl, DTU; Erik Aarden, University of Vienna*

New and Emerging Needs: the Case of Space Tourism *Harro van Lente, Maastricht University*

The Organ Shortage Deficit *Lindsey McKay, Brock University*

The Technology Assessment Agenda in Europe: From Institutional to Knowledge Deficit *Pierre Delvenne, Université de Liège (SPIRAL); Benedikt Roskamp*

Deficient Populations, Deficient Policies? The Politics of Knowledge Repertoires on 'Healthy Food' in Obesity Prevention Practices in the Netherlands *Else Vogel, University of Amsterdam*

Looking for a National Deficit. How the European Union Reconfigures the French National Accounts Policy Production *Quentin Dufour, Université Paris-Dauphine*

Chair:

Sebastian Michael Pfotenhauer, Technical University Munich

284. Making Sense of Political Calculations

Panel Session

*11:00 to 12:30 pm**Sheraton Boston: Floor 3 - Beacon F*

Participants:

Seeing Algorithms as Infrastructure: Making Sense of the Reddit Voting System in Narrative and Practice *Katherine Lo, University of California, Irvine; Alex S Taylor, Microsoft Research*

Accounting for Health: Scale as Techno-Sensibility in São Paulo *Jack Mullee, University of Chicago, Department of Anthropology*

Cultivating Taxpayer Subjects as Experts of Government *Kyle Willmott, Simon Fraser University*

The 'Social Rate of Discount' and the Sensibility of the Future *William P. Deringer, Massachusetts Institute of Technology (MIT)*

Pollsters Got It Wrong, Did Data Mining Get It Right? On Devices of Public Opinion *Laurie Waller; David Moats, Linköping University, Tema-T (Tema Technology and Social Change)*

Chair:

William P. Deringer, Massachusetts Institute of Technology (MIT)

285. Sensibility and Experience in Autism: Prostheses, Interaction, and Life Histories

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Growth in Context: The Emergence of a Disability Frame in Accounts of the Development of Adults with Autism *Benjamin DiCicco-Bloom, Hamilton College*

Reflections on What Moves Us *Melissa Park, McGill University*

Permeable Narratives, Permeable Selves: Mutant Roleplay and the Autism Spectrum *Elizabeth Fein, Duquesne University*

Who Let the Dogs In? The (In)Sensibilities of Autism Epistemologies in Light of Human-Canine Interaction *Olga Solomon, University of Southern California*

Chair:

Chloe Silverman, Drexel University

286. The (In)dependence of Research(ers): Good? Bad? Necessary?

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Bridges and Boundaries: An Exploration of the Roles of REF2014 Impact Assessors *Peter Thayer Robbins, Open University (UK); Gordon Wilson, Open University; Andrew Watkins, Open University; David Wiold, Open Univ*

Transformation through Competition: Independent Researchers and Dependence on Research Funding in the Biomedical Sciences *Annalisa Saloni, Independent Scholar, formerly University of Pennsylvania*

How Does the Redistribution of Research Opportunities Affect the Independence of Problem Choices? *Jochen Glaser*

The Metrics of Dependence: Research Entrepreneurs in an Epigenetics Laboratory *Clemence Pinel, King's College London; Barbara Prainsack, King's College London; Christopher McKeivitt, King's College London*

What Lay Underneath Innovation in Biotechnology: Risk and the Emergence of Translational Science and Medicine *Mark Robinson, DePaul University*

Chair:

Ed Hackett, Brandeis University

287. Democracy, Science, and Technology II: Money

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Data, Dependence, Democracy: Influence in the Secondary Use of Government Information
Duncan Friend, University of Kansas

Conflict of Interest, Transparency and Medicines *Boris Hauray, National Institute for Health and Medical Research*

The Technopolitics of a Basic Income *Daniel Breslau, Virginia Tech*

The End(s) of Science: Temporal Trajectories of Brazilian Biofuel Research *Katie Ulrich, Rice University*

Chair:

Sandra Braman, Texas A&M University

288. Smart yet (in)Sensible? Feminist Critical Perspectives on “Smart Cities” II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Traveling Models of Sensible Cities: Innovation and Social Inclusiveness in Medellín *Felix TALVARD, Center for the Sociology of Innovation - Mines ParisTech*

Civiness in the Smart City: Solutions in Search of Problems *Burcu Baykurt, Columbia University*

Lock-In, Locked Out: Visions of ‘The Public’ in Smart City Data Programs *Meg Young*

Programming in the Margins: New Actors, New Systems, and New Ways of Knowing Urban Environments in a Populist Era *Hamil Pearsall, Temple University; Alan Wiig, University of Massachusetts, Boston; Michele Masucci, Temple University*

Chair:

Beth Coleman, University Waterloo/MetaLab Harvard

Discussant:

Nassim Jafarainami, Georgia Institute of Technology

289. Invited Session: Making Sense of Data Revolutions: STS Perspectives on the Social Dimensions and Ethical Obligations of Digital Media Technologies and Data

Production

Panel Discussion

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Chair and Moderator:

Mary L. Gray, Microsoft Research/Indiana University

Panel Members:

Ifeoma Ajunwa, The Berkman Klein Center for Internet & Society at Harvard University

Amy Johnson, Amherst College

Christian Sandvig, University of Michigan

Kalpana Shankar, School of Information and Library Studies, University College Dublin

290. Technoscientific Rent II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Beyond Academic Rentiership: Why Academic Knowledge is Not Naturally a Public Good But Needs to Be Made One *Steve Fuller, University Of Warwick*

“Fencing in” Tech Startups’ Strategies for Capturing Value *Jacob Hellman*

Indigenous Peoples and Biocolonial Appropriation of Rents and Value in NGS Forensic Genetic Technology Development *Mark Munsterhjelm, University of Windsor*

Chair:

Kean Birch, York University

Discussant:

Alan Irwin, Copenhagen Business School

291. Sensing the Liveliness of Things and the Fragility of Life: Bringing Care and Maintenance Together II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Valuable Buildings, Disabled People: Tinkering with Maintenance and Care in Situations of Socio-Material Oppression *Michal Synek, Masaryk University / Charles University*

Re-Pairing Bodies, Users and Devices *Peter Fuzesi, Lancaster University*

Art under Nanotechnological Care: Bridging Conservation and Scientific Practices *Grace Kim, Massachusetts Institute of Technology (MIT)*

Configuring Repair: The Case of the MV Veteran *Donny Persaud, Memorial University Of Newfoundland*

The Germ and the Thaw: Maintenance, Performance, and Care in Seed Banking *Xan Chacko, University of California, Davis*

Chair:

Fernando Dominguez, NYU

292. Property Matters

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Copyright and Car Modding: The Conflict Over Vehicle Ownership and Vehicle Software
Copyright *Michelle C Forelle*, *University of Southern California, Annenberg School for Communication & Journalism*

Property as Technology *Veit Moritz Braun*, *LMU Munich*

Twilight Zones – Scientific and Tacit Practices at the Crime Scene *Susana Costa*, *Centre for Social Studies*

Ideology and Technology Transfer: A Case Study of Reverse Engineering of the Hongqi Limousine *Longfei Pan*, *Center for Social Studies of Science, Peking University*; *Cheng ZHOU*, *Center for Social Studies fo Science, Peking University*.

Chair:

Veit Moritz Braun, LMU Munich

293. Making Sense of Climate Policy II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Climate Policymaking at the City Level: Findings from Three Canadian Cities (Vancouver, Calgary and Toronto) *Julie Hagan*, *Université Laval*; *Louis Guay*; *Yuan Zheng Li*, *Laval University*

Climate Change Movements and the Courts: Policy-Making and the Role of Science *Sabrina McCormick*, *George Washington University*; *Robert Glicksman*, *The George Washington University Law School*; *Leroy Paddock*, *The George Washington University Law School*; *Samuel J. Simmens*, *The George Washington University*; *Daniel Kim*, *The George Washington University*; *William Davies*, *The George Washington University Law School*; *Brittany Whited*, *The George Washington University*

Climate Change Litigation: Scientists under Scrutiny *Daniel Kim*, *The George Washington University*; *Sabrina McCormick*, *George Washington University*; *Robert Glicksman*, *The George Washington University Law School*; *Leroy Paddock*, *The George Washington University Law School*; *Samuel J. Simmens*, *The George Washington University*; *William Davies*, *The George Washington University Law School*; *Brittany Whited*, *The George Washington University*

Chair:

Darrin Durant, University of Melbourne

294. Collaborative and Participatory Science

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Assembling Narratives: Tensions in Collaborative Construction of Epistemic Narratives *Emad Khazraee, Kent State University*

Authorship and career in a High Energy Physics experiment *Emiko Adachi, RIKEN*

Disciplinary Capture, Path Dependence, and Resource Management *Evelyn Brister, Rochester Institute Of Technology*

Chair:

Evelyn Brister, Rochester Institute Of Technology

295. Beyond Identification: Biometrics and the State

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Biometric Registration of Refugees in Greek Borders in Times of "Crisis" *Vasilis Vlassis, IT University of Copenhagen*

Imagining a State and Society Transformed: Fingerprinting and Governance in Early Twentieth-Century China *Daniel Asen, Rutgers University - Newark*

Political Economy of Digital Biometric IDs: A Case of Aadhaar in India *Bidisha Chaudhuri, International Institute of Information Technology Bangalore*

Writing, Signing, Scanning: Redistributive Justice and the Politics of Visibility in the Era of E-Governance *Ursula Rao, University of Leipzig*

Chair:

Michelle Spektor, MIT

Discussant:

Ranjit Pal Singh, Cornell University

296. Responsible Research and Innovation in Academic Practice II: Anticipation, Care and Responsiveness

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Caring for the Group – and Beyond? Enhancing Responsibility through Funding Structures *Maja Horst, University of Copenhagen*

Imaginariness of Responsibility and their Performances *Gisle Solbu, Norwegian University of Science and Technology; Heidrun Åm*

Conflicts, Contingency, and Funding Strategies in Research on 'Grand Challenges' *Wolfgang Kaltenbrunner, Munich Center for Technology in Society (MCT)*

Anticipation between Serendipity and Audit: Predicaments of Responsible Practice in the ILfe Sciences *Ulrike Felt, University of Vienna, Department of Science and Technology Studies; Maximilian Fochler, University Of Vienna; Lisa Sigl, Research Platform Responsible Research and Innovation in Academic Practice, University of Vienna*

Chair:

Alex Rushforth, CWTS, Leiden University

297. In the Making, On the Move: Global Perspectives on Technology Appropriation II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

The International Politics of Dramatically Dangerous Technologies *Ole Waever, University of Copenhagen*

Un caso de transición socio-técnica: la instalación de un régimen de saneamiento en Santiago de Chile, a inicios del siglo XX *Miguel Muñoz, Instituto de Estudios Avanzados - Usach*

The Care of the World: Maintenance Practices in the Pan-African e-Network *Vincent Duclos, Drexel University Center for Science, Technology & Society*

Exporting Engineering for Justice *Marie Stettler Kleine, Virginia Tech*

Chair:

Martin Andrés Perez Comisso, SFIS - Arizona State University

298. Narratives of Science and Scientists: Heroes, Monsters and Victims

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Frankenstein 200: A Transmedia Approach to Engaging the Public in Dialogue and Activities Related to Responsible Innovation *Rae Ostman, Arizona State University*

A Sustainable Catastrophes Market Forecast *Michael Bennett, Arizona State University*

What Can Scientists Learn from Victor Frankenstein? *Peter Nagy, Arizona State University; Ruth Wylie, Arizona State University; Ed Finn, Arizona State University; Joey Eschrich, Arizona State University*

Chair:

Ruth Wylie, Arizona State University

Discussants:

Michael Bennett, Arizona State University

Ruth Wylie, Arizona State University

299. (Non)Sense-making in/of Neural Sciences and Technologies

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Naturalizing Responsibility by Neuroscience: A Coproductionist Analysis *Kevin Chien-Chang Wu, National Taiwan University College of Medicine*

Research Infrastructure and Psychiatric Thought: (Re)Negotiating the Place of Diagnosis in Psychiatry *Martyn Pickersgill, University of Edinburgh*

Revolting Data: A Feminist Technoscience Approach to Making Contemporary Neuro Memento Mori *Jane Prophet, Goldsmiths College, University of London*

Stop Making Sense: Pseudo-Meaning in Cognitive Neuroscience Experiments *Sarah Klein, University of California, San Diego*

Chair:

Kevin Chien-Chang Wu, National Taiwan University College of Medicine

300. Engaging Material Insensibilities and their Political Effects II: What Feminist Materialisms Can Contribute

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

A Pluralistic Perspective on In/sensibilities and Politics of Neurohumanities *Sigrid Schmitz, HU Berlin*

Engaging the Maternal Microbiome as Material and Materializing *R Howes-Mischel, James Madison University*

Institutionalizing Binary Sex: A Feminist Analysis of Two Controversies in the Science of Sex Difference *Madeleine Pape, University of Wisconsin-Madison*

Sense-abilities of Cognition: A Feminist Materialist Framework for AI *Patricia Treusch, Center for Interdisciplinary Women's and Gender Studies, Technical University Berlin, Germany*

Chair:

Dagmar Lorenz-Meyer, Department of Gender Studies, Charles University in Prague

301. Technologies as Rubble? Destabilizing Narratives of Progress II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Society's Versions in Technical Objects: Genealogy of Sociotechnical Imaginaries in the Chile's Interconnected Electrical System *Monica Humeres Riquelme*

Making Sense of Regional Blocks in Internet Access and Use *Anne Elizabeth Jonas, UC Berkeley School of Information*

Desire for the Worst: An Ethnography of Nuclear Attachment in Carlsbad, New Mexico *Basak Saraç-Lesavre, Virginia Tech*

Chair:

Tristan Partridge, UCSB, Anthropology

Discussant:

Javiera Barandiaran, University of California, Santa Barbara

302. Metrics: Creating by Measuring

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

Technology, Expertise, and the Determination of Sexuality in Two Areas of Law *Stefan Vogler, Northwestern University*

A Survey Instrument for Measuring Trust in Scientists *Dilshani Sarathchandra, University of Idaho*

Developing Food-Energy-Water Nexus Indicators as a Complex Data Assemblage: A case study of Metro Denver *Sonya Ahamed, University of Vermont; Joshua Sperling, National Renewable Energy Laboratory; Jennie Stephens, University of Vermont*

Evaluating Entrepreneurial Universities: Recognising the Paradox *Seppo Poutanen, University of Turku, Turku School of Economics; Anne Kovalainen, University of Turku, Turku School of Economics; Matti W Karinen, Research assistant*

Making Sense of Health Care Quality: A Methodological Paradigm Shift *Sarah L Goff, UMASS-Amherst*

Chair:

Sarah L Goff, UMASS-Amherst

303. SSS Editorial Board Meeting

Business Meeting

12:30 to 2:00 pm

Sheraton Boston: Olmstead

304. Math, Law, and Civil Rights: Interdisciplinary Interventions in Gerrymandering

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon A

Presenter:

Moon Duchin, University Of California At Davis

305. Doing Science through Feminist Speculative Fiction Writing

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon D

Presenters:

Xan Chacko, University of California, Davis

Sara Giordano, San Diego State University

Rana Jaleel, University of California-Davis

Sarah Reboloso McCullough, University of California San Diego

Jasmine Wade, UC Davis

306. Ingesting the Informational Imaginary

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon E

Presenters:

Krithika Ramchander, MIT

Elizabeth Hoover, Brown University

Iain Kerr, spurse

Petia Morozov, spurse

Matthew Friday, spurse

Chairs:

Christy Spackman, Harvey Mudd College

Rebecca Uchill, University of Massachusetts, Dartmouth

307. Ethnographers' Lunch

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon F

Convenor:

Nick Seaver, Tufts University

308. Decolonizing STS Meet-up

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon G

309. Ethnografilm Dalies III

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

310. Tensions and Challenges for Environmental Citizen Science I: Scientization of Activism

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Strongly Participatory Science and Collaborative Analysis: Circumventing the “Scientization” Problem *Barbara Allen, Virginia Tech's National Capital Region Campus*

Citizen Science and Food Justice *Abby Kinchy, Rensselaer Polytechnic Institute; Daniel Seel, Rensselaer Polytechnic Institute*

Citizen Sensing: From Technology to Activism *Ehsan Sabaghian, School of Information Studies, Syracuse University; Sikana Tanupabrungsun, School of Information Studies, Syracuse University; Murali Venkatesh, School Of Information Studies, Syracuse University; Manali*

Paresh Shiurkar, School of Information Studies, Syracuse University; Harsh Manoj Avlani, School of Information Studies, Syracuse University

Contesting Risk, Environmental Justice, and Knowledge on Radford Arsenal's Fenceline
Gregory D Nelson, Northern Arizona University

Chair:

Abby Kinchy, Rensselaer Polytechnic Institute

Discussant:

Aya Hirata Kimura, University of Hawaii

311. Captivating Technology: Race, Technoscience, and the Carceral Imagination

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

This Is Not "Minority Report" *Joshua Scannell, CUNY Graduate Center*

Deception by Design: Carceral Lures and Interventions into Child Sexual Exploitation *Mitali Thakor*

Shadows of War, Traces of Risk: Preemptive Policing and the Production of Carceral Space in Atlanta, GA *Andrea Miller, UC Davis*

Anti-Racist Technoscience: A Generative Tradition *Ron Eglash, Rpi*

Chair:

Ruha Benjamin, Princeton University

Discussant:

Ruha Benjamin, Princeton University

312. Can the Subaltern Research? II

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Research Excellence in Africa: Policies, Perceptions and Performance *Erika Kraemer-Mbula; Robert J W Dr Tijssen, Cwts Univ Of Leiden*

"Almost White, Almost Black" in Brazilian Academic Research *Márcia Regina Barros da Silva, Universidade de São Paulo - USP*

Can the Subaltern Propose a New Subject? The Ibero-American Networks on Psy and STS Studies *Arthur Arruda Leal Ferreira, Federal University of Rio de Janeiro (UFRJ); Jimena Carrasco*

The Mapping of Grief in Peixinhos: Combining Story Telling and Geo-Processing Techniques to Confront Official Maps of Violence *Catarina Morawska Vianna, Federal University of São Carlos (UFSCar)*

Chair:

Anita Chan, U. of Illinois, Urbana-Champaign, ICR

313. Making Nothing: Institutional Practices of Producing Absence I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Disappearing Disaster Debris in the North Pacific *Kim De Wolff, University of California, Merced*

Cultural Productions of Absence: American Football and Concussion Non-Disclosure *Jennifer Croissant, University Of Arizona*

Unmaking Gustatory Erasure in Bottled Water Production *Christy Spackman, Harvey Mudd College*

Discussant:

Etienne Benson, University of Pennsylvania

314. The Valency of Misplaced Concreteness

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Architecture and the Algorithm, or: What Happens When Abstract Art Meets Concrete Poetry? *Matthew Allen, Harvard University*

Global Translation, Oriental Spaces: The Work of Abstracting Eastern Aesthetics in 20th-Century American Mathematics *Clare Kim*

Plexes and Patches: Ambivalent Artifacts of Computer-Aided Design *Daniel Cardoso Llach, Carnegie Mellon University*

Midcentury Mathematics and Aesthetic Autonomy *Alma Steingart, Harvard University*

Graphs as Designs: The Concreteness of Mathematical Abstraction in 1960s Design Theory *Theodora Vardouli*

Chair:

Theodora Vardouli

315. Sensitizing Autism Care: Access, Inequality and Context

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Alternative Ways of Knowing: Black Caregivers of Children with Autism *Jennifer S Singh, Georgia Institute of Technology*

Cultural Self-Critiques and the Making of ASD Sensibility in China *Emily Xi Lin, MIT - Anthropology*

The "Western Disease": Epistemic Contestations over Autism in the Somali Diaspora *Claire Decoteau*

Chair:

Jennifer S Singh, Georgia Institute of Technology

Discussant:

Chloe Silverman, Drexel University

316. Black Boxes at Work: Approaches to Studying Corporate Software in the Wild

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

The Archives of Automated Hiring *Daniel M. Greene, Microsoft Research; Ifeoma Ajunwa, The Berkman Klein Center for Internet & Society at Harvard University*

Studying Stickiness: WeChat's Platform Economy *Yujie Chen, Chinese University of Hong Kong*

Fantasies of Finance: Researching Inequality Through Technological Institutions *Tressie McMillan Cottom, Virginia Commonwealth University*

Against Access *Nick Seaver, Tufts University*

Chair:

Daniel M. Greene, Microsoft Research

Discussant:

Laura Forlano

317. Democracy, Science, and Technology III: Citizenship

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Contestations over Spaces of (Un)Democratic (In)Transparency in Danish Wind Power Deployment *Julia Kirch Kirkegaard, Technical University of Denmark; David Philipp Rudolph, Technical University of Denmark; Tom Cronin, Technical University of Denmark*

The Government, Experts, Media and Public in the Safety Assessment of Agricultural GM Organism: A Case Study in China *Zhicong Shang, University of Chinese Academy of Sciences*

Priority Setting in Food and Health Research Domain: Legitimacy Criteria and Processes *Lada Timotijevic, University of Surrey; Shumaisa Kahn, University of Brighton*

Chair:

Sandra Braman, Texas A&M University

Discussant:

Christoph B Graber, University of Zurich

318. Practicing Urban Planning

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Data Margins: Situating Planning Support Technology between Ethnographic and Statistical Methods in Brazilian Informal Settlements *Kristine Stiphany, The University of Texas at Austin; Letícia Palazzi Perez, Universidade Federal do ABC*

Studying Participatory Planning Tools beyond their Design Expectation *Shahnoor Hasan, UNESCO-IHE Institute for Water Education; Jaap Evers, UNESCO-IHE Institute for Water Education; Margreet Zwartveen, UNESCO-IHE Institute for Water Education*

Smart Cities: The Intersection of Citizenship *Alyssa Rumsey, Georgia Institute Of Technology*

Situating Smartness: Towards a Productive Critique of Urban Science *Anthony Levenda, Arizona State University*

Chair:

Anthony Levenda, Arizona State University

319. Art, Artifacts and the Truth Machine: Mike Lynch, Past and Future

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Commonwealth

Participants:

Gary Downey, Virginia Tech

Joan Fujimura, University Of Wisconsin-Madison

Alan Irwin, Copenhagen Business School

Martina Merz, Alpen-Adria-Universität Klagenfurt, Austria

Chair:

Kim Fortun, University of California Irvine

Discussant:

Michael Lynch, Cornell University

320. Performing Economy

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Infrastructuring to Envision Alternative Economies *Maryam Heidaripour, Illinois Institute of Technology*

The Institutional Logics of Non-Institutional Economies: Value Identities in the Bitcoin Experience. *Alexander Kinney, University of Arizona*

On the Claims for Prosperity in the Age of Brexit and Trump *Raphael Sassower, University of Colorado, Colorado Springs*

Ethical Reflections on the Equity of the Current Basic Health Insurance System Reform in China: A Case Study in Hunan Province *Junxiang Liu, Center for Bioethics, School of Humanities, Peking Union Medical College, Beijing, China*

Chair:

Maryam Heidaripour, Illinois Institute of Technology

321. Sensing Subjectivities: Biosensing and Human/Machine Entanglements

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

Mood Tracking and the Emotional Politics of Interfaces *Charles Luke Alan Stark, Department of Sociology, Dartmouth College*Narratives and (Consumer) Brainscanning *Nick Merrill, BioSENSE, UC Berkeley School of Information*Emotional Interpretation & Materiality of Biosensory Data: Design Studies & Reflections *Noura Howell, School of Information, UC Berkeley*Exploring Biosensing Privacy Futures with Design Fiction and Science Fiction *Richmond Y Wong, University of California, Berkeley*Virtual Sensing: Perceptual Illusions in the Age of Virtual Reality *Lisa Messeri, Yale University; Lauren Welch, University of Virginia*

Chair:

Dawn Nafus, Intel

Discussant:

Alex S Taylor, Microsoft Research**322. A Sense of Balance: Techniques and Technologies of Self-regulation**

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Sensing Oneself Balanced: Training, Improvisation, Politics *Joseph Dumit, UC Davis*On Balance *Rachel Prentice, Cornell University*Witnessing Whiteness: A Vertigo Story *Kelli Moore, NYU - MCC*Sensibility, Body, and Attunement *Hélène Mialet, York University STS*Sensor Technology as a Thermostat of the Self *Natasha Schull, NYU - MCC*

Chairs:

Natasha Schull, NYU - MCC**Hélène Mialet**, York University STS**323. Frontiers of Climate Change and Extinction: Rendering Worlds Familiar and Strange**

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Extinction Tourism: Climate Change, Artic Human Zoos and the Politics of Spectatorship *Annette Bickford, York University*

Genetics as a New Frontier for Environmental Climate Change Responses *Valerie Berseth, Department of Sociology, University of British Columbia; Tim Hawkins, Department of Forest Resources Management, University of British Columbia; Jordan Tesluk, Department of Sociology, University of British Columbia; Ralph Matthews, Department of Sociology, University of British Columbia*

Media and Transnational Climate Justice: Indigenous Activism and Climate Politics *Matthew Tegelberg, York University*

How Controversies Start a New Life: GMO and Non-GMO soybean Sustainable Certification *Julia Silvia Guivant, Federal University of Santa Catarina*

Chair:

Annette Bickford, York University

324. Institutional Theory and Large Technical Systems

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Governance Institutions and Large Technical Systems *Hans Klein, Georgia Tech, School of Public Policy*

Artifact as Product: Google and Google Car at the Intersection of Social and Material Networks *John Paul Lunsford, Cornell University, Department of Communication*

Social and Data Design Aspects of the Inter-Institutional Justice and Peace Information System in Colombia *Javier Jimenez Becerra; Jorge Rojas Alvarez*

A Political and Technological Anatomy of a Mobile Phone Crack *Niels Jorgensen*

Institutions and Infrastructures: Audience Manufacture and the Making of a Market *Lee McGuigan, University of Pennsylvania*

Chair:

Hans Klein, Georgia Tech, School of Public Policy

325. Biolegalities in Globalization: Investigating Ethical In/Sensibilities

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Towards a Legal Taxonomy of Hybrid Life *Marc De Leeuw, The University of New South Wales*

Gene Editing Technologies and Emerging Issues with the Biosafety Law in Japan *Tomiko Yamaguchi, International Christian University*

Expanding Ethical Sensibilities in Agricultural Biotechnology: Regulating Socio-Economic Considerations in Kenya and South Africa *Koen Beumer*

The Regulations and Ethical Narratives about Stem Cell Research *HungYin Tsai, Virginia Tech*

Chairs:

Sonja Van Wichelen, University of Sydney

Marc De Leeuw, The University of New South Wales

326. Internationalizing Science and Technology I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

A Critical View on Fostering "Science": Between Borders and Obstacles *Stefan Klein, Universidade de Brasilia (UnB)*

At the Periphery: International Collaboration Challenges of Return Migrants in India *Meghna Sabharwal; Roli Varma, University Of New Mexico*

Design and Making of Competitiveness in West Africa: Following World Bank "Experts" and "Technical Assistances" *Felix BOILEVE, CSI MinesParisTech*

The Internationalization of National Energy Research Groups: Network Formation and Political-Scientific Strategy *Victor Luiz Alves Mourao, Federal University of Viçosa (UFV-Brazil); Daniela Alves, Universidade Federal de Viçosa; Daniel Aparecido Cabral, Federal University of Viçosa (UFV-Brazil)*

How to Build a Modern Scientific Research Institute in China: A Case Study of National Institute of Biological Sciences, Beijing (NIBS) *LI ZHANG, National Academy of Innovation Strategy; HUI LUO, National Academy of Innovation Strategy, CAST; RUI CHEN, National Academy of Innovation Strategy, CAST*

Chair:

Leandro Rodriguez Medina, Universidad de las Americas Puebla

327. Television as a Contested Site of the Creation of Knowledge and Social Imaginaries

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

Illusions of Actuality: Exploring Fictional Elements of Factual Television Programs *Ingrid Ockert, Princeton University*

Shark Week, Sitcoms, and Soap Commercials: How Unexamined Daily Encounters Shape Our Views of Science *Megan Halpern, Michigan State University; Eleanor Louson*

Television Autopsy: Dead Dinosaurs, Live Scientists and Social Imaginaries in a National Geographic Special *Elana Shever, Colgate University*

Trickster Epistemologies and Worldviews in David Lynch's Twin Peaks *Aadita Chaudhury*

Framing Health and Illness: The Case of the Television Magazines *Pascale MANSIER, LCP-IRISSO*

Chairs:

Aadita Chaudhury

Ingrid Ockert, Princeton University

328. The Ends of the Nervous System

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Connectivity Itself, Or, How to Distribute Your Nervous System *Matthew Wolf-Meyer, Binghamton University*

The Case for Animal Electricity: Brains, Machines, and Electrical Ontologies *Caitlin Shure, Columbia University*

What Colour is the Brain? *Johanna Pokorny, University of Toronto*

The Nervous System, Senses, and Signals in Human and Non-human Environments *Stephanie Lloyd, Université Laval*

Chair:

Matthew Wolf-Meyer, Binghamton University

Discussant:

Victoria Pitts-Taylor, Wesleyan University

329. Affect and Emotion across Sites of Technoscience I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

Emotion, Mood, and Routine Time in Laboratory Life *Donald Alfred Everhart, UCSD*

Feeling for the Future: Emotional Extraction and the Technoscience of Predictability *Jan M Padios, University of Maryland, College Park*

Affective Engagement as a Skill: Craftsmanship in Stem Cell Science *Mianna Meskus, University of Helsinki, Department of Social Research*

Balancing Normative Expertise with Affective Engagements in the Field of Organoids' Biobanking: The Case of Italy's Epigenomics Flagship Project (EPIGEN) *Luca Marelli; Giuseppe Testa, European School of Molecular Medicine*

Chair:

Venla Oikkonen, University of Helsinki

330. Questioning Intervention with and within Science and Technology Studies

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Critique as Intervention: Questioning the Research/Impact Divide *Stefan Schäfer, Institute for Advanced Sustainability Studies; Robert David Jonathan Smith, University of Nottingham; Michael Bernstein, Arizona State University; Stevienna de Saille, University of Sheffield; Sean Low, Institute for Advanced Sustainability Studies (IASS)*

Intervention Inversions: A Framework to Understand Existing Practices *Michael Bernstein, Arizona State University; Robert David Jonathan Smith, University of Nottingham; Stefan Schäfer, Institute for Advanced Sustainability Studies; Shannon Spruit, Delft University of Technology; Eleanor Hadley Kershaw, Institute for Science & Society, University of*

Nottingham; Sarah Hartley, University Of British Columbia; Rider W Foley, University of Virginia; Richard Rushforth, Northern Arizona University; Philip Boucher, University of Manchester; Andrew Chilvers, University College London; Lalitha Sundaram, University of Cambridge

Delivering Impact, Steering Science? Intervening in Strategic Research Policy *Robert David Jonathan Smith, University of Nottingham; Sarah Hartley, University Of British Columbia*
Science Policy and Zombie Sensibility: Introducing Scientists and Engineers to Science Outside the Lab *Michael Bernstein, Arizona State University*

Who is Intervening in Synthetic Biology? *Lalitha Sundaram, University of Cambridge*

Chair:

Michael Bernstein, Arizona State University

331. Island Imaginaries: From Repositories to Experimental Labs

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

Can an Island Nation Be a Global Test-Bed? The Politics of Experimentation in Singapore.
Madeleine Akrich, CSI-Ecole Des Mines De Paris; Jerome Denis, Telecom ParisTech; Liliana Doganova, Centre de Sociologie de l'Innovation (CSI) - MINES-ParisTech; Brice Laurent, Ecole Des Mines De Paris; David Pontille, Cnrs

Earth as Island *Claire Webb, MIT - Anthropology*

From Red Island to Green Island: Cultural and Political Implications of HVDC Cables in Korea
Seung Hee Cho, Korea Advanced Institute of Science and Technology (KAIST)

The Hawaiian Islands: Of Island Biogeography, Sustainable Future Imaginaries, and (Other) Lived Sensibilities *Mascha Gugganig, Technical University Munich*

Chair:

Mascha Gugganig, Technical University Munich

Discussant:

Rebecca Lemov, History of Science Harvard

332. Coffee Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

333. Tensions and Challenges for Environmental Citizen Science II: Expertise and the State

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon A

Participants:

Tracking Changes to US Federal Data in a "Post-Truth" World *Rebecca Lave, Indiana University Department Of Geography*

Gendered Scientization and Citizen Science *Aya Hirata Kimura, University of Hawaii*

Using Indexical Design and Counter-Mapping to Collaboratively Ground the Hazards of Oil and Gas Extraction *Lourdes Annette Vera, Northeastern University; Sara Wylie, Northeastern University; Drew Michanowicz, Harvard School of Public Health*

Chair:

Aya Hirata Kimura, University of Hawaii

Discussant:

Abby Kinchy, Rensselaer Polytechnic Institute

334. Racial Mattering and Scientific (In)Sensibilities

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Apex Motherhood as Counter-Science in a Colonial Home: Orangutan Rehabilitation in Sarawak *Juno Salazar Parrenas, The Ohio State University*

Sense of Things: Zoonosis, Xenotransplantation, and the Mattering of Race in Nalo Hopkinson's 'Brown Girl in the Ring' *Zakiyyah Iman Jackson, George Mason University*

HIV is Racist *Adam M Geary, University of Arizona*

Medusa, Colonial Racism, and Coral Bleaching *Eva Hayward, University of Arizona*

Analyzing "Race" as a Scientific Object: circulating "race" through time (1927-1970) and space (Berlin-Pune) *Thiago Pinto Barbosa, Leibniz-Zentrum Moderner Orient*

Chairs:

Eva Hayward, University of Arizona

Adam M Geary, University of Arizona

335. Can the Subaltern Research? III

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon D

Participants:

Whose Knowledge of Nature Counts in Courts of Law in Chile and Colombia? *Javiera Barandiaran, University of California, Santa Barbara*

Subaltern Research on Emission Standards to Abate Arsenic Pollution *Cecilia Ibarra, Universidad de Chile*

"The Revolution Will Come from the Slum": Subaltern Views for Social Changes *Narrira Souza, Universidade Federal de Goiás*

Chairs:

David Nemer, University Of Kentucky

Lars Bo Andersen, Aarhus University

336. Making Nothing: Institutional Practices of Producing Absence II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon E

Participants:

Unbreathable: The Absence of Air in Asthma Treatment *Ali Kenner, Drexel University*

From Shale Gas Revolution to Nothing at all: The Case from Poland *Agata Stasik, Kozminski University; Aleksandra Lis, Central European University in Budapest*

'Nothing to See Here' – An Ethnography of Absence at the European Spallation Source *Ivanche Dimitrievski, Linköping University, Tema-T (Tema Technology and Social Change)*

Trading in the Mystery of Commodities *Susanne Freidberg, Dartmouth College*

Chair:

Christy Spackman, Harvey Mudd College

Discussant:

Jennifer Croissant, University Of Arizona

337. Sense and Nonsense in Modern Mathematics

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Opening Work: Opening Up the Black Box of Mathematical Reasoning *Christian Greiffenhagen, The Chinese University of Hong Kong*

The Practice of Postulates in American Mathematics, 1900-1930 *Ellen Abrams, Cornell University*

NP-Promises: Consensus, Conjecture, and the P vs. NP Problem Since 1960 *Tasha Schoenstein, Harvard University*

Abstracts, Abstraction, and the Senses of Modern Intercontinental Mathematics *Michael Barany, Dartmouth College*

Chair:

Michael Barany, Dartmouth College

Discussant:

Michael Lynch, Cornell Univ.

338. Science and Technology Perspectives on Complementary and Alternative Medicine

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Researching the Auscultation of Traditional Chinese Medicine from the Perspective of Local Knowledge *QIUSHI XU, Tsinghua University*

Translation and Negotiation of Complementary Medicine in the European Union *Jenny-Ann Brodin Danell, Umeå University, Department of Sociology*

What's in a Name? A Boundary Work Analysis of the Controversy over University Homeopathy Education *Elizabeth Caldwell, University of Huddersfield*

Chair:

Jenny-Ann Brodin Danell, Umeå University, Department of Sociology

339. Algorithms in/of Culture: Exploring the Global Reach of Algorithms

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon H

Participants:

Seeing Like an Algorithm: Machine Learning and the New Division of Apperceptive Labor

Thomas Gilbert

Understanding Perception of Algorithmic Decisions: The Case of Algorithmic Management

*Min Kyung Lee, Carnegie Mellon University*Constitutions of the Human in the Digital Age, Then and Now *Margarita Boenig-Liptsin,**Harvard STS*Fetishization Revisited: Faith and Notions of Efficacy in the Making of Algorithms *Dawn Nafus,**Intel; Suzanne L. Thomas, Intel Labs; Jamie Sherman, Intel Labs*

Chair:

Morgan G. Ames, CSTMS, UC Berkeley

Discussant:

Suzanne L. Thomas, Intel Labs**340. Making Sense of Computing: Methods, Uses, and Histories**

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Berkeley

Participants:

Law: Intellectual Property and Software in the United States *Gerardo Con Diaz, University of**California, Davis (UCD)*Identity: Transgender Users and the Hacking of the British Welfare State *Marie Hicks,**University of Wisconsin-Madison*Gender: Challenging and Reinforcing Gender Roles in an Early Social Network *Joy Marie Lisi**Rankin, Michigan State University*

Disability: Making "Sense" of Computing through Sensory Processing Disorder and Autism

*Meryl Alper, Northeastern University*Play: On Manual Bots and Being Human on Twitter *Amy Johnson*

Chair:

Kevin Driscoll, University of Virginia

Discussant:

Kevin Driscoll, University of Virginia**341. Architectural Design and Practice**

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Clarendon

Participants:

Maintaining Political Care: Drawing and Architectural Pedagogy in Buenos Aires *Nicholas D'Avella, New York University*

Building Now and Then: An Existing Structure Prompts an Imagined Place *Arlene Oak, University of Alberta*

Mass Production Hits Home: the Production/Consumption Junction of the Modern House *Steven Sacco, Loyola University Chicago*

Chair:

Steven Sacco, Loyola University Chicago

342. The Politics of Economics and the Economics of Politics

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

Economists against "Limits" *Kevin Baker, Northwestern University*

The Generation of the GDR: Economists at the Humboldt University of Berlin Caught Between Loyalty and Relevance *Till D uppe, University of Qu bec*

Metastatic Communism: Soviet Models of the Political Economy of the Post-Stalinist Soviet Union *Adam Leeds, Harvard University*

Resilience Governmentality: Toward a Genealogy of Systemic Risk Regulation *Onur Ozgode, Duke University*

Chair:

Daniel Hirschman, Brown University

Discussant:

Daniel Breslau, Virginia Tech

343. Technologies of Self

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Exeter

Participants:

One, Many, and Millions: Is Citizen Science beyond the Reproducibility Crisis? *Joseph M Reagle, Northeastern University*

(In)Sensible Data: A Case Study of a Quantified-self Application for Employee Empowerment *Janine Slaker, Michigan State University*

The Qualified Self in Quantified Times: Implications of Translating Embodied Wellness Practices into Technological Experiences *Rebecca Jablonsky, Rensselaer Polytechnic Institute*

Am I Pregnant? Technology, Self-management, and Power *Joan H. Robinson*

Chair:

Joan H. Robinson

344. Makers and Making

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax A

Participants:

Printing "Opiate" for the Masses: A Marxist Approach to 3D Printing *Tiffany Cheng, Barnard College, Columbia University*

Diffusing Making: The Performative Agency of the Fablab Hype in France *Evelyne Lhoste, French institute for agricultural research (inra); Marc BARBIER, Inra*

Erasing "the hype" of 3D Bioprinting *Carlos Adrian Cuevas, TU München*

Representation in the Making: Constitutive Rhetoric and the Incongruent Discourses of the Maker Movement *Richard Besel, California Polytechnic State University*

Chair:

Richard Besel, California Polytechnic State University

345. Interdisciplinarity and Universities

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Fairfax B

Participants:

Promoting Interdisciplinarity in German Universities *Liudvika Leisyte, TU Dortmund, Center for Higher Education (zhb)*

University Commitment to Interdisciplinary Research *Erin Leahey, University Of Arizona*

Measuring Interdisciplinarity Resulting from International Scientific Collaboration *Alejandro Arnulfo Ruiz León, Universidad Nacional Autónoma de México - IIMAS; Nina Jung, Universidad Nacional Autónoma de México*

From Seed to School: The Development of Interdisciplinary Networks from IGERT Grants *Michael Burnam-Fink, Arizona State University*

Transformative Institutions: Interdisciplinary Imaginaries in Science, Engineering, Art, and Design *Kari Zacharias, Virginia Tech*

Chairs:

Liudvika Leisyte, TU Dortmund, Center for Higher Education (zhb)

Erin Leahey, University Of Arizona

346. Border Quants: Biopolitics of Self-Quantification at the Border

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner B

Participants:

Indigenous Women's Subjective Experiences Using Health-Based Activity Monitors Toward Personal Wellbeing *Marisa Elena Duarte, Arizona State University*

Embodying Data: Duoethnography as a Feminist Methodology for Studying Wearables *Marika Cifor, University of California, Los Angeles; Patricia Garcia, School of Information, University of Michigan*

Not My Data: Troubling Notions of Embodied Agency in Consumer Wearables *Jessica Jean Rajko, Arizona State University*

Testing the Limits of the Quantified Self at the Qual-Quant Borderland: What Can Data Quantification Tell Us About Lived Experience? *Heather M Ross, Arizona State University*

Chair:

Jamie Winterton, Arizona State University

347. Internationalizing Science and Technology II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Does Knowledge Circulation Means Translation – Case of iGEM and Synthetic Biology
Mahendra Shahare, Indian Institute of Technology Delhi,

International Division of Scientific Labor – An Outlook on Brazilian Human Genetics *Mariana Toledo Ferreira, Universidade de São Paulo / IFG*

Mapping Scientific Collaboration between the US and Muslim Countries *Thed van Leeuwen, Leiden University; Alex Rushforth, CWTS, Leiden University; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS); Paul Wouters, Centre for Science and Technology Studies, Leiden University*

Asymmetrical Cooperation: De-Politicizing International Networks in Current Social Sciences?
Leandro Rodriguez Medina, Universidad de las Americas Puebla

Social Sciences as International Science and Technology Resources *Amanda Almeida Domingues, Georgia Institute Of Technology*

Chair:

Leandro Rodriguez Medina, Universidad de las Americas Puebla

348. The Call of Communism, or How to Handle Frail Political Capacities with Care?

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

“Some Commons or I will Suffocate!” or How to Escape Mechanical Assemblages in Cow Genomics? *François Thoreau, Spiral, University of Liege*

Kitchen-Gardening Opens up a Sense of Belonging in Disturbed Times *Alexis Zimmer, Université Libre de Bruxelles*

The Meaning of Commonly Cared-for Nature according to Struggling Farmers *Benedikte Zitouni, Saint-Louis University, Brussels*

From the Mint to the Crypto-currencies: The Case of Faircoin in the Age of Cognitive Capitalism *John Nève, Université Paris 1 Panthéon-Sorbonne - Université Saint-Louis*

Chairs:

Benedikte Zitouni, Saint-Louis University, Brussels

Alexis Zimmer, Université Libre de Bruxelles

349. Working with/against the Politics of Benevolent Neuroscience

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Innocuous Intersectionality? The Politics in Handedness Research *Tabea Cornel, University of Pennsylvania*

Neuro-Visions of the Prejudiced Mind: Neuroscience and the Search to ‘Cure’ Racism *Oliver Rollins, University of Pennsylvania*

The “Neural Phenotype of Poverty” and the Carceral Imagination *Victoria Pitts-Taylor, Wesleyan University*

Can Therapy Be Cool? An Investigation in the Mediatization of Neuro-Technology *Marisa R Brandt, Michigan State University*

The Practice of Secrecy in Neuroimaging Research *Giulia Anichini, Uqam (Université du Québec à Montréal)*

Chair:

Tabea Cornel, University of Pennsylvania

350. Affect and Emotion across Sites of Technoscience II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

From Bits to Bodies: Race, Sex, and the Affective Embodiment of Genomic Data *Jennifer Hamilton, Hampshire College*

What Needs to Be Done, What is Worth Doing: Non Knowledge, Emotions and Framing in the Relationship between Scientists and Social Movements *Ana Maria Vara, National University of San Martín*

The Culture of Truth: Emotions in a Post-Factual World. *Anna Durnova, Institute for Advanced Studies, Vienna - Technoscience and Societal Transformation*

The Circulation of Affect and Emotions in Cultural Debates about Vaccines *Venla Oikkonen, University of Helsinki*

Chair:

Mianna Meskus, University of Helsinki, Department of Social Research

351. Side-effects of (In)Sensible Participatory Technology Developments

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - Riverway

Participants:

Absences that Matter: Representations of Old Age in the CURE-Elderly-Personas *Susanne Oechsner, University of Vienna*

Federal Institutes: Alignment with the Institutional Proposal? *Rodrigo Rafael Fernandes, IFPR; Sidney Reinaldo da Silva, IFPR*

Users as the Only Variable – Participation as Re-Education *Tim Seitz, Wissenschaftszentrum Berlin für Sozialforschung (WZB)*

Locals in the Wasteland: The Unintended Effects of (In)Sensible Local Participatory Technology Development. *Céline Parotte, University of Liège*

Chair:

Diego Compagna, Technische Universität Berlin

352. Science Displays and the Politics of Representation

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - The Fens

Participants:

The Role of China's Science and Technology Museums in Public Understanding of Science
Xuan LIU, National Academy of Innovation Strategy, China; Xiang LI, National Academy of Innovation Strategy, China

Imagining Sustainability in The Crystal: Technological Solutions on Display *Thaddeus Miller, Arizona State University; Kaethe Selkirk, Arizona State University*

Marching off to the Science Wars *Adam Shapiro*

Leveraging the Fight against Fascism to Reposition the Societal Role of Scientists *Sarah Tuttle, University of Washington, Seattle; Chanda Prescod-Weinstein, University of Washington*

Chair:

Sarah Tuttle, University of Washington, Seattle

353. Student Section of 4S (6S) Happy Hour

Reception

5:30 to 7:00 pm

Sheraton Boston: Globe Cafe & Bar, 565 Boylston St.