

WEDNESDAY, AUGUST, 30

001. STS Across Borders

Pre-Conference Meeting

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

Earthquake Predictability: A Controversial Concept
Iraklis Katsaloulis, Department of Philosophy and History of Science, University of Athens, Greece

Governing uncertainty: Disaster expertise, emergent markets, and the Istanbul Earthquake
Ebru Kayaalp, Istanbul Sehir University; Onur Arslan, Istanbul Sehir University

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

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

Chair:

Mathias Roger, IRSN

003. Facts, Artifacts, and the Politics of Scientists'

Participation in Korea

Panel Session

11:00 to 12:30 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 (S. Korea)

The Controversy over the 'ROKS Cheonan Sink' and the Significance of Democratic Participation
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

004. 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

005. 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 Brasilia

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

006. Making Sense of Practice by Engagement I

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Craft, Computation, and Technology: The Practice of Wire-Bending in Trinidad & Tobago Vernelle A Noel, Penn State University

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

Playing With Tools and Making Sense of Information Security and Privacy Niranjana Sivakumar

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

Chair:

Karin Patzke, Rensselaer Polytechnic Institute

Discussant:

Daniela Rosner, University of Washington

007. 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

008. "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

The Politics of Difference in the Era of Accountable Care Taylor Cruz, University of California, San Francisco

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

"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

009. 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 Visibilization of Metadata Thomas Linder, Queen's University, Kingston, Canada

Predictive Punishment: The Detecta and the incorporation of Data Mining and Profiling techniques by São Paulo's Police Alcides Peron, Unicamp

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

010. 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

011. 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

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

Chair:

Peter-Paul Verbeek, University of Twente

**012. 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

Knowledge Production in Antarctica: The Intersections of
Science, Creativity, and Infrastructure in An Extreme
Environment Luke Bohanon, UCLA

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

013. 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

**014. 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, Université
de Montréal

Trevor Goward, Lichenologist Derek Woods, Rice
University

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

Chair:

Margaretha Blignaut, Harvard University Anthropology
Department

015. 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

**016. 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

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. Evolutionary Bodies: Biology, Environment, and the Colonial Imaginary

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Envisioning the Body at Work: Gender and Embodiment in British Colonial Bermuda Jenna Tonn, Boston College

Invisible Women: Control and the Gestating Body in Prenatal Supplementation Studies Meredith Reiches, University of Massachusetts Boston

"Re-Wilding" the Body in the Anthropocene Chelsea Leiper, University of Delaware

Chair:

Jenna Tonn, Boston College

Discussant:

Banu Subramaniam, University of Massachusetts Amherst

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

Storytelling Resistance in Central Appalachia: "Post-Truth" and Climate Change in Coal Country Dylan Harris, Clark University

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:

Vicarious Movement: A Human/Machine Drawing Collaboration Rochelle Haley, UNSW Australia

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

Insider Knowledge: Reviewing the Maker Movement, Focused on the Political Economy of Getting Things Done Joshua Gigantino, Arizona State University

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

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

Remotely True: Satellite Imagery and Sri Lanka's Civil War Vivian Y Choi, St. Olaf College

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

Intelligent Medical-Nursing Platform for the Aged Based on Health Information Technology: A case study on Beijing Han Zhang, Tsinghua University

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 Mollidre, 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 Environmentality: bringing back the "world" into the human-technology relations Margoth González Woge, Twente University

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

Programmatization 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 Benzra, 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

Yachay: A Paradox of Democratic Decision-Making María Belén Albornoz, FLACSO Latin American Social Studies Faculty

National Systems of Innovation in Agriculture Bioinformatics diwakar kumar, cug

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

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
Dwaipayana 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

Conservatism 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 Søråa, NTNU; Håkon Fyhn, NTNU

Chair:

Roger Andre Søråa, 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 vinsel, Virginia Tech

Chair:

Seyram Avle, University of Michigan - School of

Information

048. Sense Making Across Ecological Boundaries

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Kent

Participants:

Does it matter WHY the 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 Morality 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 Texas at Austin

050. Opening Reception

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 university

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

Lardo in the Bardo: The Blackboxing of Nutrition, Agriculture, and Fat in the United States Jacob Eaton, Washington University in St. Louis

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

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

Promoting Societal Engagement Under the Terms of Responsible Research and Innovation (RRI): Barriers to Engagement in Nanotechnology, Synthetic Biology and Food Science Lada Timotijevic, University of Surrey; Emily Porth, University of Surrey; Monique Raats, University of Surrey

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' Krisha 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-Gámez, 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

Sexy Data Patrick Keilty, University of Toronto

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

Performativity of Innovation: (New) Initiatives and Collaborations by Entrepreneurial Technical Universities Anton Schröpfer, Technical University Munich

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

Unpacking the Governance Mechanism of Industrial Technology Consortia in China: A Case Study on the IGRSTC CHUN YANG, Tsinghua University; FENG LI, Tsinghua University

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

The Epistemology of Prediction and the Politics of Futurological Reason in Russian Data Science Ian Lowrie, Rice University

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)

Digitizing the Body: Revisiting the Leib/Körper Distinction Kirk Besmer

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

Coffee Break

Break

10:30 to 11:00 am

Sheraton Boston: Foyer

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

10:00 to 12:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

074. 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

International Surrogacy and the Coproduction of Kinship and the State Daniela Maria Tamara Schuh, University of Vienna

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- Minoru KOKADO, Osaka University, Japan; HYUNSOO HONG; Azumi Tsuge, Meijigakuin University

Chair:

Skye Miner, McGill University

075. 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 Ariculture 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

Deere John: on Dirty Data, Automation, and Farmers as IT Workers Christopher Miles, Indiana University

Chair:

Christy Spackman, Harvey Mudd College

Discussant:

Jacob Lahne, Drexel University

076. 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

077. 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)

078. 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

079. 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

080. 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)

081. 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

082. 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 Cíntia Tortato, Instituto Federal do Paraná

Chair:

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

Discussant:

Vivian Anette Lagesen, NTNU

083. 2017 Fleck Prize winner: Author Meets Critics

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

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

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Dalton

Participants:

- Evaluating Valorization: Tensions between Truth and Use in Concepts and Practices of Science Policy Jorrit Smit, Leiden University
- 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

085. 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

086. 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

087. 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)

088. Whiteness and Technoscience II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

- “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
- Inside the Social World of Asocials: White Nerd
Masculinity, Science, and the Politics of Reverent
Disdain Angela Willey
- 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

089. 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

090. 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

091. 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-Silfvast, University of Washington

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

092. Predictability’s Promises II

Panel Session

11:00 to 12:30 pm

Sheraton Boston: Floor 3 - Jefferson

Participants:

“Securely Attached”: Therapeutic Evidence, Predictability, and Risk Assessment in Psychiatric Intervention Bican Polat, The Johns Hopkins University

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

093. 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

094. 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-Silfvast, University of Washington

Autoethnographic Methods for Studying Data-Driven Knowledge Production R. Stuart Geiger, UC-Berkeley; Charlotte Mazel-Cabasse, UC Berkeley; Brittany Fiore-Silfvast, University of Washington

Chair:

Charlotte Mazel-Cabasse, UC Berkeley

12:30 to 2:00 Lunch Break

095. Image, Material, Transfer: A Materials Lab

Workshop

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon E

Presenters:

Francesca Brewer, Harvard Art Museums

Ethan Lasser, Harvard Art Museums

Chair:

Grace Kim, Massachusetts Institute of Technology (MIT)

096. Ethnografilm Dailies I

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

097. 4S Council Business Meeting

Business Meeting

12:45 to 1:45 pm

Location TBA

098. 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

"NSF speed dating" with STS Program Director Fred Kronz

1:00 to 3:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

099. 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 Jafarinasimi, 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 Borrión, 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
- Improvising live electronic music systems as performance Ezra Teboul, Rensselaer Polytechnic Institute
- 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; Toluwalogo 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

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

101. 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

Openness and Securitization in Laboratory Animal Research Carrie Friese, London School of Economics

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

102. 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 Univerisity

Discussant:

Kim Fortun, University of California Irvine

103. 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

104. 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

105. 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

106. 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

107. 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

108. 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

109. 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
"Science Muzzling" and Tactics for Recovering
Marginalized Knowledge Sarah Blacker, Max Planck
Institute for the History of Science

Chairs:

Davide Orsini, Mississippi State University
Anna Weichselbraun, Center for International Security
and Cooperation, Stanford University

Discussant:

Sheila Jasanoff, Harvard University

**110. 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
Rijke, Centre for Science and Technology Studies
(CWTS); Thomas Franssen, University of Amsterdam;
Maximilian Fochler, University Of Vienna; Tjitske
Holtrop; Thed Leeuwen, Centre for Sciences &
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

111. 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-Gámez, Linköping
University
Technoscientific Governance, Performance Politics, and
Citizenship Claims in Ethiopian Land Deals for

Commercial Agriculture Sarah Stefanos, University of
Wisconsin, Madison

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

112. 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

**113. 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
Grasping at Retreating Glacial Objects: Politics,
Understandings and Governance of Chile's Glaciers
Lucero Radonic, Michigan State University; David
Tecklin, Universidad Austral de Chile
"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)

114. 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

Keeping Women in the Science Pipeline: Current
Situation in China Mingyan Zhang, National Academy
of Innovation Strategy, CAST

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

115. 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

Bioeconomy Pending: Modes of Biomedical Patents in
Taiwan Tzung-wen Chen, National Chengchi
University

Chair:

Jose Francisco Romero-Muñoz, Benemérita Universidad
Autónoma de Puebla

116. 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

117. 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
Giesekeing, 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

118. 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

119. 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

120. 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

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

off-site event

2:00 to 5:00 pm

Chairs:

Grace Kim, Massachusetts Institute of Technology (MIT)
Ethan Lasser, Harvard Art Museums

Coffee Break

Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

122. 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 Moira 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

123. (In)Sensibilities of Eating Naturally: Science, Morality, and the Construction of “Natural” Food

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

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

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

Bridging the Metabolic Rift: Biosolid Use in the American Midwest Nicholas C. Kawa, The Ohio State University

Chair:

charlotte biltekoff, UC Davis

124. “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

“Hidden Disasters” in the Anthropocene Gary Bowden, Sociology, University Of New Brunswick

Chair:

Anto Mohsin, Northwestern University in Qatar

125. 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

126. 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

Chair:

Sophia Roosth, Harvard University

127. 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 (Crowdsource) Games Casey O'Donnell, Michigan State University

Mobile Freemium AAA: It's Where the Money Is Christopher Paul, Seattle University

Chair:

Shira Chess, University of Georgia

128. 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

How the "security threat" and "dangerous populations" gained independence from intelligence and profiling Yael Berda, Harvard University

Badlands: Geography, Mythology, and America’s Wars Osamah Khalil, Syracuse University

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

129. 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

130. 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

131. 2017 Carson Prize winner: Author Meets Critics

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

132. 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

133. 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

**134. 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

**135. 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

Maya Forest Futures: Violence, Uncertainty, and
Transnational Biodiversity Conservation in Mexico,
Belize, and Guatemala Micha Rahder, Louisiana State

University; Melinda Gonzalez, Louisiana State University

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

136. Breaking Codes: Technologies from a Gender

Perspective

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner A

Participants:

Intimate Mediations: Development, Technology, and the Politics of Emotions Firuzeh Shokooh-Valle, Northeastern University

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

137. 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

Placebo Forms: Documenting the Placebo in Clinical Trials with Psychedelic Drugs Katherine M Hendy, The Ohio State University

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

138. 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

139. 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, Aarhus University

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

140. 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

Towards a Generalized Ecology: John Von Neumann, Weather Science, and the History of Information John Witte, University of Iowa

Chairs:

Kuan-Hung Lo, Virginia Tech

Yuh Chern Lin, National Tsing-Hua University

141. 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 Aaløkke 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

142. #QueerSTS4S: Third Annual Happy Hour Meetup

Reception

5:30 to 7:00 pm

The Pour House (907 Boylston Street)

Chair:

Mitali Thakor

143. 4S Awards Plenary

Plenary Session

6:00 to 7:30 pm

Sheraton Boston: Floor 2 - Constitution

144. Tapuya Reception (by invitation only)

Reception

7:30 to 8:30 pm

Sheraton Boston: Floor 3 - Commonwealth

FRIDAY, SEPTEMBER, 1

145. 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

146. 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

147. (De)construction of Nuclear Systems

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon D

Participants:

The Evolution of Disarmament Verification Mareena
Robinson Snowden, MIT

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

148. 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:

Andreas Bischof, University of Technology Chemnitz

149. 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

150. Communicating Science I

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;
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

151. 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

152. 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

153. 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

154. 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

155. 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

156. 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

157. 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

158. 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

Sociotechnical Privacy in Cloud-based Mobile Applications Daniel Kerpen, Chair of Sociology of Technology and Organization (STO) at RWTH Aachen University, Aachen/Germany

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

159. 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

160. 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

161. 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

162. 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 Skjølvold

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)

163. 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

164. 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

165. 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

166. 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

167. 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

"NSF speed dating" with STS Program Director Fred Kronz

10:00 to 12:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

168. Coffee Break - Sponsored by Duke University Press

Break

10:30 to 11:00 am

Sheraton Boston: Foyer

169. 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

Good Mothering Before Birth: Ultrasound as a Technology of Maternal-Fetal Bonding and the Construction of Sub-optimal Bonders Jennifer Denbow, California Polytechnic State University

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; Izetta Mobley, University of Maryland College Park

Chairs:

Anne Pollock, Georgia Tech

Melissa Creary, University of Michigan, School of Public Health

170. 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

171. 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

172. 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

Synthesizing the Robot as Actor: Interactional Expertise
and Symbolic Meaning in Human-Robot Interaction
Andreas Bischof, University of Technology Chemnitz

Chair:

Niklas Woermann, University of Southern Denmark

Discussant:

Karin Knorr Cetina, University of Chicago

173. 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

174. 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

175. 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

Harmful Climates and Debilitating Lives in the
Antebellum Gulf South Elaine LaFay, University of
Pennsylvania

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

176. 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

On a Mission to Scan: Labor, Collaboration, and Infrastructure in Genealogy digitization Melissa Chalmers, University of Michigan School of Information

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)

177. 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

178. 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

179. 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

Enhancing the Brain Plasticity and the Problem of the Old Age in Korea Jieun Lee, University of Copenhagen

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

Chair:

Maurizio Meloni

180. 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

181. 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 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 Ballester, Rice University

182. 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

183. 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

184. 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 Jiuheg He, Institute of Science, Technology and Society, Tsinghua University, China

Contesting ADHD: Controversial disorder and health social movement Fan-Tzu Tseng

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

185. Roundtable Workshops

11:00 to 12:30 pm

Sheraton Boston: Floor 2 - Grand Ballroom

185-1. 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

185-2. Zbola and the (in)Sensibility of Death

Rountable 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

186. 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

187. 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 Koksvik, 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 Thronsen

"Green" and gendered – Electric car culture in urban energy transitions Martin Anfinsen, Norwegian University of Science and Technology

Chair:

Tomas Moe Skjølvold

188. 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 Trumppocene 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

189. 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 Misoprostol 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

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

190. 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

191. 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 diagenetic 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

192. 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

12:30 to 2:00 Lunch Break

193. 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

194. 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

195. Feminist STS Meet-up

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon G

196. Ethnografilm Dalies II

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

197. 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

198. EASTS Journal Editorial Meeting

Board Meeting

12:45 to 1:45 pm

Sheraton Boston: Floor 5 - Public Garden

199. Doing Situational Maps and Analysis in STS

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 5 - Riverway

"NSF speed dating" with STS Program Director Fred Kronz

1:00 to 3:00 pm

Sheraton Boston: Floor 3 - 3rd Floor Registration

200. 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

201. 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

202. 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

203. 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

204. 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

205. 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

206. 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 Tanupabrunsun, 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

**207. 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 Tamaria Möllers, Queen's University (Kingston,
Canada)

**208. 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

209. 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: Evelyn Hammonds, Harvard University

Panel Members:

Khiara Bridges, Boston University

Christa Craven, College of Wooster

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, Our Bodies Ourselves

**210. 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

Equipping for Plasticity Kim Hendrickx, Centre for
Sociological Research, KU Leuven

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:

Martine Lappe, Columbia University

**211. 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

212. 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:

A Second Chance: Improvisation, Re-Enactment and Anthropological Knowledges Sydney M Silverstein, Emory University

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

213. 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

214. 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 Wajsborg

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

215. 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

Can Patents Incentivise the Indigenous Knowledge Holders? A Study of Grassroots Innovations in India Gautam Sharma, Central University of Gujarat

Chair:

Tiago Ribeiro Duarte, University of Brasília

216. 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

217. 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

218. 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

219. 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

220. 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, National 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

221. 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

Engaging the concept of the 'script' as means for intervention Judith Christine Igelsböck, MCTS, Technical University of Munich

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: Problematizing a union with software Sarah Beth Evans, North Carolina State University

Chair:

James Malazita, Rensselaer Polytechnic Institute

222. 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

The Social Properties of Enscreened Entities Alison Marlin, University of Melbourne

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

Coffee Break

Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

223. 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 Leibler, Bar Ilan University

Chair:

Anat Leibler, Bar Ilan University

224. Sensing and Apprehending

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

(Un)Dividing devices of sensory knowledge Thomas Vangeebergen, PSL Research University - University of Liege

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 Saydnaya 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

225. 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

226. 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 Jatton, Université de Lausanne

Chair:

Florian Jatton, Université de Lausanne

227. 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

The Mediating Role of Tablets in Institutionalized Uruguayan Seniors' Lives Alex Castleton; Mercedes Ponce de Leon, University of Montevideo; Cecilia Ramirez, University of Montevideo; Alejandro Cid, University of Montevideo

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

228. 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 anweshha 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

229. 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 Iurisprudentiae, Academia Sinica

Chairs:

Iris Eisenberger, University of Natural Resources and Life Sciences, Vienna

Melanie Dulong de Rosnay, ISCC CNRS Paris Sorbonne

230. 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

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

231. 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

On Risk Mitigation and Desperate Techno-Optimism in Ghana's E-Waste Ground Zero Peter Little

Chair:

Damien Droney, Stanford University

Discussant:

Lilly Irani, University of California, San Diego

232. 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

233. 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

234. 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, Technology University of Paraná

Chair:

Natalia de Lima Bueno, Technology University of Paraná

235. 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:

Seeing the Large in the Ethnographic Trace Sarah Catherine Inman, University of Washington; Tom Wilson, University of Washington

Analyzing the Analyst: Theater as Method in the Cognitive Neuroscience Laboratory Yelena Gluzman, UCSD

Affordances of the Smartphone for Knowing Together Karen Walto, 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

236. Science Research Policy and Politics

Rountable Workshop

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 Luise Martina Ruge, Munich Center for Technology in society; Sebastian Michael Pfothhauer, 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

237. 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

238. 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

239. 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

240. Energy Matters

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Hampton B

Participants:

Social Construction of Biogas and the Problem of Rice Straw Burning in India poonam pandey, Maastricht University, Netherlands; Wiebe E. Bijker, Universiteit Maastricht

Narrating the cultures and sciences in biofuels production in India Rahul Shukla, Indian Institute of Technology Guwahati; Sambit Mallick, Indian Institute of Techology Guwahati

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 Changeok Gim, Arizona State University

Chair:

Changeok Gim, Arizona State University

241. 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 Univerity

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

242. 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

On “Ideo-Methodo-Logical” Dimensions of Knowledge Production
Juliano Camillo, Federal University of Santa Catarina; André Machado Rodrigues, University of São Paulo; Cristiano Mattos, University of São Paulo

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

243. 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:

Shōyu and Hospitals: the Emergence of Low-Sodium Soy Sauce in Modern Japan
I Nakayama, University of Hong Kong

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

244. 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

245. Getting Past Inevitabilist 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 Texas at Austin

246. 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

247. 4S Banquet

Special Event
7:30 to 10:30 pm
Sheraton Boston: Floor 2 - Grand Ballroom

SATURDAY, SEPTEMBER, 2

248. 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
Does It Matter WHY The Data Are Created? Louise Bezuidenhout, University of Oxford

Chairs:

Carsten Østerlund
Gabriel Mugar, Engagement Lab at Emerson College

Discussant:

Alan Irwin, Copenhagen Business School

249. 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

250. 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

251. 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
Synthetic and in-vitro meats: Sanitized meat production and the biopolitics of life Kelly Struthers Montford, University of Toronto & University of Alberta
Mimesis and Invention in the Cultured Meat Debates Benjamin Aldes Wurgaft, MIT

Chair:

Benjamin Aldes Wurgaft, MIT

Discussant:

Neil Stephens, Brunel University London

252. 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

253. 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

254. The Agenda(s) of Open Science

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Beacon H

Participants:

Academia as a Financial Market of Ideas Alessandro Delfanti, University of Toronto

Just Another N: Reproducing Epistemic Crisis in Open Science Kyle Harp, University of California, Riverside

"Your Spectrogram Looks Like My Genomic Sequence Data" and Other Moments from the Trading Zones of Data Science Brittany Fiore-Silfvast, University of Washington; Anissa Tanweer, University of Washington

What is OpenScience Supposed to Fix? Philip Mirowski, University of Notre Dame

Broken Science? You Only Need Post-Publication Peer Review to Fix It Didier Torny, CSi, I3, PSL Research Universitu, CNRS UMR 9217 (France)

Chair:

Philip Mirowski, University of Notre Dame

255. 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

256. 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 Jafarinami, Georgia Institute of Technology
Kathi R Kitner, Intel Labs

Discussant:

Beth Coleman, University Waterloo/MetaLab Harvard

257. 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

258. 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

**259. 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

260. 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

261. 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.

Making Sense of a 'Green Transition': (In)sensitivities to
Climate Science and Policy in a Petro-state Erlend
Hermansen, CICERO Centre for International Climate
Research; Helene Amundsen, CICERO Center for
International Climate Research

Chair:

Darrin Durant, University of Melbourne

**262. 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

The Plasticity of Epigenetics: Interpretations and
Translations of Epigenetics Across Disciplines Natali
Valdez, Rice University

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:

kateria Guba, European University at St.Petersburg

263. 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

Meant for Membership: Ancestry Technologies and the Emerging Standard of Provable Ethnoracial Authenticity Adam L. Horowitz, Tel Aviv 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

264. 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

Chairs:

Maximilian Fochler, University Of Vienna

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

265. 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

266. Fiction, Fantasy and Games

Panel Session

9:00 to 10:30 am

Sheraton Boston: Floor 3 - Jefferson

Participants:

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

From SF Novelists to Chief Futurists: On Professional Speculation, Feedback between Science Fiction and Software Nicholas M Kelly, University of Iowa

A Game of Drones: Necropolitics, Drone Logics, and Videogame Spectatorship Jessica Elam-Handloff, North Carolina State University; Nicholas Taylor

Chair:

Jessica Elam-Handloff, North Carolina State University

267. 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

268. 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

269. 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

270. 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

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

Off-Site Event

10:00 to 11:00 am

Chairs:

Rebecca Uchill, University of Massachusetts, Dartmouth

Iain Kerr, spurse

Petia Morozov, spurse

Matthew Friday, spurse

Coffee Break

Break

10:30 to 11:00 am

Sheraton Boston: Foyer

272. 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

273. 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

274. 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

275. 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 Pfothenauer, 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 Pfothenauer, Technical University Munich

276. 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)

277. 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:

Autism, Interactional Expertise and the 'Minimal Body' clarice monteiro machado rios, State University of Rio de Janeiro

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

278. 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 Wield, 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

279. 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

280. 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

Civicness 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 Jafarinami, Georgia Institute of Technology

281. 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

Christian Sandvig, University of Michigan

Kalpna Shankar, School of Information and Library Studies, University College Dublin

Zeynep Tufekci, University of North Carolina

282. 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

"Either an Ally or Frenemy": Illumina Inc, Genomics England and Market Capture Samuel Taylor-Alexander, Monash University

"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

283. 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

284. 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

How to Constraint the Sensory Distribution: To Fix the Properties of Taste Thomas Vangeebergen, PSL Research University - University of Liege

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 of Science, Peking University.

Chair:

Veit Moritz Braun, LMU Munich

285. 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

Adaptation Decision Making at the Science-Policy Interface: Conceptual and Methodological Challenges Hiroyuki Kano

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

286. 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

287. 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

288. 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

Imaginaries 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 life 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

289. 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

290. 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

291. (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

Revoluting 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

The Ultimate Medium: The Biopolitics of Immediacy in “Consciousness Hacking” Aleena Chia, Indiana University

Chair:

Kevin Chien-Chang Wu, National Taiwan University College of Medicine

292. 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

293. 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

'Public Understanding of E-waste and its Disposal': A Journey Towards Developing a Conceptual Framework
Anwsha Borthakur, Centre for Studies in Science Policy, Jawaharlal Nehru University

Chair:

Tristan Partridge, UCSB, Anthropology

Discussant:

Javiera Barandiaran, University of California, Santa Barbara

294. 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

12:30 to 2:00 Lunch Break

295. 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

296. 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

297. 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

298. Ethnographers' Lunch

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon F

Presenter:

Nick Seaver, Tufts University

299. Decolonizing STS Meet-up

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon G

300. Feminist Pedagogy In and Beyond the Classroom: A Conversation with Christa Craven & Dána-Ain Davis

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Beacon H

Presenters:

Christa Craven, College of Wooster

Dána-ain Davis, Queens College & CUNY Graduate Center

301. Ethnografilm Dalies III

Lunchtime Workshop

12:45 to 1:45 pm

Sheraton Boston: Floor 3 - Commonwealth

302. SSS Editorial Board Meeting

Business Meeting

12:45 to 1:45 pm

Sheraton Boston: Olmstead

303. 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

304. 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

305. 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

306. 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

307. 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

308. 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

Anticipating Autism, Neurodiversity, and the Politics of Representation Martine Lappe, Columbia University

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:

Martine Lappe, Columbia University

Discussant:

Chloe Silverman, Drexel University

309. 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

310. 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

Technologies of Global Citizenship Formation: Focused on World Wide Views on Climate and Energy 2015 in Korea Young Hee Lee

Chair:

Sandra Braman, Texas A&M University

Discussant:

Christoph B Graber, University of Zurich

311. 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 of Water Education; Margreet Zwarteveen, 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

312. 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 Downy, commenting on Michael Lynch Gary Downy, Virginia Tech

Joan Fujimura, commenting on Michael Lynch Joan Fujimura, University Of Wisconsin-Madison

Alan Irwin, commenting on Michael Lynch Alan Irwin, Copenhagen Business School

Martina Merz, commenting on Michael Lynch Martina Merz, Alpen-Adria-Universität Klagenfurt, Austria

Chair:

Kim Fortun, University of California Irvine

Discussant:

Michael Lynch, Cornell Univ.

313. 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

314. 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

315. 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 H  l  ne Mialet, York
University STS

Sensor technology as a thermostat of the self Natasha
Schull, NYU - MCC

Chairs:

Natasha Schull, NYU - MCC

H  l  ne Mialet, York University STS

316. 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

317. 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

318. 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 Hung Yin Tsai, Virginia Tech

Chairs:

Sonja Van Wichelen, University of Sydney
Marc De Leeuw, The University of New South Wales

319. Research and Responsibility

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 3 - Hampton A

Participants:

Responsible Innovation Procurement: Emerging
Organizational Forms and Responsibilities Renata
Axler, University of Toronto

Responsible Research: Classical View of Scientists'
Social Responsibility v.s. New Wave of RRI including
Re-institutionalization Yuko Fujigaki, University of
Tokyo

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:

Renata Axler, University of Toronto

320. 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

321. 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

322. 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

323. Affect and Emotion across Sites of Technoscience I

Panel Session

2:00 to 3:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

Infant Cognition and the Sense Feelings Make Rachel
Weitzenkorn, Dept of Women's, Gender, and Sexuality
Studies, Emory University

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

Chair:

Venla Oikkonen, University of Helsinki

324. 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

325. 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

Coffee Break

Break

3:30 to 4:00 pm

Sheraton Boston: Foyer

326. 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

Creating Citizen-Experts: The Regulatory Review of
Canada's Trans Mountain Pipeline Expansion Nichole
Dusyk, Simon Fraser University

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

327. Racial Mattering and Scientific (In)Sensibilities

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon B

Participants:

Ape 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

328. 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

329. 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

330. Sense and Nonsense in Modern Mathematics

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon F

Participants:

Discovery 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 Schoenlein, 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.

331. Science and Technology Perspectives on Complementary and Alternative Medicine

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Beacon G

Participants:

Maintaining Flow. Heart Disease Prevention Lines in Scandinavian Conventional and Chinese Medical Training Maria Wemrell, Unit of Social Epidemiology, Medical Faculty, Lund University

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

332. 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

Algorithms in Practice: Comparing Web Journalism and

Criminal Justice Angèle Christin, Department of
Communication, Stanford University

Chair:

Morgan G. Ames, CSTMS, UC Berkeley

Discussant:

Suzanne L. Thomas, Intel Labs

333. 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

334. 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

335. 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 Düppe, University of Québec
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

336. 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

337. 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

338. Interdisciplinarity and Universities

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 3 - Gardner A

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

**339. 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

340. 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

**341. 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

**342. 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

343. Affect and Emotion across Sites of Technoscience II

Panel Session

4:00 to 5:30 pm

Sheraton Boston: Floor 5 - Public Garden

Participants:

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

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

344. 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

Integrating Discourses in an EMR Organizational Change Project Benoit Cordelier, Université du Québec à Montréal (UQAM)

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

345. 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

Public Knowledge as Cultural Intervention: Knowledge, activism, and agency in the museum world Noah Feinstein, University of Wisconsin-Madison

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

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