**TUESDAY, SEPTEMBER, 3**

**001. Welcome Reception & Pre-Registration**
4S Annual Meeting
Reception
5:45 to 6:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom Foyer

**WEDNESDAY, SEPTEMBER, 4**

**002. The Measure of an Organ: Epistemologies of Quantification and Bodily Visibility across Time and Space**
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus

Participants:
One Model Liver  Measuring infection with Schistosoma mansoni and hepatitis C in 20th-century Egypt Jennifer L. Derr, University of California, Santa Cruz
Creating Body Parts: Atlantic Slavery and the Imagination of the Quantifiable Body Pablo Gomez, University of Wisconsin-Madison
"An Environmental History of Railway Spine: Chronic Pain, Human Bodies, and Industrializing Spaces in Nineteenth-Century America" Tamara Venit-Shelton, Claremont McKenna College

Session Organizer:
Tamara Venit-Shelton, Claremont McKenna College

**003. Automation, Skill and Identity in an Age of AI - I**
Papers for Open Panels/Automation, Skill and Identity in an Age of AI
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A

Participants:
Artificial Intelligence, Algorithms, and the Skill Question A. Anesh, University Of Wisconsin, Milwaukee
Manufacturing an Artificial Intelligence Revolution Yarden Katz, Harvard University
Cross-cultural regimes of justification: Weaving AI and IK through adaptive co-management on Indigenous lands Cathy Robinson, CSIRO
The Impact Of Technological Progress On Unemployment Fear In China Pei Li

Session Organizer:
Soumya Das, International Institute of Information Technology, Bangalore

Discussants:
Annie Hammang
Corinna Scholmbs, Rochester Institute of Technology
Charlotte Esteban, Université Toulouse 2 Jean Jaurès
Kohta Juraku, Tokyo Denki University

**004. Who Knows? Smart Cities as Epistemology**
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B

**Preliminary Program May 22, 2019**

Participants:
The persistence of neo-colonial relations in the smart city Ryan Burns, Department of Geography; Morgan Mouton, University of Calgary
Do Algorithms have a Right to the City? Waze and Spatial Sovereignty Eran Fisher, Open University of Israel
A Brief History of Smartness: Infrastructure, Resilience, and “Smartness” Ori Halpern, Concordia University
Smart City Data as an Epistemic Object Inna Kopper, Queen’s University (Kingston, Canada)
Pre/Performing the Smart City: BIAs, Asset Management Apps and Precursory Technologies Debra Mackinnon, Queen’s University (Kingston, Canada)

Buying into the smart city narrative: discursive engineering and agenda setting in South African and Indian municipalities Ola Söderström, Université de Neuchâtel; Evan Blake, University of Neuchâtel

Session Organizers:
Morgan Mouton, University of Calgary
Ryan Burns, Department of Geography

Chair:
Ryan Burns, Department of Geography

**005. Feminist Engagements with the Immaterialities of Gender and the West**
Papers for Open Panels/Reviewing The Promises Of Feminist Neomaterialisms
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C

Participants:
From Singular to Plural Futures Maryam Heidaripour, Illinois Institute of Technology
Kokoro Relation - Relation Between Human and Contemporary Vibrators Christel de Kloe, Utrecht University
Making Gender Work: Disruptions and Innovations in Gender Infrastructure Tristan Gohring, Indiana University - Bloomington
Tackling the Taboo Myriam Raboldt, TU Berlin / TU Braunschweig, Germany

Session Organizer:
Anastassija Kostan, University of Frankfurt Germany

Papers for Open Panels/Risk Government: Putting Industries Back in the Analysis of Science-based Regulatory Tools
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:
Becoming a legitimate lobby. How the International Agency for Research on Cancer (IARC) has handled representatives from the chemical industry, 1971-1982. valentin thomas, INRA - IRISSO, Université Paris-Dauphine

Negotiating information visibility and consumer ignorance: the digital disclosure of GM food in the US Bastien Soutijis, Université Toulouse Jean-Jaurès - LISST-CERS

Papers for Open Panels/Scenarios beyond Imagination: Anticipation Devices Facing Real-world Crises in STS and Economic Sociology
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
- Envisioning the Unprecedented: Nuclear Emergency Response Technologies and the Politics of Anticipated (non-)Use
  Sonja Schmid, Virginia Tech's National Capital Region Campus
- Excluding a French Fukushima: Accident modelling as a means of regenerating promises of government in the face of crises
  Valerie Arnhold, Sciences Po
- Seeing and Being Seen: How Stress Testing Banks Puts the State Itself on Trial
  Julian Jürgenmeyer

Session Organizers:
- Valerie Arnhold, Sciences Po
- Olivier Pilmis, CNRS - Centre de Sociologie des Organisations

Chair:
Olivier Pilmis, CNRS - Centre de Sociologie des Organisations

008. The Biometric Body as Public Good? Questions of Legitimacy & Valuation in Human Identification

Papers for Open Panels/The Biometric Body as a Public Good? Questions of Legitimacy & Valuation in Human Identification
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
- Witnessing Probability: A Sociological Analysis of the Forensic Statistics Controversy
  Simon A Cole, Univ Of Ca-Irvine
- Imaginaries of security innovations, (in)security technologies and criminalized bodies: the cases of Germany and Poland
  Helena Machado, Communication and Society Research Centre (CECS) | University of Minho, Portugal; Nina Amelang, University of Minho
- Biometric Imaginaries: The Body in the Cloud?
  Christopher James Lawless, Durham University; Matthias Wienroth, Policy, Ethics & Life Sciences Research Centre, Newcastle University
- Biometrics And The State: Can They Be Trusted?
  Carole I McCartney, Northumbria University
- The Dreams and Nightmares of Universal Identification
  Databases
  David Skinner, Anglia Ruskin University

Session Organizer:
Matthias Wienroth, Policy, Ethics & Life Sciences Research Centre, Newcastle University

Discussant:
Barbara Allen, Virginia Tech-National Capital Region Campus

009. Beyond Non-Use: Infrastructuralism and Interruption

Papers for Open Panels/Beyond Non-Use: Infrastructuralism and Interruption
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
- Comparative Reflection on Do Not Track as Non-Use
  Meg Leta Jones, Georgetown University
- Hacking and Non-use: infrastructural modifications and epistemic engagement
  Sebastian Dahm, TU Berlin
- Rural Broadband: Telecom Haves, Have Nots and Will Nots
  Helen Hambly, University of Guelph
- Process This!: Processed World's Aesthetics of Resistance
  Joseph DeLeon, University of Michigan, Ann Arbor
- Medium Control, Maximum Empowerment: Strategies for Amish Living in the Digital Age
  Lindsay Ems, Butler University
- Reverse Geo-Coding for Local Context: Working with GPS Non-Use in Nairobi
  Elizabeth Resor, UC Berkeley School of Information

Session Organizer:
Nathanael Basset, University of Illinois at Chicago

010. Engineers: Makers of the World or Cogs in the Machine? - I: Engineers and Power in Politics, Organizations and Everyday Life

Papers for Open Panels/Engineers: Makers of the World or Cogs in the Machine?
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
- "This man is not responsible for anything": Engineers and Their Everyday Concerns
  Lilia Zemunikova, European University at St. Petersburg; Irina Evseeva, European University at St. Petersburg
- Assessing The Past and Future Of Engineering Judgment
  Jonathan Weedon, Texas Tech University
- Facing “Agile” And “Project-Based” Organization: The Challenges Of Engineering Work In France
  Lindsay Ems, Butler University
- Challenges Of Engineering Work In France. Olga Lelebina
  ISG International Business School
- Role of Engineers: Based on the Data of Enterprise Investigation
  Chunping Liu, National Academy of Innovation Strategy, CAST; Daya ZHOU, National Academy of Innovation Strategy, China Association for Science and Technology
- Rebranding the Russian engineers during the 2000s modernization policy
  Nikolay Ivanovich Rudenko, European University at Saint Petersburg

Session Organizers:
Olga Bychkova, European University at St.Petersburg
Nikolai Rudenko, European University at St. Petersburg

Chair:
Olga Bychkova, European University at St.Petersburg

011. Violence and Security Assemblages in Urban Environments

Papers for Open Panels/Governing Security: Sociotechnical Assemblages and Contemporary Conflicts
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom
01. Digital Innovations and the Future(s) of Agriculture - I

Papers for Open Panels/Digital Innovations and the Future(s) of Agriculture

Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom

Participants:

Alternative Food Networks, Relocalisation And The Urban Food Provision Regime, Via The Multi Level Perspective. Raphaël STEPHENS, Institut National de la Recherche Agronomique; Marc Barbier, Institut National de la Recherche Agronomique

Building a “Better” Farmer: The Development of Data-Driven Agriculture Tools Rosemary Steep, Indiana University

New but for Whom? Discourses of Innovation in Digital Agriculture Emily Duncan, University of Guelph; Alex Giaros, University of Guelph; Eric Nost

Reshaping Swiss Agriculture Through A Peer-To-Peer Approach Léa Maria Stiefel, Unit: Alain Sandoz, IIUN

The stakes of data platforms. Holding onto digital innovation for French agriculture Mathieu Rajaoba, Mines ParisTech

Session Organizer:
Kelly Bronson, Department Of Sociology And Anthropology, University Of Ottawa

Ritwick Ghosh, New York University

02. Author Meets Critics: On Infertile Ground and Gender Before Birth

Closed Panels

Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom

03. 014. STS And Computational Knowledge Production In Policing And Criminal Justice - I

Papers for Open Panels/STS And Computational Knowledge Production In Policing And Criminal Justice

Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom

Participants:

To Predict and Manage BILEL Benbouzid, Université Paris Est Marne la Vallée

Predictive Policing as ‘Chain of Translation’ Simon Egbert, Technische Universität Berlin

Shifting Imaginaries. Mission creep and the material imaginaries of ALPR Thomas Linder, Queen's University, Kingston, Canada; Nikolaus Pöchhacker, MCTS, Technical University of Munich

Analysing Predictive Policing in a Rawlsian Framework Maitreyi Menon, FLAME University

Session Organizers:
Simon Egbert, Technische Universität Berlin
Nikolaus Pöchhacker, MCTS, Technical University of Munich
Thomas Linder, Queen's University, Kingston, Canada

Chairs:
Jens Hälterlein, University of Freiburg
Fieke Jansen, Cardiff University

05. 016. The Master’s Tools: Innovation, Interruption, and Regeneration as Technologies of Whiteness

Closed Panels
### 017. Dancing The Anthropocene: Envisioning Rituals, Bodies, Environments And Political Situatedness Through The Lens Of Dance - I

**Papers for Open Panels/Dancing The Anthropocene - Envisioning Rituals, Bodies, Environments And Political Situatedness Through The Lens Of Dance**

**Open Panel**
8:00 to 9:30 am

**Sheraton New Orleans Hotel: Floor Eighth Floor - Iris**

**Participants:**
- Mediating Difference, Deviance, and Resistance through Artistic Animation within Dance and 3D Virtual Worlds
- Sybrina Atwater and Atwater, Georgia Institute of Technology

**Session Organizers:**
- **Gloria Baigorrotegui**, Institut de Estudios Avanzados - Usach
- **Flavio D'Abramo**, MPIWG Berlin

**Chair:**
- **Annika Capelán**, Independent/Aarhus University

**Discussant:**
- **Jennifer Sedell**, University of California, Davis

### 018. Situated Ethics and Normativities in Knowledge Making and Communities of Practice - I

**Papers for Open Panels/Situated Ethics and Normativities in Knowledge Making and Communities of Practice**

**Open Panel**
8:00 to 9:30 am

**Sheraton New Orleans Hotel: Floor Eighth Floor - Muses**

**Participants:**
- Developing an Ethical Framework for Robots for Care in a Children’s Hospital Núria Vallès, Universitat Autònoma de Barcelona; Miquel Domenech, Universitat Autònoma de Barcelona
- Doing Split Vision In End Of Life Care Vicky Singleton, Lancaster University
- Doing good – normativities in the margins of welfare Doris Lydahl, University of Gothenburg; Cecilia Hansen Löfstrand, University of Gothenburg

### 019. Interrupting Innovation: Pausing to Examine New Biotechnologies - I

**Papers for Open Panels/Interrupting Innovation: Pausing to Examine New Biotechnologies**

**Open Panel**
8:00 to 9:30 am

**Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway**

**Participants:**
- Biotechnologies in (or creating) a World without Barriers to Entry Todd Kuiken, North Carolina State University
- Examining synthetic biology’s entanglement with concepts of ‘the human’: the utility of taking stock Sophie Alexandra Rose Stone, University of Edinburgh
- Localizing CRISPR/Cas9? Re-Imagining Gene Editing as Tool for Small-Scale Agriculture in Bavaria Julia Feiler, Technical University Munich (TUM); Ruth Müller, MCTS TU München
- The CRISPR Question: Trajectories in democratizing, relocalizing, and restructuring the food system Maywa Montenegro

**Session Organizer:**
- **Maywa Montenegro**

**Chair:**
- **Jennifer Sedell**, University of California, Davis

**Discussant:**
- **Alastair Iles**, UC Berkeley
021. Innovative Academic Infrastructures: Digitalization, Collaboration, and Experimentation - I
Papers for Open Panels/Innovative Academic Infrastructures:
Digitalization, Collaboration, and Experimentation
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
A Kaleidoscopic Approach to Academia in the Global South
Maria Elissa Torres Carrasco, Kaleidos Center for Interdisciplinary Ethnography; Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Ecuadorian Academic Collaborations Carla Estrella, Universidad de Salamanca
Digital Dust – Studying and Engaging with Computer Sciences Studies in Northern Uganda Rene Ulauf, Martin-Luther University Halle
The Open Anthropology Lab: Encouraging Democratic and Innovative Languages, Formats, and Publics in Anthropology Giselle Figueroa, Laboratorio de Antropología Abierta
Scaling Barriers to Interdisciplinary Innovation: Beyond One-Size-Fits-All Approaches Mel Stanfill, University of Central Florida; Anastasia Salter, University of Central Florida
Session Organizers:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Chair: Alberto Eduardo Morales, University of California Irvine
Discussant: Michael A Fortun, University of California, Irvine

022. Text-Based Machine Learning, Big Data, And The Social Study Of Science - I
Papers for Open Panels/Text-Based Machine Learning, Big Data, And The Social Study Of Science
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Abstraction and Gender Bias in Dissertation Writing Sebastian Munoz-Najar Galvez, Stanford University; Bas Hofstra, Stanford University
Measuring The Rise Of Inequality In Science Globally With Topic Models And Networks Charles Jonathan Gomez, City University of New York, Queens College; Sebastian Munoz-Najar Galvez, Stanford University
When the Choice of Classification Hardly Makes a Difference Linda Sile, University of Antwerp; Raf Guns, University of Antwerp; Frédéric Vandermoere, University of Antwerp; Tim Engels, University of Antwerp
Funding Agencies and the Formation of Innovative Subdisciplines Steve Elliott, Arizona State University; Kimberly A. Scott, Arizona State University; Elizabeth Wentz, Arizona State University
Session Organizer: Charles Jonathan Gomez, City University of New York, Queens College
Chair: Charles Jonathan Gomez, City University of New York, Queens College
Discussant: Sebastian Munoz-Najar Galvez, Stanford University

023. Gender, Bodies, And Robots In Everyday Life
Papers for Open Panels/Gender, Bodies, And Robots In Everyday Life
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
Auto Incomplete: Technology Gender and Bias Ajmal Mubarik, Centre for Social Ethics and Policy
Better Than A RealGirl: Embedded and Embodied Gender Stereotypes in Sex Robot Technology Ellen Kaufman, Indiana University Bloomington
Human and Erotic Doll as Companion Species? Deborah Blizzard, Rochester Institute Of Technology
Rethinking the Uncanny Valley: Feelings of Eeriness, Diversity/Mutation, and Performativity Kuan-Hung Lo, Virginia Tech
Sex robots: the transformative risks of intimate relationships Wang Mingyu, +86 13051776630
Session Organizers:
Kuan-Hung Lo, Virginia Tech
Heerin Lee

024. Automation, Skill and Identity in an Age of AI - II
Papers for Open Panels/Automation, Skill and Identity in an Age of AI
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Automation, Skill, and Gender in the German Financial Industry: A Historical Case Corinna Schlombs, Rochester Institute of Technology
Building customer understanding : the deal of chatbots and designers Charlotte Esteban, Université Toulouse 2 Jean Jaurès
Tacit Knowledge and Automation: An Ethnographic Account of Retail Banking in India Soumyo Das, International Institute of Information Technology, Bangalore; Bidisha Chaudhuri, International Institute of Information Technology Bangalore
Automating the Biological: The Future as Resource and Practice in Digital Biology Annie Hammang
Distrust for Human Judgment: Aspiration for Automated Decision in Japanese Nuclear Risk Governance Kohta Juraku, Tokyo Denki University
Session Organizer: Soumyo Das, International Institute of Information Technology, Bangalore
Discussants:
A. Aneesh, University Of Wisconsin, Milwaukee
Yarden Katz, Harvard University
Pei LI
Cathy Robinson, CSIRO

025. Queer Elements
026. Cryo-innovations: Life in the Age of Artificial Cold
Papers for Open Panels/Cryo-innovations: Life in the Age of Artificial Cold
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
- How informatics propagates the informatics of domination Jess Tran, McGill University
- Queer Experiments and Chemical Intimacies: HIV Prophylactics in and around Bangkok Tim Quinn, Rice University, Department of Anthropology
- The Queerness of Not-Quite Parrots Jean M Langford, Univ. Minnesota
Session Organizer:
Juno Salazar Parrenas, The Ohio State University

027. Risk Government: Putting Industries Back in the Analysis of Science-based Regulatory Tools - II
Papers for Open Panels/Risk Government: Putting Industries Back in the Analysis of Science-based Regulatory Tools
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
- Anatomy of an Egg Freezing Infomercial: Where “Our Fertility, Ourselves” Meets “Fertility (A)ware” Party Rajani Bhatia, University at Albany, SUNY
- Gametes Move Across Borders- Forefront of Reproductive Tourism Minori KOKADO, Osaka University, Japan
- "The price of cryo-insurance' Itziar Alkorta, University of the Basque Country
- The temporalities of cryo-insurance: frozen ovarian tissue, folded futurity and past selves Anna Sofie Bach, University of Southern Denmark
- Freezing Seeds, Governing Biodiversity: The Cryopolitics of Natureculture at the Svalbard Global Seed Vault Franziska von Verschuer, Goethe University Frankfurt/Main
Session Organizer:
Anna Sofie Bach, University of Southern Denmark
Chair:
Charlotte H. Kroløkke, University of Southern Denmark

028. Scenarios Beyond Imagination - II: Are There Techn(olog)ical Outcomes of Crises?
Papers for Open Panels/Scenarios beyond Imagination: Anticipation Devices Facing Real-world Crises in STS and Economic Sociology
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
- Crisis Management in a Newly Computerized Financial Market Pierre Fink, Columbia University
- Resilience Governmentality: Toward a Genealogy of Systemic Risk Regulation Onur Ozgude, Northwestern University
- Re-staging Human Interference Scenarios – Contemporary Art Performance as Critical Anticipation Device Andy Weir, Arts University Bournemouth
- The Temporal Order of Expectations. Short- and Long-Term Expectations around the Great Recession Olivier Pilmis, CNRS - Centre de Sociologie des Organisations
Session Organizers:
Olivier Pilmis, CNRS - Centre de Sociologie des Organisations
Valerie Arnhold, Sciences Po
Chair:
Valerie Arnhold, Sciences Po

029. The Future Will be Terrible
Papers for Open Panels/The Future will be Terrible
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
- Adapting for Climate Change Through CRISPR Crops and Automated Aerial Applications J.P. DeMeritt, Texas Woman's University
- BountyBunny: making health insurance work for everybody Emanuelle Burton, University of Illinois at Chicago
- SwipeRight™ Jenny L Davis, The Australian National University
- Taking the Guesswork out of Medical Crowdfunding Martha Lincoln, San Francisco State University
- The Revolution Will be Mobile: Introducing the 5G phoneplan Corinne Cath-Speth, Oxford Internet Institute
Session Organizer:
Joan Donovan, Harvard Kennedy
Chair:
Ranjit Pal Singh, Cornell University
Discussant:
Christopher Kelty, UCLA

030. Journalism, STS and the Anthropocene
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Session Organizer:
Scott Knowles

031. Engineers: Makers of the World or Cogs in the Machine?
II: Engineers, Local Knowledge and Sustainable Communities
Papers for Open Panels/Engineers: Makers of the World or Cogs in the Machine?
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
Grounded infrastructures: postcolonial genealogies of technoscientific knowledge in water engineering Niranjana Ramesh, University College London
Tales from the Field: Indigenous-led pathways to Technological Stewardship Marisol Campos-Navarrete, Trent University; Mark Abbott, Engineering Change Lab; Arlene Williams, Engineering Change Lab; Melanie Goodchild, University of Waterloo; Dan Longboat, Trent University; Taylor Wilkes, Indigenous Environmental Institute, Trent University
Responsible Engineering, Socio-technical Systems, and Resilient Communities Juan Lucena, Colorado School of Mines
Forest fires and new climate regime: Interrogating the production of knowledge and valuation of the environment in forest engineers in Chile. Tomas Undurraga, Sociology Department
Privacy by Developers: Localizing Algorithms in the Global World of Practice Rivka Ribak, University of Haifa
Session Organizers:
Olga Bychkova, European University at St. Petersburg
Nikolai Rudenko, European University at St. Petersburg
Chair:
Nikolai Rudenko, European University at St. Petersburg

032. Feminist, Decolonial, Indigenous STS: An Authors Meets Critics Panel
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Session Organizers:
Deboleena Roy Roy, Emory University
Laura Foster, Indiana University - Bloomington
Chair:
Sandra Harding
Discussants:
Sushmita Chatterjee, Appalachian State University
Jennifer Hamilton, Hampshire College
Rachel C Lee, UCLA Center for the Study of Women
Anne Pollock, King's College London
Banu Subramaniyan, University of Massachusetts Amherst

033. Digital Innovations and the Future(s) of Agriculture - II
Papers for Open Panels/Digital Innovations and the Future(s) of Agriculture
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
A private forecast service for agriculture? Commercializing different regimes of data production to organize farming processes Jeanne Oui, EHESS
Big Data and the Country Air: Sprayer Drones as Mediators of Volumetric Agriculture Francisco Klausner, Neuchâtel University

034. Presidential Roundtable: 4S Affiliations and Ecologies
Closed Panels
Special Event
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Session Organizers:
Kim Fortun, University of California Irvine
Joan Fujimura, University Of Wisconsin-Madison
María Belén Albornoz, FLACSO Latin American Social Studies Faculty
Noela Invernizzi, Universidade Federal do Parana
Hsin-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies
Ulrike Felt, University of Vienna, Department of Science and Technology Studies
Chair:
Kim Fortun, University of California Irvine

035. Intimate Surveillance: Collecting People as Data
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Biotechnology and Bio Citizenship along the U.S.-Mexico Border Melissa Villa-Nicholas, University of Rhode Island
The “Good Female Spy”: Virtual Assistants, Domesticity, and White Femininity Miriam Sweeney, University of Alabama
Identifying “Trap Doors”: The Gendered Surveillance of Transgender People’s Online Embodiment Jeannie Austin, San Francisco Public Library
Love in the Time of Surveillance Capitalism: How Algorithms are Reshaping Our Intimate Online Spaces Sava Saheli Singh, University of Ottawa
Session Organizer:
Melissa Villa-Nicholas, University of Rhode Island

036. STS And Computational Knowledge Production In Policing And Criminal Justice - II
Papers for Open Panels/STS And Computational Knowledge Production In Policing And Criminal Justice
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Accountability By Design In Predictive Policing? A Comparative Study Of Socio-technical Arrangements In The Netherlands And UK Henry Lawrence, Leiden University; Vlad Niculescu-Dinca, Leiden University

Cloud Computing Theodore J Dryer, University of California, San Diego
The Peasant and her Smartphone: mechanization and digitization in rural Myanmar Hilary Faxon, Dept of Development Sociology, Cornell University
Session Organizers:
Kelly Bronson, Department Of Sociology And Anthropology, University Of Ottawa
Ritwick Ghosh, New York University
Discussant:
Matt Comi, University of Kansas
037. 4S At Play: Video Game Studies In STS - II
Papers for Open Panels/4S At Play: Video Game Studies In STS Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Choosing (Outer) Space to Play: Technical Affordances of Space-Themed Video Games Alexander John Daniel Mirowski, Indiana University
Degamification or non-use of an educational innovation? The other side of labor with games. Victor Potier, Université Toulouse 2 Jean Jaurès
From Vygotsky to Dosvox: a study on the evolution of games for people with disabilities in the 20th century Flavia Ernesto de Oliveira da Silva Alves, Scholars; Denise Cristina Alvares Oliveira, Federal University oh Rio de Janeiro - UFRJ
Sociotechnical Changes in the French Video Game Industry: A Biographical Perspective Vinciane Zabban, Paris XIII University / LabEx ICCA; Hovig Ter Minassian, Tours University, CITERES
Video Games' Slide-Projector Progenitor: Economic Simulation Games of the 1960s Patrick R Davison, Data & Society
Power, Knowledge, and Video Game Design: NBA2k Kory Alex Riemensperger, University of Pittsburgh

Session Organizer: Alexander John Daniel Mirowski, Indiana University

038. Ethnic Studies and STS: Connections, Interruptions, Innovations
Papers for Open Panels/Ethnic Studies and STS: Connections, Interruptions, Innovations Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Grand Couteau
Participants:
Checking the Second Box: The Missing History of Ethnicity
Yen Ji Julia Byeon, National Human Genome Research Institute; Chistopher Donohue, National Human Genome Research Institute; Vence L. Bonham, National Human Genome Research Institute
Making Latinx Makers Hector Beltran, MIT
Posthuman Possibilities on Multiple Levels: A Black Queer Non/In/human Future Teresa L Hoard-Jackson, Indiana

Session Organizer: Seth Erickson, Penn State University

039. Dancing The Anthropocene: Envisioning Rituals, Bodies, Environments And Political Situatedness Through The Lens Of Dance - II
Papers for Open Panels/Dancing The Anthropocene - Envisioning Rituals, Bodies, Environments And Political Situatedness Through The Lens Of Dance Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Data Sonification for Dancing the Anthropocene Gretchen Bakke, Humboldt University, Berlin; Nicholas King, McGill University
Dancing with the Environment as Epistemic Practice Mariaenrica Giannuzzi, Cornell University - German Studies
Dancing at the End of the World: Choreographies of Time and Uncertainty Charli Brissey, University of Michigan - Ann Arbor

Session Organizers: Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach Flavio D’Abramo, MPIWG Berlin
Chair: Annika Capelán, Independent/Aarhus University
Discussant: Jennifer Monson, University of Illinois

040. Interrupting Open Science: Use, Reuse, and Misuse of Research Data and Code
Papers for Open Panels/Interrupting Open Science: The Use, Reuse, and Misuse of Research Data and Code Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
How I learned what a research parasite was Andrew Staver Hoffman, iHub, Radboud University Nijmegen
Open Science as a Value-Driven, Cyberinfrastructure Supported Ethos Johanna Cohoon, UT Austin School of Information Who pays the costs of free and open-source scientific software? R. Stuart Geiger, UC-Berkeley Institute for Data Science; Dorothy Roe Howard, UC San Diego Department of Communication & Design Lab; Lilly Irani, University of California, San Diego; Nelle Varoquaux, University of California, Berkeley; Alexandra Paxton, University of Connecticut; Chris Holdgraf, University of California, Berkeley
Open Pedagogy in Practice: Use and Reuse of Open Textbooks in California Natascha Chena
The Use, to Use and the User: A Production of “Uses” from Action to Actor Maxime Harvey, Université du Québec à Montréal (UQAM)

Session Organizers: Seth Erickson, Penn State University Irene Pasquetto, UCLA
041. Situated Ethics and Normativities in Knowledge Making and Communities of Practice - II
Papers for Open Panels/Situated Ethics and Normativities in Knowledge Making and Communities of Practice
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Obligations Towards ‘Good’ Sciences: Philosophy Involved In Clay And Word-Work
  Sonja Jerak-Zuidere, Amsterdam Medical University Centers | Dept. General Practice | Section Medical Ethics
- Open to Interpretation: Values, Contestation, and Convergence in Community Biology Collectives
  Andrew Ian Murray, University of California, Santa Cruz
- The Cut-off Problem: Epistemic Controversy and the Situated Ethics of Healthcare Rationing
  Sarah Widmann, The Danish Center for Social Science Research; Vinati Martinus Hauge, The Danish Center for Social Science Research
- Troubling the Uncertain Boundary between Research and Clinical Care: What Role Should ELSI Research Play?
  Jennifer James, University of California, San Francisco; Galen Joseph, University of California, San Francisco
- What a Mediminder Does: Arranging Autonomy Through Technologies of Care
  Adrianna Munson, Sociology, Columbia University

Session Organizer:
Doris Lydahl, University of Gothenburg

042. Interrupting Innovation: Pausing to Examine New Biotechnologies - II
Papers for Open Panels/Interrupting Innovation: Pausing to Examine New Biotechnologies
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Bringing the public to the editing table: governance of new genome editing tools in Norway
  Marit Svingen, Norwegian University of Science and Technology (NTNU)
- “Democratizing” Biotechnology: Institutional Constraints on Participatory Governance in Genetic Engineering
  Jose Molina, University of California Berkeley; Gordon Pherrio, Mr.
- Designing for Ambivalence: The Role of Extension Services in Public Interest Theory and Action
  Abraham Tidwell, University of Georgia; Alexa Lamm, University of Georgia
- Genetic Frontiers for Conservation: An Assessment of Synthetic Biology and Biodiversity Conservation Kent
  Redford, Archipelago Consulting; Todd Kuiken, North Carolina State University; Thomas Brooks, International Union for Conservation of Nature
- Risk & Innovation: An Interpretive Policy Analysis of DTC Genetic Health Test Regulation
  Hined A Rafeh, Rensselaer Polytechnic Institute

Session Organizer:
Maywa Montenegro
Chair: Jennifer Sedell, University of California, Davis
Discussant: Phillip Macnaghten, Wageningen University

043. The Curable & The Incurable
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
- From Passing as Normal to Becoming Normal: Cochlear Implants in Urban India
  Michele Friedner, The University Of Chicago
- ‘Blood does not Show as Much on Dark Skin’: Amputations and Artificial Limbs in British India, 1850-1910
  Aparna Nair, University of Oklahoma
- The Incurables
  Laurence Tessier, Centre National de la Recherche Scientifique
- At the Limits of Cure: A History of Tuberculosis in India (in Three Parts)
  Bharat Jayram Venkat, University of Oregon

Session Organizer:
Michele Friedner, The University Of Chicago
Chair: Bharat Jayram Venkat, University of Oregon
Discussant: Matthew Wolf-Meyer, Binghamton University

044. Innovative Academic Infrastructures: Digitalization, Collaboration, and Experimentation - II
Papers for Open Panels/Innovative Academic Infrastructures: Digitalization, Collaboration, and Experimentation
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
- Analyzing ‘the Screenome’: A New Framework for Hyper-Contextual Critical Digital Research
  Andrew Arthur Fitzgerald, Stanford University
- Culture Values of Russian Engineers Through the Lens of the Social Networking Service
  Roman Vyacheslavovich Maliushkin, European University at St. Petersburg
- Tapping into Science: University Research Alliances, Technological Breadth, and New Product Development
  Kremena Slavova, Collegio Universitario de Estudios Financieros, Madrid; Simcha Jong, Leiden University
  Luis Bernardo Weyk, Instituto Venezolano de Investigaciones Científicas
- Two Interactive Roles Boost China's Science Popularization:
  Shu Xue, Chinese Academy of Science and Technology for Development; Guangxi He, Chinese Academy of Science and Technology for Development; Wenxia Zhang, University of Wisconsin-Madison
- From the Communication of Science and Technology to the Appropriation of Knowledge in Intercultural Contexts
  Xenia Anaid Rueda Romero, Universidad del País Vasco; Juan Carlos García Cruz, Arizona State University

Session Organizers:
Alberto Eduardo Morales, University of California Irvine
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
045. Rethinking Health Professions in the 21st Century: Innovations, Interruptions, and Regenerations
Papers for Open Panels/Rethinking Health Professions Education in the 21st Century: Innovations, Interruptions, and Regenerations
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:
- Electronic Medical Record as a Trigger of Sociotechnical Controversies Pablo Ignacio Hermansen, Pontificia Universidad Católica de Chile; Matías Valderrama; Martin Tironi
- Medical Education Research and the Limits of Objectivity Kelly Underman, Drexel University
- Medical Training as a Transformative Experience: A Novel Perspective for Dehumanization in Medicine Marcia Villanueva Lozano, UNAM
- New Technology as a Catalyst in the Transformation of Medical Specialties Ann Lennarson Greer, University Of Wisconsin-Milwaukee
- Precision, Probability, and Uncertainty: Engaging with experimental medicine in the context of terminal cancer Michael Halpin; Dagoberto Cortez, University of Wisconsin - Madison
Session Organizers:
- Kelly Underman, Drexel University
- Alexandra Vinson, University of Michigan

046. Text-Based Machine Learning, Big Data, And The Social Study Of Science - II
Papers for Open Panels/Text-Based Machine Learning, Big Data, And The Social Study Of Science
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
- A Critical Examination of Computational Social Science Karen Y Huang, Harvard University; Peaks Krafft
- Data-Driven Philosophy of Scientific Change Muhammad Ameer ul Azeem Sarwar, University of Toronto; Patrick Fraser, University of Toronto
- Standing on the shoulders of the shuffling giants: Empirical Analysis on Post-Retraction Citation seokkyun woo, Georgia Tech
- Making Attention Regimes Visible: An Exploration of Triggers and Patterns of Collective Attention Using Wikipedia Nicolas Baya-Laffite, Institut des sciences sociales, Université de Lausanne; Boris Beaud, STSLab, Université de Lausanne; Ogier Maitre, STSLab, Université de Lausanne
- Memecracy : Shaping Public Opinion Through WhatsApp Data Infrastructure Henry Chavez, PUCE; Jacqueline Gaybor, Erasmus University Rotterdam; Denis CHAVEZ, École Pratique des Hautes Études - CHArt - France
Session Organizer:
- Charles Jonathan Gomez, City University of New York, Queens College
Chair:
- Sebastian Munoz-Najar Galvez, Stanford University
Discussant:
- Sebastian Munoz-Najar Galvez, Stanford University

047. Embodied Narratives of Health, Self, and Knowledge
Single Paper Submission
053. Heterogeneity, Humility and Hegemony: Reflections on Engineering Life

Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B

Participants:
- Testing rationality in synthetic biology Pablo Schyfter, Science, Technology and Innovation Studies, The University of Edinburgh
- Humility and synthetic biology Jane Calvert, Edinburgh University
- Grand challenges for heterogeneous engineering Emma Frow, Arizona State University
- Buying into the linear model? Hypocrisy and heterogeneity in the governance of synthetic biology Robert David Jonathan Smith, University of Edinburgh; Thokozani Kamwendo, University of Edinburgh
- Whose future? The perils of deliberate democracy and synthetic biology Deborah Scott, University of Edinburgh

Session Organizer:
Emma Frow, Arizona State University
Discussant:
Gary Downey, Virginia Tech

054. Latin American Entanglements of Gender, Sexuality, Race, Ethnicity, Coloniality - I

Papers for Open Panels/Latin American Entanglements of Gender, Sexuality, Race, Ethnicity, Coloniality: STS Innovations, Interruptions and Regenerations
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C

Participants:
- Constructing Subjects at Sexual Risk in Mexico City HIV Prevention Regimes César Torres Cruz, Laboratorio de Estudios de la Ciencia y la Tecnología, UNAM; Edna María Suárez Díaz, Profesora-investigadora, Facultad de Ciencias, UNAM, Mexico.
- Mosquitoes, precarity, and the dismantling of the healthcare system: the making of Brazilian science / science in Brazil in the search for global health solutions Luisa Reis Castro, Massachusetts Institute of Technology (MIT)
- Symposiis with CeSaM: making with menstrual blood stem cells in a Brazilian Biophysics laboratory Daniela Tonelli Manica, Unicamp - Brazil
- Capturing spirituality: anthropological study about the spiritual dimension of health on scientific medical research Rodrigo Toníol, Unicamp

Session Organizer:
Sandra Harding
Chair:
Sandra Harding
Discussant:
Anticipating the security threat from gene editing technique CRISPR Sonia Ben Ouagrham-Gormley, George Mason University

Reimagining security governance for science and emerging technology Samuel A Weiss Evans, Tufts University

Trusting Infrastructure: The Emergence of Computer Security Incident Response, 1989-2005 Rebecca Slayton, Cornell University

‘Paper Tiger’ or ‘Real Tiger’? Chinese Cold War Civil Defence
Kathrin Heilmann, KCL

Session Organizer: Kathleen Vogel, Prof.
Chair: Kathleen Vogel, Prof.

058. Advocating for Science in Contemporary States of Authoritarianism - I
Papers for Open Panels/Advocating for Science in Contemporary States of Authoritarianism
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A

Participants:
From Golden Age To Dangerous Subversives: Argentinian Science Under Frail Democracies And Military Regimes (1955-1973) Lucia Cespedes

Science in an Authoritarian Context. Power Shifts, Changing Agendas and the Loss of Science as It Was Hebe Vessuri, Independent researcher; Damny Laya, State University of Campinas (UNICAMP)

The Neoliberal - Conservative Transformation Of The Scientific and Technological Research Council of Turkey Esma H. Celebioglu, George Mason University

A Market of Black Boxes: The Russian Internet Industry of Censorship and Surveillance Ksenia Ermoshina, CNRS; Benjamin Loveluck, Télécom ParisTech; Francesca Musiani, CNRS

Session Organizer: STS IstanbuLab, Research Platform
Chair: Duygu Kasdogan, İzmir Kâtip Çelebi Üniversitesi
Discussant: Aybike Alkan, Koç University

059. Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction - I
Papers for Open Panels/Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B

Participants:
Altered States of Ontology: Hallucinogenic Psychiatry, Psychedelic Fascism, and Acid Communism William James Guerrero, University of California, Santa Cruz

Biomedical HIV Prevention, Risk And New Possibilities For Sexual Pleasure Nathanael Wells, Monash University

Drugs as Technologies of the Self: Enhancement and Transformation in LGBTQ cultures Kiran Pieniaar, University of Sydney; Dean Anthony Murphy, University of Sydney

Session Organizer: IstanbulKatipÇelebiUniversity
Chair: IstanbulKatipÇelebiUniversity

Papers for Open Panels/Organizing Technoscientific Capitalism: Epistemic Values, Practices & Assets
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:
Cannibalizing Capital: Disruption as rhetoric, practice and process Devika Narayan, University of Minnesota

Grants and Epistemic Values, Practices & Assets Jane Bjorn Vedel, Copenhagen Business School

"How many jobs has your research created?" Enacting value from Norwegian biotechnology research Gisle Solbu, Norwegian University of Science and Technology; Heidrun Am, Norwegian University of Science and Technology

Investment ‘Heat Maps’ and Other Devices For Knowing and Performing High-Tech Investment. Jacob Hellman

Social Organization of Work in Academic Labs in the Biomedical Sciences: Transformation through Competition Annalisa Saloni, Independent Scholar, formerly University of Pennsylvania

Valuating people: recruitment and selection professionals in Chile Javier Hernandez, Universidad Catolica de Temuco

Session Organizers: Jane Bjorn Vedel, Copenhagen Business School John Grant Gardner, Monash University, Australia Kean Birch, York University
Chair: Kean Birch, York University

061. STS Underground - I: Mining Knowledge Practices
Papers for Open Panels/STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants:

Mining the Sky Elisabeth Graffy, Arizona State University

Know, Measure, and Control: Epistemic and Technopolitical Practices in the Global Project to Eliminate Mercury Use in Artisanal Gold Mining Sebastian Rabiano-Galvis, University of California, Berkeley

When environmental legacy becomes a resource: On the entanglement of valorization and knowledge practices Alena Bletcher, Helmholtz Centre for Environmental Research - UFZ, GmbH; Martin David, Helmholtz Centre for
Environmental Research - UFZ; Henriette Rutjes, Helmholtz Centre for Environmental Research - UFZ

Session Organizers:
Jessica Mary Smith, Colorado School of Mines
Abby Kinchy, Rensselaer Polytechnic Institute
Roopali Phadke, Macalester College

Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants:
Down Syndrome, Prenatal Diagnosis, and Parent Responses
Emer Lucey, University of Wisconsin-Madison
Rethinking Professional Identity and Roles: Genetic Counselors and Disability Advocacy
Andrew J Hogan, Creighton University
Managing Possible Familial Disability: Provider and Parent Strategies in the Cell-free DNA Screening Context
Aleksa Owen, University of California, Berkeley
A Boon for Advocates or a New Eugenics? The Uncertain Implications of Non-Invasive Prenatal Genetic Testing
Daniel Navon, University of California, San Diego
Experiences and Perceptions of Prenatal Testing in East Asia: from a Gender-based Perspective
Hyunsoo Hong, Meiji Gakuin University

Session Organizers:
Daniel Navon, University of California, San Diego
Andrew J Hogan, Creighton University
Discussant:
Rayna Rapp, New York University

063. The Social Life of Algorithms - I
Papers for Open Panels/The Social Life of Algorithms
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants:
Computable Metaphors: Ontologies, Materialities, Humanities, Informatics
Robert J Thornton, University of the Witwatersrand
Against Algorithm
Warren Sack, University of California, Santa Cruz
Becoming FAT: The Formation of Algorithmic Fairness, Accountability, and Transparency
Emanuel Moss, CUNY Graduate Center
Confused and Furious: Encountering Algorithmic Bias Against LGBTQIA Content on YouTube
Jingyi Gu, The Institute of Communications Research, University of Illinois Urbana-Champaign
How It Actually Works: Creator Imaginaries of the YouTube Algorithm as Recursive Governance
Thomas William Lewis MacDonald, Queen's University

Session Organizer:
Hugh Gusterson, George Washington University

064. Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm - I
Papers for Open Panels/Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm
Open Panel
1:15 to 2:30 pm

Sheraton New Orleans Hotel: Floor Eighth Floor - Iris

Participants:
Beyond Beautification
Monica Britt Hutton, Massachusetts Institute of Technology
Embrace the Waste: Reassessing Post-Mining Reclamation
John Baeten, Indiana University
Field Remediations: Salvage
Karolina Sobeka, University of Technology; Elzbieta Kowalska, Adam Mickiewicz University; Alexandra Skowronska, Adam Mickiewicz University
Resilience, Regeneration, and Other Systems of Aspiration
Tom Ozden-Schilling, Johns Hopkins University

Session Organizer:
Arn Keeling, Department of Geography, Memorial University
Chair:
Sebastian Ureta, Universidad Alberto Hurtado

065. Real-World Experiments for Knowledge Production - I
Papers for Open Panels/Real-World Experiments for Knowledge Production
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:
Real-World Experiments for Knowledge Production in the Military Context: A Case Study of Chinese Defending against Invasion of U-2 Fighters in 1950s-70s
Yongyang Yu, University of Chinese Academy of Sciences; Dazhou Wang, School of Humanities and Social Sciences, University of Chinese Academy of Sciences
Localizing Science: Creating, Legitimizing, and Distributing Knowledge in the Public Sphere
Maya Sanders, Rensselaer Polytechnic Institute
Aleksa Owen, University of California, San Diego
Yongyang Yu, University of Chinese Academy of Sciences; Dazhou Wang, School of Humanities and Social Sciences, University of Chinese Academy of Sciences

Chair:
Barbara Allen, Virginia Tech-National Capital Region Campus
Discussant:
Nona Schulte-Römer, Helmholtz Centre for Environmental Research - UFZ

066. Innovation, Biocapital And The Making Of Post-Genomic Medicine - I
Papers for Open Panels/Innovation, Biocapital And The Making Of Post-Genomic Medicine
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway

Participants:
From ‘janampatri’ to ‘genomepatri’: the (re) emergence of personalized medicine in India
Shashank Shekhar Tiwari, Canadian Institute for Genomics and Society
Precision Medicine and the Resurgence of Race in Genomic Medicine
Jonathan Kahn, Mitchell Hamline School of Law
Promising Precision Medicine for the Population: Case Studies
067. What STS Can Do: Innovations and Alternatives for STS Practice – I
Papers for Open Panels/What STS Can Do: Innovations and Alternatives for STS Practice
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
- Promises/predictions, practices and possibilities for action teaching or learning with STS Helen Josok Gansmo, STS/NTNU
- “Help Us Frame the Problem”: A Case Study of Public Sector Innovation Holly Okonkwo, Purdue University
- Innovation at the Intersection: Using STS to enable University – Technology Sector Collaboration James Smithies, King’s Digital Lab
- Lessons for what STS can do from the Futures Studies field Barbara Maria Bok, Swinburne University of Technology
- Helping Advanced STEM Students Find STS-Self: Barriers, Contextualization, Diversity, and Humility Jongmin LEE, University of Science and Technology, Korea

Session Organizer:
Zoe Nyssa, Purdue University

068. Lab Studies Reloaded? Machine Learning, Ethnography, and Critical STS
Papers for Open Panels/Lab Studies Reloaded? Machine Learning, Ethnography, and Critical STS
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
- Rebooting biology? Critical reflections on following automations and machine learning in synthetic biology Robert Meckin, University of Manchester
- The co-production of data-sharing norms: From the lab to CI-enabled data repositories and back again Sarah Elaine bratt, Syracuse University School of Information Studies
- The inadequacy of laboratory studies and the usefulness of interviews in artificial intelligence and robotics Vassilis Galanos, University of Edinburgh
- On the praxeology of perceptrons: Rebuilding “Mark I,” respecifying machine learning Philippe Sormani, University of Lausanne; Hunter Lange, California Art School
- Codiing in a lab: Toward a micro-sociology of computer programming Florian Jaton, CSI - Mines ParisTech

Session Organizers:
Florian Jaton, CSI - Mines ParisTech
Philippe Sormani, University of Lausanne

069. Unpacking Expertise - I: Data, the Digital, and Organizations
Papers for Open Panels/Unpacking Expertise - I: Data, the Digital, and Organizations
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
- Data (and) Science(s): The Double Movement of Continuity and Experimentation in Expertise Production Philipp Brandt, University of Mannheim
- Digital distrust theory: on the Internet, power, and expert authority crisis Magdalena Halina Góralska, Koźmiński University in Warsaw
- Expert identity in the science-based organizations Olga Lelebina, ISG International Business School; Claire Picque, Université Paris-Dauphine, PSL University
- Interdisciplinary as a Can Opener: Fragile or Reinvigorated Expert Roles in Interdisciplinary Research Centers? Silvio Suckow, WZB (Berlin Social Science Center)
- Reinventing Expertise in an Age of Platforms Shreeharsh Kelkar, University of California, Berkeley
- Trading Expertise in Machine Learning Markets Suzanne L. Thomas, Intel Labs

Session Organizer:
Paige Sweet, Harvard University

070. Classic STS Papers, Re-incorporated, Reimagined, Re-enacted - I
Papers for Open Panels/Classic STS Papers, Re-incorporated, Reimagined, Re-enacted - I
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Participants:
- Anticipated Events and Narrative Explanation in Science: A re-telling of “Warranting Scientific Belief” by Gilbert and Mulkay Matthew Cousineau, Auburn University
- Misundertood Misundertandings and the crisis of expertise: Re-reading and advancing Wynne's Classic Work Davide Orsini, Mississippi State University
- Reimagining the Material-Semiotic in Feminist Neomaterialisms and (Feminist) STS Anastassija Kostan, University of Frankfurt Germany
- Situated Thinking Henry M Cowles, University of Michigan

Session Organizers:
Sergio Sismondo, Queen's University
Nicole C Nelson, University of Wisconsin Madison

Chair:
Nicole C Nelson, University of Wisconsin Madison

Discussant:
Sergio Sismondo, Queen's University

071. Digital Border Practices - II
Closed Panels
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
- Challenging the Borders in Communication: Institutionalized Spaces for Migrants and Digital (covert) Ethnography

Papers for Open Panels/Towards Sustainability: Exploring Technologies, Models, Policies and Theories Between the Global North and Global South

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B

Participants:
European research politics, techno-scientific networks and a North-South comparison in the case of photovoltaics Efi Nakopoulou, National and Kapodistrian University of Athens; Stathis Arapostathis, National and Kapodistrian University of Athens
Toward Just Energy Transition: Alternative models of Distributed Generation Systems with Renewable Energy in Argentina Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes
Exploring the barriers and drivers in Solar Photovoltaic Technological Innovation System in India Amikumar Singh Akojam, Jawaharlal Nehru University (JNU) India
Converting waste to wealth in Nigeria: The Policy imperatives Rufai Rahim Abubakar, National Centre for Technology Management; Yusuff Shola, National Centre for Technology Management; Emmanuel Iroh, National Centre for Technology Management
Paying The Price for “Unjust” Global Transitions: The absence of Production and Workers in the recycling debate Aravindhan Nagarajan, School of Habitat Studies, Tata Institute of Social Sciences (Mumbai)
There is non-human life after death, but it’s also different, depending on where it occurs Marcos Fialho Carvalho, UFRJ - HC; José Antonio Borges, NCE/UFRJ; Eduardo Nazareth Paiva, EDUARDO NAZARETH PAIVA

Session Organizer: Santiago Garrido, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET
Chair: Gabriela Bortz, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET
Discussant: Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

074. Corporate Influence on Science and Regulation – II

Papers for Open Panels/Corporate Influence on Science and Regulation
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:
Corporate Networking: Philanthropic Foundations and the Promotion of Business Interests Marc-Olivier Déplaque, French National Institute for Agricultural research; Nicolas Larchet, Université du Havre; Thomas Depecker, French National Institute for Agricultural research
Regulations in Pharmaceutical Industry in India: Reflections from The Indian Parliament Deep Jyoti Francis, Jawaharlal Nehru University
Constructing a ‘green’ campus: co-shaping of environmental science, corporation, and public discourse at a polytechnic university Paul Stephen Gillis-Smith, Cal Poly State University, San Luis Obispo; Danielle Davis, Cal Poly State University, San Luis Obispo
"Ordinary people are asking for science". Lobbying strategies through pro-science movements in Europe Sylvain Laurens, EHESS Paris; Paul Guille Escuret, Paris 4 (GEMASS) - Aix-Marseille (VITROME)

Session Organizer: Boris Haaray, Inserm

075. Exploring Regional Innovation Cultures

Papers for Open Panels/Exploring Regional Innovation Cultures: Regional Diversity, Cultural Imaginations, and Social Cohesion in Innovation Theory and Practice
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood

Participants:
Conservative innovation cultures and the case of Bavaria Luise M Ruge, TU Munchen; Alexander Wentland, Technical University of Munich; Sebastian Michael Pfotenhauer, Technical University Munich
Cultural Epistemologies and Ecologies of Practice in Regional Environmental Disaster Resilience Innovation Policy and...
076. The Grey Zones of Illegality and Informality: Creativity, Cunning and Innovation
Papers for Open Panels/The Grey Zones of Illegality and Informality: Creativity, Cunning and Innovation
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
At the Margins: Expert patient subjectivities in the biomedical treatment of advanced cancer Shan Mohammed, University of Toronto
Do-it-Yourself Therapies For Type 1 Diabetes Self-Care And The Transformation Of Defined Social Roles Bianca Jansky, Ludwig-Maximilians-Universität Munich
Formality and Illegality: Ironies and Interpenetrations in Colombia Malcom Ashmore: Olga Restrepo, Universidad Nacional De Colombia
Illegal and the informal innovation in Latin America Javier Guerrero, Instituto Tecnológico Metropolitano de Medellín; Óscar Moreno-Martíenz, University of Edinburgh
Linking conceptualization and empirical understanding of Grassroots Innovations: evidence from the countryside Sazzad Parwez, School of Development Studies, Indian Institute of Health Management Research, Jaipur, India
Session Organizers:
Javier Guerrero, Instituto Tecnológico Metropolitano de Medellín
Óscar Moreno-Martíenz, University of Edinburgh

077. Advocating for Science in Contemporary States of Authoritarianism - II
Papers for Open Panels/Advocating for Science in Contemporary States of Authoritarianism
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:
Hydraulic Mission in Iran: A Case Study of Lake Urmia Elham Yousefnejad, 2nd year PhD student at Queen's University
Interrupting the Trump Administration's Contempt for Scientific Expertise David Caudill, Villanova University
Science and authoritarianism in India Aswathy Raveendran,

Birla Institute of Technology and Science Pilani, Hyderabad Campus
Session Organizer:
STS IstanbulLab, Research Platform
Chair:
Maral Erol, Isik University
Discussant:
Özgur Narin, Ordu University, Turkey

078. Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction - II
Papers for Open Panels/Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
A Good “Doctor” is Hard to Find: Assessing Uncredentialed Expertise in Assisted Injection Sarah Brothers, Yale University
Calculating the Herbal Toxicity: Aristolochic Acids Controversies and Epidemiology Researches of Herbs. PoHsun Chen, Division of Policy and Law, Institute of Public Health, National Yang-Ming University, Taipei Taiwan
Social Work of Substance: Interrogating the Underrepresentation of Substace Use Education in Canadian Social Work Curriculum Christopher B.R. Smith, Memorial University of Newfoundland
“We Need to Get a Psychologist”: Constructing Fetal Alcohol Spectrum Disorder and the Behavioral and Executive Functioning Aspects of Attention Danielle Kabella, ASU School of the Future of Innovation in Society
When Therapy Goes Rogue: A Qualitative Analysis of Health Providers’ Perspective Toward Buprenorphine/Naloxone Diversion Jia-shin Chen, Institute of Science, Technology and Society, National Yang-Ming University
Session Organizer:
Nancy D. Campbell, Rensselaer Polytechnic Institute

079. STS & Africa - I: Bodies and Biomedicine
Papers for Open Panels/STS Africa: Innovations, Interruptions, Regenerations
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Participants:
Disease as a site of trust and control in vaccine trials John Kojo Aggrey, Louisiana State University; Wesley Shrum, Louisiana State University
Hacking Prosthetic Devices and Subverting Western Logics of Cure in Uganda Vaia Yioula Sigounas, UNC-Chapel Hill
Lives in African Science: Boundary-work in Careers of Natural Science Researchers in Kenya Matthew Harsh, Cal Poly; Wesley Shrum, Louisiana State University; Ravish Bal, Concordia University, Montreal, Canada; Mark Joseph Schafer, Louisiana State University; Paige Miller, University of Wisconsin, River Falls
“When Things Fall Apart:” Genetic Return and Racial (Re)pair of American History in Cameroon Victoria Michelle Massie
080. Organizing Technoscientific Capitalism: Epistemic Values, Practices & Assets - II
Papers for Open Panels/Organizing Technoscientific Capitalism: Epistemic Values, Practices & Assets
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Asset, Patent, Lifesaver: The Multiple Ontologies of an Essential Drug
Stephen Nicola, University College Dublin
Susi Geiger, University College Dublin
Sarvnaz Lotfi, Virginia Tech

Capitalizing the ‘Measure of Our Ignorance’: Post-war Macroeconomics and the Accounting Treatment of R&D
Koichi Mikami, Keio University

Rent Seeking Attention Seeking: Indexical Governmentality in the Platform Space
Ulysses Pascal, Department of Information Studies, UCLA

Session Organizers:
Toluwalogo Odumosu, University of Virginia
Laura Foster, Indiana University - Bloomington

Discussant:
Tasha Rijke-Epstein, Vanberbilt University

081. STS Underground - II: Subterranean Timescapes
Papers for Open Panels/STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Remembering and Imagining the Underground: Contested Timescapes in Mining Conflicts
Erik Kojola, Davidson College

Chthonic Politics in Arkadia: Archaeological Past, Energy Futures, and Resource-Becoming
Nathaniel T Stanton, Rensselaer Polytechnic Institute - STS

The Lithium Trade in the Andes
Javiera Barandiaran, George Washington University

The rise of hyper-speculation in post-conventional energy futures
Magdalena Kuchler, Uppsala University

Strategic ignorance and politics of time: how expert knowledge framed shale gas policies
Sebastien Challeux, E2S UPPA

Whence Came the Hydrocarbons? Life, Petroleum Origins and Climate Futures
Sabrina Peric, University of Calgary

Session Organizers:
Jessica Mary Smith, Colorado School of Mines

082. Innovating Air Pollution Governance: Collaborations, Interruptions, and Regenerations - I
Papers for Open Panels/Innovating Air Pollution Governance: Collaborations, Interruptions, and Regenerations
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
Making Sense of Data through Collaborative Measuring of Air Pollution: Community Air Monitoring Negotiations in Taiwan
Wen-Ling Tu, National Chengchi University

Daily practices and experimentations. Materialistic pragmatic analyses: Contribution to the discussion on the air pollution of Coyhaique
Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

Satellite Remote Sensing of Air Pollution in the Andes: Collaborations in Public Health Policy
Dannilo Mejia, Kaleidos, Universidad de Cuenca - FLACSO Ecuador

Session Organizers:
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Katie Cox, University of California, Irvine
Rohit Negi, School of Global Affairs, Ambedkar University Delhi

Chair:
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography

Discussant:
Kim Fortun, University of California Irvine

083. The Social Life of Algorithms - II
Papers for Open Panels/The Social Life of Algorithms
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Medical and Public Health Algorithms as Colonizing Tools
Jorge Benavides-Rawson, George Washington University

Algorithms that Empower? ACS and the Future of Intelligence Analysis
Kathleen Vogel, Prof.

#Insta-Enivornment: Measuring the effects of Instagram's algorithm on climate change communications
DAVID CHRISTOPHER RHEAMS, The University of Texas at Dallas

Speed Cameras: An Appreciative Critique
Hugh Gusterson, George Washington University

The theater of algorithmic transparency in the french public sector
Loup Cellard, University of Warwick

Session Organizer:
Hugh Gusterson, George Washington University

084. Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm - II
Papers for Open Panels/Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
A critical analysis of the bioremediation of Amazon soils contaminated with petroleum
Nicolas Cuvi, FLACSO Ecuador

Session Organizers:
Abby Kinchy, Rensselaer Polytechnic Institute
Roopali Phadke, Macalester College
085. Real-World Experiments for Knowledge Production - II
Papers for Open Panels/Real-World Experiments for Knowledge Production
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:
Socio-economic Assessment on Sustainable Management of Mobile Phone Waste for the Recycling Sector in Nigeria
Johnson Ogijioyi Okohi, Institute of Engineering, Technology, and Innovation Management (METI), University of Port Harcourt;
Douglas G OMOTOR, West Africa Institute for Financial & Economic Management, Lagos/ Delta State University, Abrahi, Ni; Oluseye O. JEGEDE, African Institute for Science Policy and Innovation (AISPI), Obafemi Awolowo University, Ille-Ife, Ni; Clement O. AKHIMIE, Science Policy and Innovation Studies (SPIS-Enugu) Department, National Centre for Technology Manage
Crowd Research: From Resistance to Creating Alternative Influence Avenues. The Case of Mannitol and Parkinson’s
Shlomo Guzmen Carmeli, Dep’t. of Sociology & Anthropology, Bar-Ilan University; David A. Rier, Bar-Ilan University
Innovation Parliaments? Real-world experiments and the call for constituting social settings accordingly Stefan Böschen, RWTH Aachen University
An Experiment in Hybridizing Environmental Health Data for Community Empowerment and Policy Reach
Barbara Allen, Virginia Tech-National Capital Region Campus

Session Organizers: Barbara Allen, Virginia Tech-National Capital Region Campus
Mathias Gross, Department of Urban and Environmental Sociology, Helmholtz Centre for Environmental Research-UFZ
Meredith Sattler, Cal Poly San Luis Obispo

Chair: Meredith Sattler, Cal Poly San Luis Obispo
Discussant: Teun Zuiderent-Jerak, Athena Institute, VU University, Amsterdam

086. Innovation, Biocapital And The Making Of Post-Genomic Medicine - II
Papers for Open Panels/Innovation, Biocapital And The Making Of Post-Genomic Medicine
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottaway

Participants:
Bio-Infrastructures for Air Decontamination: Urban Forests and Car Traffic in Cuenca
Ronny Rafael Zegarra, Kaleidos - Centro de Etnografía Interdisciplinaria (Universidad de Cuenca & FLACSO Ecuador)
Pamela McElhene, Rutgers University
When forest conservation meets air pollution: a situated history of (de)contamination and (de)forestation in Valdivia, Chile.
Gustavo Blanco, Universidad Austral de Chile

Session Organizer: Sebastian Ureta, Universidad Alberto Hurtado
Chair: Arn Keeling, Department of Geography, Memorial University

087. What STS Can Do: Innovations and Alternatives for STS Practice – II
Papers for Open Panels/What STS Can Do: Innovations and Alternatives for STS Practice
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:
Building an STS of Practice & the Practice of STS
Snail Holmes on Belgrade Asphalt: Slow Mindfulness as Attention Training in Ethnographic Sensibility and Sciences
Marko Zivkovic, University of Alberta
Governing global, national and local scientific networks: the study of gene-edited human embryos in China
Larry Au, Columbia University
Possibilities and prohibitions in the post-genomic age: A case study of gene-edited human embryos in China
Sophia Rossmann, Technical University Munich (TUM); Georgia Samaras, MCTS TU München
People, Patients & Personal Organoids: Three Societies in Bioethical Research
Jochem Zuijdervijr, Leiden University

Session Organizer: Paul Martin, Department of Sociological Studies, University of Sheffield

088. Assembling Resilience - I
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

Participants:
Introduction to the Double Panel "Assembling Resilience"
Stephen Collier
Rating urban resilience
Savannah Cox, University of California, Berkeley
Watermarks: memory and flood insurance
Sarah Vaughn, UC Berkeley
Building resilient extraction: infrastructure and endangered species restoration in California’s Delta
Caleb Richard Scoville, UC Berkeley
Rain, Resilience and Expertise
Nataya Friedan, Stanford University
089. If...Elif...Else
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Post-rationality: Value Shifts and Technical Persistences in North American Design Theory
Theodora Vardouli, Peter Guo-hua Fu School of Architecture, McGill University
Computer-Aided Perspectives of Britain’s Modern Industrial Landscape
Moa Karolina Carlsson, University of Edinburgh
Manufacturing Networks: Computer Science in Industrial America
Devin Kennedy, Harvard, History of Science
Software as Narrative, City as Syntax
Daniel Cardoso Llach, Carnegie Mellon University
Session Organizers:
Moa Karolina Carlsson, University of Edinburgh
Theodora Vardouli, Peter Guo-hua Fu School of Architecture, McGill University

090. Unpacking Expertise - II: Authority, Politics, & the State
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
Postcolonial Ideals: Understanding Expert Communities in Institutionalised State Fisheries Science in India
AARTHI Sridhar Sridhar, Dakshin Foundation
Racial Vision: Sensory Perception, Authenticity and Photographing Expertise
Anna Katharina Mosha Skarpelis, Harvard University
The Taste for Expertise: Evaluation Culture and Struggle to Change the Mexican State
Luciana de Souza Leao, Columbia University; Diana Graizbord, University of Georgia
“We’re not trying to convince us”: Science, gay identity and the struggle for credibility in UK blood donor activism
Benjamin Joseph Fleming Weil, University College London
Where Health Comes From: Clinicians, Government, and “The People”
Lillian Walkover, Drexel University
Session Organizer:
Luciana de Souza Leao, Columbia University
Chair:
Paige Sweet, Harvard University

091. Classic STS Papers, Re-incorporated, Reimagined, Re-enacted - II
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Participants:
Edmund Abaka and the Diffusion of Kola: Modeling African Plant Diasporas and the Global Circulation of Knowledge
Abena Osseo-Asare
Returning To And Taking Up Classic ‘Studies’ Of Scientific Practice – A Domestication Of What?
Kornelia Engert, Johannes Gutenberg University Mainz, Institute of Sociology
Of Scallops and Mobile Phones: Fixity and Fluidity in an Academic Project to Train Health Workers in Kenya
Jade Vu Henry, Goldsmiths, University of London
Producing and reproducing knowledge: Tinkering on models with Karin Knorr
Sergio Sismondo, Queen’s University
Session Organizers:
Sergio Sismondo, Queen's University
Nicole C Nelson, University of Wisconsin Madison
Chair:
Sergio Sismondo, Queen’s University
Discussant:
Nicole C Nelson, University of Wisconsin Madison

092. Understanding Digital Culture: Useful Tools and Inevitable Elisions
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Big Data AI, the Interweb, and Political Affordances
Chris Hables Gray, Crown College, UCSC
Smart phone use: The role of paradox in the production of everyday life
Heidi Figueroa Sarrieria, University of Puerto Rico
The digital basis of new inequalities: The logic and functioning of digital institutions
Angel Gordo, Universidad de Complutense, Madrid
Digital Anthropocene: Responses to climate chaos in the e-novel, popular films and viral videos
Steven Mentor, Evergreen Valley College
Session Organizer:
Chris Hables Gray, Crown College, UCSC
Discussant:
Jonathan Soffer, New York University Tandon School of Engineering

093. Towards Sustainability - II: Exploring Paths for Transformative Socio-technical Change in the Bioeconomy and Natural Resources Management (Agriculture, Aquaculture and Food Production)
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
The “Participatory Certification for Forests”. A Socio-technical Analysis of a Technology for Social Inclusion in Argentina
Guillermo Martin Santos, Instituto de Estudios sobre la Ciencia y la Tecnologia; Rocio Sanchez Ugalde, Universidad Nacional de Santiago del Estero
Exploring Paths for Epistemic Diversity in Transformative Innovation Policy
Alejandro Balanzo, Universidad Externado de Colombia
The System of Rice Intensification: The challenges of technology selection for meeting the needs of the poorest farmers
Alicia Grace Harley, Harvard Kennedy School of Government
Negotiating policy, knowledge and productive agendas in the...
094. Latin American Entanglements of Gender, Sexuality, Race, Ethnicity, Coloniality - III

Papers for Open Panels/Latin American Entanglements of Gender, Sexuality, Race, Ethnicity, Coloniality: STS Innovations, Interruptions and Regenerations

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C

Participants:

Patents for all: a content analysis of an open-access dataset of Colombian patents 1930–2000 Julian David Cortes Sanchez, School of Management, Universidad del Rosario

Technology-based female entrepreneurs in Sao Paulo, Brazil Camila Dias Rigolin, Federal University of São Carlos (UFSCAR, Brazil)

Biomedical knowledge in Mexico during the cold war and its impact in pictorial representations of Homo sapiens and racial hierarchies. Erica Torrens, Universidad Nacional Autonoma de Mexico

Coexisting standardized packages facilitate collective action for competing visions of marine conservation Anastasia Compton Eluned Quintana, Duke University

Re-enacting The Chilean STS Community: Scientific Collaboration, Institutional Cleavages And Early Institutionalization In The Post-Transitional Chile Nicolás Sanhueza, P. Catholic University of Chile; Pedro Pablo Seguel, University of Texas at Austin; Martin Andrés Perez Comisso, SFIS - Arizona State University

Session Organizer: Sandra Harding

Chair: Sandra Harding

Discussant:
Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

095. Corporate Influence on Science and Regulation – III

Papers for Open Panels/Corporate Influence on Science and Regulation

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:

Ignoring by denouncing corporate influence francois dedieu, National Institute for Agricultural research

Who’s running plant genetic improvement in France: Overlapping interests of trade and politics Aicha Bourad, INRA UMR AGIR

Regulatory intermediaries in commercially-driven prenatal screening Kelly Holloway, University of Toronto; Fiona A. Miller, University of Toronto; Nicole Simms, University of Toronto

Influencing « policy options » at the OECD: The promotion of value-based pricing by pharmaceutical companies Pierre-André Javen, CNRS

Session Organizer: Henri Boullier, French National Institute of Health and Medical Research

096. Science Educations in/against Reactionary Times

Papers for Open Panels/Science Educations in Reactionary Times

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood

Participants:

Reinventing reality: Brazilian neofascism, anti-establishment discourse, and decentralized networks as laboratories of truth Tiago Chagas Soares, Universidade de Sao Paulo

The Fate of Trump’s Science Education: Continuities and Disruptions of the role of Science in STEM Matthew Weinstein, Univ. Of Washington-Tacoma

The Cruel Optimism of Neoliberal Ethics in Science Curricula: A Critical Appraisal Ajay Sharma; Elaine Margaret Alvey, University of Georgia

STSE (Science, Technology, Society and Environment) Education for Civic Action: Tensions in Action Research Nadia Qureshi, Ontario Institute for Studies in Education, University of Toronto; Sarah Halwany, OISE, University of Toronto; Minja Milanovic, Ontario Institute for Studies in Education, University of Toronto; Saya Padamsi, Ontario Institute for Studies in Education, University of Toronto; Madi Zouda, Ontario Institute for Studies in Education, University of Toronto; John Bence, Ontario Institute for Studies in Education, University of Toronto

Science Education in the Anthropocene(s) Jesse Thomas Bazzul, University of Regina; Maria FG Wallace, Millsaps College; Marc Higgins, University of Alberta

STEM Education <-> Right-wing Populist Politics John Bence, Ontario Institute for Studies in Education, University of Toronto; Lyn Carter, Australian Catholic University, Melbourne, VIC, Australia

Session Organizers:
Matthew Weinstein, Univ. Of Washington-Tacoma
John Bence, Ontario Institute for Studies in Education, University of Toronto

097. Knowing Democracy

Papers for Open Panels/Knowing Democracy

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen

Participants:

Infrastructuring democratic innovation: Networks, platforms, and observatories for translocal knowledge work on
098. Randomized Controlled Trials: The “Gold Standard” Between Theory and Practice
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
- Measuring Success: Debating Psychotherapy’s Value and the Role of RCTs in Assessing It, Mariana Craciun, Tulane University
- Articulating the “Value” of Healthy Volunteers to Drug Development, Jill Fisher, UNC - Chapel Hill
- Race, Space, and Design: RCTs as Concept, Practice, and Material Arrangement, Laura Stark, Vanderbilt University
Session Organizer:
Mariana Craciun, Tulane University
Chair:
Claire Decoteau, University of Illinois at Chicago
Discussant:
Claire Decoteau, University of Illinois at Chicago

099. Queering Stigma Embodied Innovations, Spoiled Identities
Papers for Open Panels/Queering Stigma, Embodied Innovations, Spoiled Identities
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:
- To identify as MSM or not: Dynamics between public health classification and gay men in the authoritarian regime of China, Chuncheng LIU, University of California San Diego
- Intersex, stigma, and queer uncertainty, David Andrew Griffiths, Surrey
- Making MSM: The Epistemological and Ethical Articulations of Data in HIV/AIDS Research and Intervention, Richard Karl Deang, University of Virginia
- The multiple functionalities of Pre-Exposure Prophylaxis (PrEP) in the online discussions of bareback sex by men who have sex with men (MSM), EMERICH DAROYA, Carleton University

Session Organizer:
Rory D Crath, Smith College
Discussant:
Rory D Crath, Smith College

100. Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction - III
Papers for Open Panels/Domains of Critical Drug Studies: Absent Pleasures and Risky Presents in Emerging Spaces of Harm Reduction
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Participants:
- Love and Hate in Narratives about Psychoactive Drugs Consumption and Users in Uruguay, Nancy Beatrix Calisto, Academic, University of the Republic (Uruguay);
- Maria Pilar Bacci, Universidad de la República; Andrea Clara Bielli, Universidad de la República; Gabriela Lilián Bruno, Universidad de la República; Lauren Predebon, Universidad de la República (Uruguay); Santiago Navarro, Universidad de la República, Uruguay
- Moralizing the Opioid Shortage: Race, Pain, and Interpretations of Resource Scarcity in an Urban Hospital, Alexandre E Brewer, University of Chicago
- Pharmaceutical Circulation Through Difference in Athens, Greece Taylor Bell, University of California, Davis
- Sharing is Caring?: “Legitimate Patients” and Informal Economies of Opioid Use, Alii Morgan, RPI
- The Opioid Crisis: Law and Stigma Constructing Outcomes, Christopher Patrick Caulfield, Rensselaer Polytechnic Institute (RPI)
Session Organizer:
Nancy D. Campbell, Rensselaer Polytechnic Institute

101. STS & Africa - II: Innovation and Mobilities
Papers for Open Panels/STS Africa: Innovations, Interruptions, Regenerations
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
- Alternative mobilephone concepts and web infrastructure and digital tools by illiterate Yoruba peoples in Benin Republic - Production of knowledge for communication and auto-learning by a Mobile Appl “JE M’EDUQUE” Aimé Dafon Ségla, Université d’Abomey-Calavi
- Appropriating Mobiles: How to Design Nigerian Mobile Phones, Toluwalogo Odumosu, University of Virginia
- From Paymaster to Postmaster: How South African biometric social assistance payment systems move between private and public, Natasha Vally, Department of Sociology, University of Cape Town
- Technological Competence-Building and Solar PV Development in Sub-Saharan Africa: An Endogenous Systems of Innovation Perspective, Ogundiran Soumonni, University of the Witwatersrand, South Africa
- Solar Possibilities: Electric Pastoralism And The Role Of Experimentation In Encouraging Innovation From Tanzania, Turner Adornetto, Ohio State University
Session Organizer:
Toluwalogo Odumosu, University of Virginia
Papers for Open Panels/Organizing Technoscientific Capitalism: Epistemic Values, Practices & Assets
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Cities Reimagined as Digital Platforms: Assetization of Urban Data and Civic Data Governance
Anna Artyushina, York University
Hospital Imaginaries in the New Health Bioeconomy
John Grant Gardner, Monash University, Australia
Innovation Science: Vehicle between commercial innovation and scientific research
Joakim Juhl, Aalborg University Copenhagen
Open Science’s Role in the Implementation of Private-Public Collaborations in the Montreal’s AI Ecosystem
Marius Senneville, Institut national de la recherche scientifique; Jonathan Roberge, Institut national de la recherche scientifique
Organizational Changes and Structural (Dis)advantages in Digital Economy: The Case of Latency in Financial Markets
Bo Hee Min, Copenhagen Business School
The formal Market
José Ossandón, Copenhagen Business School
Session Organizers:
Jane Bjørn Vedel, Copenhagen Business School
John Grant Gardner, Monash University, Australia
Kean Birch, York University
Chair:
Jane Bjørn Vedel, Copenhagen Business School

103. STS Underground - III: Sensing the Underground
Papers for Open Panels/STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Fracking the Anthropocene: Fracturing Landscapes, Knowledge and Power
Alice Owen, UNIVERSITY OF BRIGHTON
Getting Fracked: Gender Politics in Fracking Discourse
Kristen Abatis McHenry, Spelman College
If you smell something, say something!: sensing underground gas leaks in environmental justice organizing
Kai Bosworth, Institute at Brown for Environment and Society
Technics and Tactics of Anti-Pipeline Movements: Assessing Critical Technical Engagements with Oil and Gas Pipeline Projects
Kirk Jalbert, Arizona State University
Testing the Limits of Earthquake Science: Causation, Time, and Ethics in Oklahoma’s “Frack-quakes” Controversy
Lara Rodriguez, George Washington University
Underground, co-activity and safety
Elsa Gusquet, IRSN; Gwenaëlle Rot, Sciences Po Paris
Session Organizers:
Jessica Mary Smith, Colorado School of Mines
Abby Kinchy, Rensselaer Polytechnic Institute

Roopali Phadke, Macalester College
104. Innovating Air Pollution Governance: Collaborations, Interruptions, and Regenerations - II
Papers for Open Panels/Innovating Air Pollution Governance: Collaborations, Interruptions, and Regenerations
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
Small Sensors, Big Disruptions? Questioning Innovations in Air Pollution Monitoring
Prerna Srigyan, University of California - Irvine
The relative toxicity of PM2.5
Emma Garnett, King’s College London
Why not “just get a better map”? The counter-governance of air pollution against expertise.
Daniel Price, University of Houston, Honors College
Session Organizers:
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Katie Cox, University of California, Irvine
Rohit Negi, School of Global Affairs, Ambedkar University Delhi
Chair:
Maka Suarez, Kaleidos - Center for Interdisciplinary Ethnography
Discussant:
Kim Fortun, University of California Irvine

105. Technology and/in Racial Formations
Papers for Open Panels/Technology and/in Racial Formations
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Capital, state power, and racialization in 18th century information systems
Melissa Adler, Western University
Drownproofing: technology, race, and gender in understanding the conceptualization of bodies
Amanda Almeida Domingues, Cornell University
“Everything is a Recommendation”: Netflix and the Construction of Blackness Through Algorithms
Daniel Meyerend, University of Michigan
Nuclear Futures: Quantum Principles of Race in Ruth Ozeki’s A Tale for the Time Being
Keva X. Bui, University of California-San Diego
Racial Mixing and Matching: Gamete Donation, Family Formation, and Reproductive Choice
Alyssa Marie Newman, Harvey Mudd College
Tracing Change in Scientific Consensus: Testosterone, Race and Controversy in Prostate Cancer Research
Brandon Kramer
Session Organizer:
Renee Shelby, Georgia Institute of Technology

106. Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm - III
Papers for Open Panels/Remediating Remediation: Imagining Alternatives for Assessing and Redressing Environmental Harm
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
107. **Infrastructures of Innovation**

Single Paper Submission
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

**Participants:**
- **A Classification Of The Innovation Process Precipitated By The Rise Of Deep-Threat Multi-Use Technologies**
  - Jessica Glicken Turnley, Galisteo Consulting Group, Inc.; Diana Bull, Sandia National Laboratories; Sharon Deland, Sandia National Laboratories; Jeff Tsao, Sandia National Laboratories
- **Mass Entrepreneurship and Innovation in China: An index based comprehensive evaluation**
  - kang li, national academy of innovation strategy; CHEN HUANG, National Academy of Innovation Strategy; Da-Sheng Deng, national academy of innovation strategy, China association for science and technology
- **Mobilizing Technological State Capacities in Emerging Countries**
  - Jose Carlos Vaz, University of Sao Paulo

**Session Organizer:**
- **Sebastian Ureta**, Universidad Alberto Hurtado

108. **Innovation, Biocapital And The Making Of Post-Genomic Medicine - III**

Papers for Open Panels/Innovation, Biocapital And The Making Of Post-Genomic Medicine

109. **Interrogating Innovation in Global Digital Mental Health**

Papers for Open Panels/Interrogating Innovation in Global Digital Mental Health
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

**Participants:**
- **Artificial Intelligence's Impact on Mental Health Treatments**
  - Michelle Ausman
- **Tracing the Contours of Algorithmic Care: Logics of “Real-Time” Mental Health Interventions**
  - Elizabeth Kaziunas, AI Now Institute, NYU
- **160 Characters: Toward a Participatory, Interdisciplinary Approach to Evaluating Digital Mental Health Communities**
  - Nikita Simpson, SHM Foundation; Geordan Shannon, University College London; Anna Sorrel Kydd, SHM Foundation; Maurice Birioti, University College London; SHM Foundation

**Session Organizers:**
- **Marisa R Brandt**, Michigan State University
- **Charles Luke Alan Stark**, Massachusetts Institute of Technology (MIT)

110. **Assembling Resilience - II**

Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

**Participants:**
- **Governing Through Community: The Rise of the Community Resilience Hub in Miami**
  - Stephanie Wakefield, Florida International University
- **Designing Urban Futures: Technopolitical Landscapes of Resilience in Miami-Dade County**
  - Kevin Grove, Florida International University
- **Water That Can Wait: Resilience and the Infrastructures of Buffering**
  - Sayd Randle, University of Southern California
111. Digital Politics of Scholarship and Academia
Single Paper Submission

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown

Participants:
- Citing By Design: A Study of Citation Motivations in HCI
  Jordan Beck, Pennsylvania State University; Bikalpa Neupane, Pennsylvania State University; John M. Carroll, Pennsylvania State University
- Framework for an Open-Access, Graph-Based Curriculum in Medical Education
  Stephen P Winter, University of Chicago; Leah Brodsky, University of Chicago
- Towards understanding academia and digitalisation in their relationship of strong relationality
  Seppo Poutanen, University of Turku, Turku School of Economics

Session Organizer:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
Chair:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography

112. Unpacking Expertise - III: Boundaries, Technologies, & Translation
Papers for Open Panels/Unpacking Expertise
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu

Participants:
- The Bad Expert: Turning Points in Expertise Cultures
  Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
- Expertise and social policies: the use of microsimulation in the decision-making process
  Isalyne Stassart, Université de Liège / Institut Wallon de l'évaluation, de la prospective et de la statistique
- Doing expertise in transnational hospital settings
  Susan E. Bell, Drexel University
- The “Switch Point” and Meta-Expert Evaluation
  Jaakko Olavi Taipale, University of Helsinki
- Why do “trickster-scientists” appear in the aftermath of serious accidents and incidents caused by science and technology?
  Masashi Shirabe, Tokyo Institute of Technology
- The Language of Expert/Citizen Dialogue
  Andrew Feenberg, Simon Fraser University

Session Organizer:
Paige Sweet, Harvard University
Chair:
Luciana de Souza Leao, Columbia University

113. Presidential Plenary: On Beyond STS
4S Annual Meeting
Plenary Session

THURSDAY, SEPTEMBER, 5

114. Opening Reception
4S Annual Meeting
Reception
7:15 to 9:00 pm
Marché (Off-Site): Ballroom

115. “Smart Infrastructure” as Relational Practice: Cities, Nations and Corporate Strategies in Framing Future Cities
Papers for Open Panels/“Smart Infrastructure” as Relational Practice: Cities, Nations and Corporate Strategies in Framing Future Cities
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus

Participants:
- A smart city as an infrastructural future platform for enhanced quality of life: A story from South Korea
  Jun-hui SHEN, Changsha University of Science and Technology
- A Tale of Two Cities: Smart Cities in the US-China Trade/Tech War
  Sharon Tsai-Isuan Ku, University of Virginia
- Contesting 'smart' urban infrastructure ownership and control in Google/Alphabet’s Sidewalk Toronto experiment
  Andrew Clement, University of Toronto
- Corporate Expertise and Civic Good: A Critical Examination of Seattle’s Innovation Advisory Council
  Michael Katell, University of Washington (Information School)
- Data Competition In The Name Of Well-being: A Study On Neighborhood Committees' Translation Actions In “Smart Community” Construction
  Kathryn Barber, University of Toronto, Seattle’s Innovation Advisory Council
- Obstructing a smart citizenry?
  Michelle Ruiz

Session Organizer:
Sean Ferguson, Engineering and Society, University of Virginia

Papers for Open Panels/State Numerology: Conceptual and Ethnographic Engagements with Numbering Practices and Ontologies
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A

Participants:
- Counting indigenous population in Brazilian national censuses: Ethnic classification, counting practices and governance regimes
  Ricardo Ventura Santos, Fundacao Oswaldo Cruz; Bruno Nogueira Guimaraes, Fundacao Oswaldo Cruz; Alessandra Traldi Simoni, Universidade Estadual de
117. Humour As Topic, Discourse And Method For STS
Papers for Open Panels/Humour As Topic, Discourse And Method For STS
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
- Humour as performing community Stephen Woolgar, Univ. Oxford
- “Are We All In Great Confusion?”: Atomic Kitsch Within Science And Technology Studies Michael Édouard Laurentius, York University
- Endangered Butts and CoverMe: Pieties of Preparedness in Cancer Awareness Loren Gaudet, University of British Columbia
- Internet Memes: Politics and Post-truth Oliver Garretson, LSU Sociology
- Public Engagement Without The Public: Making Sense of Science Comedy Edward Bankes, UCL STS
Session Organizer: Edward Bankes, UCL STS
Chair: Benjamin Joseph Fleminger Weil, University College London

118. Transforming Early Academic Careers: Global Challenges and Individual Trajectories - I: Addressing Inequalities in Academic Careers
Papers for Open Panels/Transforming Early Academic Careers: Global Challenges and Individual Trajectories
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
- Peer Review. A Gender-Neutral Measure to Transparent Quality in Science? Felizitas Sagebiel, University of Wuppertal
- Interrupting Dominant Narratives and Addressing Erasures: Centering the Mentoring Experiences of Women Faculty of Color Cara Margherio, University of Washington
- Women in science: changes and challenges in China Mingyan Zhang, National Academy of Innovation Strategy, CAST
Session Organizer: Marie Sautier, University of Lausanne/Sciences Po Paris

119. Controlling Plants, Growing Environments - I
Papers for Open Panels/Controlling Plants to Grow Environments
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
- Civic Epistemology of Lichen as Visual and Biomonitor of Environmental Health Aja Grande, MIT
- To Kill or To Care?: Invasive Species Science, Local Knowledges, and Kudzu Garrett Bunyak

Preliminary Program May 22, 2019

“Mauvaises herbes”: Vegetal recalcitrance in the Plantationocene Jessica Caporusso Caporusso, York University
The Open Ecologies of Kelp: The Ocean Food and Energy Farm Project, 1974 to 1977 David Stentiford, Stanford University
Session Organizer: Alex Rewegan, MIT

120. 4S Publishing Committee Meeting
4S Annual Meeting
Business Meeting
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Session Organizers:
- Kim Fortun, University of California Irvine
- Joan Fajimura, University Of Wisconsin-Madison
- Ed Hackett, Brandeis University
- Daniel Lee Kleinman, Boston University
- Katie Vann, ST&IV/ESTS
- Hsin-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies
- Lesley J F Green, University of Cape Town
- Teun Zuidersent-Jerak, Athena Institute, VU University, Amsterdam
- Noela Invernizzi, Universidade Federal do Parana

121. How Should STS Address Inequality? As a Subject, a (Dis)Value? Theoretical and Empirical Perspectives - I
Papers for Open Panels/How Should STS Address Inequality? As a Subject, a (Dis)Value? Theoretical and Empirical Perspectives
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
- Inequality and Infertility in Iran: Assisted Reproductive Technologies and Masculinities Tara Asgarilaleh, University of Amsterdam
- A Central American perspective on global regulations on human genome editing, global markets and geopolitics Gabriela Arguedas, Universidad de Costa Rica
- An Analysis of the Social Function of the Folk Science and Technology Foundation under the Background of Civil Society lyu kewei, National academy of innovation strategy;CAST
- Archiving Disent: Community, Memory, and the Afterlife of Occupy Patrick Jones, University of Oregon; Laura E Strait, University of Oregon
- Cultural Influence in Science: Conversations with Indian Immigrants in the US Industrial Sector Roli Varma; Meghna Sabharwal
Session Organizers:
- Ana Maria Vara, National University of San Martin
- David Tyfield, Lancaster University
A Technology To Fix Football, And Beyond? Issue Mapping ‘VAR’ On Twitter During The WC2018 Carlos Frederico de Brito Andréa, Federal University of Minas Gerais (UFMG); Leonardo José de Lima Melgaço, Federal University of Minas Gerais

Making Your Bed And Lying In It: Smart Beds, Sleep Technologies, And The National Football League Sarah Barnes, Georgia Institute of Technology

Protect Our House: “Smart Security” and the 2019 Super Bowl Mary McDonald, Georgia Institute of Technology; Sarah Barnes, Georgia Institute of Technology; Nassim Parvin, Georgia Institute of Technology; Renee Shelby, Georgia Institute of Technology; Pragati Singh, Georgia Institute of Technology

Vulcanized Play: Three Stories of Dunlop Carlin Wing, Scripps College

Xs and Os and 0s and 1s: Sport’s algorithmic culture Jennifer Sterling, University of Iowa

Session Organizers:
Jennifer Sterling, University of Iowa
Mary McDonald, Georgia Institute of Technology

123. Infrastructures, Maintenance and Care - I
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A

Participants:
Infrastructuring for scientific data care as a neglected thing Karen S. Baker; Helena KARASTI, University of Siegen
Visibility without breakdown: inquiries, discoveries and knowledge in the maintenance of French water infrastructures Jérôme Denis, CSI - MINES ParisTech; Daniel Florentin, Mines ParisTech
Maintaining Infrastructure in Buka Island: Comparative Perspectives from a Highway and Garden Roads Marlit Rosolowsky, University of St Andrews
Layers of Abstraction and the Organization of Repair in High Performance Computing Benjamin Hayden Sims, Los Alamos National Laboratory

Session Organizers:
Jérôme Denis, CSI - MINES ParisTech
Fernando Dominguez, NYU
David Pontille, CNRS

Discussant:
Geoffrey C. Bowker, University of California, Irvine

Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:
Data Worlds and Public Health: Model-Building in the Global South Manjari Mahajan, New School University
More-Than-Global Health in Mozambique: the Many Transnationalisms of Medicine Across the Indian Ocean Ramah McKay, University of Pennsylvania
A Clinical South: Speculative Markets and Epic Storytelling in the Pan-African e-Network Vincent Duclos, Drexel

University
Entry and Functioning of Indian Pharmaceutical Firms in Francophone West Africa: An Understanding from the Malian Case Sauman Singh, Aix-Marseille School of Economics

Session Organizers:
Vincent Duclos, Drexel University
Ramah McKay, University of Pennsylvania
Chair:
Mathieu Quet, IRD
Discussant:
Jean-Paul Gaudilliére, Cermes3

125. Technoscience, Aesthetics, and the Senses - I
Papers for Open Panels/Technoscience, Aesthetics, and the Senses Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants:
Climate Mimesis: Copy and Contact in Climate Model Visualisations Tim Corballis, Centre for Science in Society, Victoria University of Wellington
Using the Body to Predict the Future Courtney Evelyn Ceeale, University of California, Los Angeles (UCLA)
Technological approximation and evocation of sensory impairment in media art projects. Jan Jakub Lorenz, Adam Mickiewicz University
The Fabric of Spacetime: a reflection on aesthetics, public engagement and scientific commodities Gabriela Barreto Lemos, Federal University of Rio Grande do Norte - Brazil
“VR Squared”: How sensory reality pods reconfigure “good healthcare” Dana Ivanova, Erasmus School of Health Policy and Management

Session Organizer:
Chris Hesselbein, Cornell University STS
Discussant:
Laura Forlano, Illinois Institute of Technology

126. Decolonizing Science: Where Have We Gotten To? - I
Papers for Open Panels/Decolonizing Science: Where Have We Gotten To?
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants:
The construction of a peripheral scientific agenda: human and medical genetics in Brazil Mariana Toledo Ferreira, Instituto Federal de Educação Ciência e Tecnologia de Goiás
The View from Pusa: Postcolonial Perspectives on Indian Agricultural Science Swati Sureka, National Science Foundation
Spoken but not heard? Indian and Chinese stem cell governance and challenges of decolonising science Joy Zhang, University of Kent
A gender perspective to re-think research excellence in the Global South Erika Kraemer-Mbula
Decolonizing Natural Hazards and Disaster Risk Research: The Case of Chile. Magdalena Gil-Ureta, P. Universidad Católica de Chile / Engineering School
Feminist science studies: East, West, and Science Education Deepika Bansal, PhD Student
127. Regeneration, Promises and Innovation in the Bioeconomy
Papers for Open Panels/Regeneration, Promises and Innovation in the Bioeconomy
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
- Translating Bioeconomy Promises into Practice: The US Case
  - Alastair Iles, UC Berkeley; Laura Devaney, Trinity College, Dublin
- Asset to Zero Waste: Innovation, Science and Technology for Circular Waste Bioeconomics
  - Nitha Palakshappa, Massey University; Sita Venkateswar, Massey University
- The Economics of the Bioeconomy: A new version of good economics?
  - Kristin Asdal, TIK, Centre for Technology, Innovation and Culture; Béatrice Cointe, University of Oslo
- Unicorn meat and the bioeconomy of future food
  - Richard Lane, Utrecht University; Mark H Cooper, University of California, Davis
- Designing Sustainability: The Limits of Technospatial Growth Imaginaries
  - Duygu Kasdogan, Izmir Katip Çelebi Universitesi
Session Organizer:
- Béatrice Cointe, University of Oslo

128. The Community Health Worker (CHW) Initiative: Responsive Engagement, Community Capacity and Emergent Health
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
- Policy is Destiny in Community Health: How Policy Decisions Drive Local Community Health Worker Employment.
  - Abel Chacko, State of Texas Senate Committee on Health Policy
- Community STEM Educators: Community Health as a Shared Science Project
  - Cara Shokler, University of Houston, Honors College
- School Nurses, Asthma, and Trust: Stories, Messaging, and Technology
  - Cindy Paz, University of Houston, Honors College
- Enabling Advocacy 1: For and Against Professionalization of Community Health Workers
  - Rosalia Guerrero, University of Texas School of Public Health
- Enabling Advocacy 2: Care Coordination and Community Inclusion
  - Donaji Stelzig, University of Houston, Honors College
- Vulnerability and Care in Community Health Work
  - Erica Fletcher, University of California, Irvine
Session Organizer:
- Daniel Price, University of Houston, Honors College

129. Social Constructions of Data and the Implications of Data Representation
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Preliminary Program May 22, 2019
Participants:
- Organizing for Data: Crafting Data Elements in the “Data-Driven” Hospital
  - Kathleen H Pine, Arizona State University; Melissa Mazmanian
- What’s in a Number?: Integrating Machine Learning into a Clinical Context
  - Madeleine Elish, Columbia University; Elizabeth Anne Watkins, Columbia University
- Data-Driven Representation in the Era of Big Data
  - Leah Horgan, University of California, Irvine
- Time as Data: Silicon Valley’s Quest for Temporal Optimization
  - Ingrid Erickson, School of Information Studies, Syracuse University; Judy Wajcman, LSE
Session Organizers:
- Ingrid Erickson, School of Information Studies, Syracuse University
- Kathleen H Pine, Arizona State University
Discussant:
- Carsten Osterlund

130. Citizen Science, Law and Policy - I
Papers for Open Panels/Citizen Science, Law, and Policy
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
- A Tale of Two Publics: Constructing Credible Data in Alberta, Canada
  - Sarah Blacker, Munich Center for Technology in Society, Technical University of Munich
- Atmospheric Politics and the Aporias of Citizen Science in India
  - Rohit Negi, School of Global Affairs, Ambedkar University Delhi
- But Is It “Safe?”: Water Quality Regulations, Citizen Science, and Power in the Flint Water Crisis
  - Ben Pauli, Kettering University; Michael Mascarenhas, University of California, Berkeley
- Citizen Science as/in Public Works: How Validating a Low Cost Air Monitoring Tool in a Sewage Treatment Plant Transformed its Metrics and Impact
  - Sara Wylie, Northeastern University; Garance Malivel, York University; Lourdes Annette Vera, Northeastern University
- “Reconstruction” After Fukushima: Citizen Scientists or Silent Voices?
  - Rina Kojima, Laboratoire Techniques, Territoires et Sociétés
Session Organizer:
- Aya Hirata Kimura, University of Hawaii

131. Queer Kids: Philosophical Issues in the Treatment of Trans and Intersex Children
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Embodiment, Trans Male Identities and Narrative: The Case of Original Plumbing
  - Bronwyn Wilson, University of Hawaii
- Looking Forward, Looking Back: The Sexual Futures of Trans Children and the Narratives of Trans Adults
  - J.R. Latham, Deakin University
- Securing Cisgendered Futures: Normalizing Heterosexuality within the “Disorders of Sex Development” Treatment Model for the Intersexed
  - Catherine Clune-Taylor, Princeton University
**132. Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice - I: Representing Disability**

Papers for Open Panels/Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice

Open Panel

*Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley*

8:00 to 9:30 am

**Participants:**
- Unconventional Bodies: Diversity, Kinship, and Medical Illustration Drew Danielle Belsky, STS Program, York University
- Imagination as an embodied craft Marisol Marini, University of São Paulo
- Sleep-Based Misfits: Chronotypes and the Use of Science and Technology for Advocating Chronodiversity Elizabeth Pattitsas, McGill University
- Wheels Of Justice: ADAPT’s Use Of The Wheelchair In Political Theater Emily Gordon, Harvard College

**Session Organizers:**
- Catherine Duchastel, STS Program, York University
- Drew Danielle Belsky, STS Program, York University

**133. Media Studies Interruptions of STS - I**

Papers for Open Panels/Media Studies Interruptions of STS

Open Panel

*Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus*

8:00 to 9:30 am

**Participants:**
- Examining Ecologies In STS And Media Studies Ned Prutzer, University of Illinois at Urbana-Champaign
- Epistemology of the Black Box: On Opacity and Visual Knowledge Theo Lepage-Richer, Brown University
- Speculative Media and Epistemic Change Katherine Buse, Dept of English / STS at UC Davis; Ranjodh Singh Dhalwval, University of California Davis
- Orphic Media: Listening, Attention, and Non-Informatic Mediation Mack Hagood, Miami University

**Session Organizer:** Juan Llamas-Rodriguez, University of Texas at Dallas

Chair:
- Juan Llamas-Rodriguez, University of Texas at Dallas

**134. When Infrastructures Fall Apart: Cuts and Ruptures in STS - I: Environment**

Papers for Open Panels/When Infrastructures Fall Apart - Cuts and Ruptures in STS

Open Panel

*Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown*

8:00 to 9:30 am

**Participants:**
- Data hiccups: Negotiating interruptions and disparities in global data infrastructures arne harms, U Leipzig
- In Technology, We Don't Trust: Political Economy of Water Infrastructure in Shimla ankur parashar, Indian Institute of Science Education and Research Mohali
- Operating failure, preventing breakdown: Irrigation infrastructure in Burkina Faso Janine Hauer, Humboldt...

**Session Organizer:**
- J.R. Latham, Deakin University

Chair:
- Meredith Jones, Brunel University London

**135. Speculation and Innovation in Digital Health - I**

Papers for Open Panels/Speculation and Innovation in Digital Health

Open Panel

*Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu*

8:00 to 9:30 am

**Participants:**
- FemTech: “Smart” Innovation or the Commodification of Women’s Health? Jessica Lee Mathiason, University of Maryland
- Migraine Buddy: The Profitability of Migraineurs’ Pain Christiana Robbins, University of Southern California
- Making Good(s): Digital Health, Speculation And Care Ipsita Ghosh, Syracuse University
- Innovating Biomedical Markets for Social Justice: Potential Limits of Technical Democracy to Reduce Inequality Ilaria Galasso, University College Dublin; Susi Geiger, University College Dublin
- “All power to the imagination!” Virtual Reality therapy in France: a therapeutic innovation between technology and care (2012-2017) Elsa Forner, EHESS (Paris, France)

**Session Organizer:**
- Ipsita Ghosh, Syracuse University

Chair:
- Ipsita Ghosh, Syracuse University

Discussant:
- Kadija Ferryman, Data & Society

**136. Activating Context: Data Ethics, Data Sovereignty, Data Justice**

Closed Panels

Traditional (Closed) Panel

9:45 to 11:15 am

*Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus*

**Participants:**
- Activating Decolonial Data Possibilities Michelle Murphy, University Of Toronto; Kristen Bos, University of Toronto
- Data and Justice in Jakarta Alessandra Renzi, Concordia University
- Counter-mapping government data systems Joanna Redden, University of Cardiff
- Held in Trust: Iot, Efficiency, and the Ethics of Big City Data beth coleman, University of Waterloo

**Session Organizer:**
- beth coleman, University of Waterloo

Discussant:
- Max Liboiron, Memorial University of Newfoundland and Labrador

**137. State Numerology: Conceptual and Ethnographic Engagements with Numbering Practices and Ontologies - II**

Papers for Open Panels/State Numerology: Conceptual and Ethnographic Engagements with Numbering Practices and
139. Transforming Early Academic Careers: Global Challenges and Individual Trajectories - II: Crafting the Academic Self
Papers for Open Panels/Transforming Early Academic Careers: Global Challenges and Individual Trajectories
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Crafting Careers in Experimental Particle Physics: Junior Researchers at the Large Hadron Collider Helene Sorgner, Alpen-Adria-Universität Klagenfurt | Wien | Graz
Walking the Tightrope: Precarious Intimacies and Intimate Precarities in Female Early Career Academic Narratives Charlotte Ann Morris, University of Sussex
„Enjoy the Struggle“ – Twelve Strategic Principles for Early Career Researchers, based on the Experiences of Female Career Researchers, based on the Experiences of Female Participants:
Ellan Spero, MIT & Station1
Innovation in Science and Technology Education at Station1
Whiteness, Security, and Control in North American Cannabis Alex Rewegan, MIT
Session Organizer:
Mascha Gugganig, Technical University Munich

140. Controlling Environments, Growing Plants - II
Papers for Open Panels/Controlling Environments to Grow Plants
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Making a Controlled Environment for Plants in the Phytotron, Biotron, and Algatron David Munns, John Jay College of Criminal Justice, CUNY
Artificial ecologies within the Botanic Garden – about the symbiosis between humans, plants and technology Franziska Dahlmeier, Hamburg University
Bringing Vertical Farming’s Founding Paradox Down to Earth Mark Bomford, Yale Sustainable Food Program
The Farmhand in the Machine: How Promise Configures Vocation Inside a Vertical Farm Wythe Marschall, Harvard University, Department of the History of Science
Whiteness, Security, and Control in North American Cannabis Alex Rewegan, MIT
Session Organizer:
Marie Sauzier, University of Lausanne/Sciences Po Paris

141. How Should STS Address Inequality? As a Subject, a (Dis)Value? Theoretical and Empirical Perspectives - II
Papers for Open Panels/How Should STS Address Inequality? As a Subject, a (Dis)Value? Theoretical and Empirical Perspectives
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
Gendered Sound - Gender Issues in Recording Industry QIUSHI Xu, Tsinghua University
Multi-Scale Ethics: Developing a framework for accounting for technology-driven inequality in AI. Melanie Smallman, University College London
The hidden costs of the energy transition: resisting lithium extraction in South America Ana Maria Vara, National University of San Martin; Erica Carrizo, National University of San Martin
Session Organizers:
Ana Maria Vara, National University of San Martin
David Tyfield, Lancaster University
Discussant:
Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

142. Knowing How to Know: Datifaction and Technologies of Authentication
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participating:
Authentication: a prologue Linda F Hogle, Univ Wisconsin-Madison
Meaningful Entropy, Costly Bits, Public Secrets, and Other Puzzles of Blockchain Knowledge Finn Brunton, New York University
Capturing minds: A Material-Discursive Reconstruction of Psychometric Instruments Marthe Schille-Rognmo, UiT The Arctic University of Norway; Ger Wackers, UiT The Arctic University of Norway
Individuals as authenticated data subjects – Visual analysis of health data architectures Karolina Snell, University of Helsinki
The Epistemic Authority of Data: On Doubt, Documentation and Authentication in Clinical Care Klaus Lindgaard Hoeyer, University Of Copenhagen

Session Organizers:
Linda F Hogle, Univ Wisconsin-Madison
Klaus Lindgaard Hoeyer, University Of Copenhagen

143. Science, Technology and Sport - II: Sporting Bodies and Technologies
Papers for Open Panels/Science, Technology and Sport
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A

Participants:
Exertion and escaping the holiday rationale: A study of long term cyclists Pedro Ferreira, IT University of Copenhagen
Fledgling data science: a study of the freelance football analytics community Gian Marco Campagnolo, University of Edinburgh
Raising the Boom: Constitutive Rules and Traumatic Brain Injuries in the NFL through Biomedicalization Declan James Abernethy, Georgia Institute of Technology
Race, Football, Trauma: Arguments for and Against the Preservation of American Football Jennifer Croissant, University Of Arizona
Illicit Bodies: Athlete Biological Passport Testing in Ethiopia Hannah Borenstein, Duke

Session Organizers:
Jennifer Sterling, University of Iowa
Mary McDonald, Georgia Institute of Technology

144. Infrastructures, Maintenance and Care - II
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A

Participants:
The art of the same: on the politics, ethics, and aesthetics of maintenance and repair at the Museum of Modern in New York Fernando Dominguez, NYU
Labour Power in the Repair Shop Valeria Graziano, Centre for Postdigital Cultures, Coventry University, UK; Kim Trogal, Canterbury School of Architecture
Maintaining the walls graffiti-free: infrastructure work, care, public order David Pontille, CNRS
Cultivating Lenin, the living sculpture Alexei Yurchak, University of California Berkeley

Session Organizers:
Jérôme Denis, CSI - MINES ParisTech

Papers for Open Panels/Antimicrobials in Livestock: Practices, Technologies, Markets and Regulations
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B

Participants:
Selling Antibiotics as Animal Feeds, Stabilizing Pharmaceutical Socio-technical Systems in France and UK post-1945. Delphine Berdah, Université Paris-Sud/Paris Saclay
The economic structure of professional expertise: how the veterinary drug market favors antibiotic use. Nicolas Fortané, INRA - IRISSO, Université Paris-Dauphine
Mapping and analysis of stakeholders involved in the supply chains of antibiotics in Lao PDR Marilène Poupaud, CIRAD, UMR ASTRE, Université de Montpellier, Montpellier, France; Vannaphone Phouthana, National University of Laos, Faculty of Agriculture, Vientiane, Lao PDR; Alessandro Patriarchi, Food and Agriculture Organization of the United Nations, Regional Office for Asia and the Pacific; B; Domingo Caro, Food and Agriculture Organization of the United Nations, Regional Office for Asia and the Pacific; B; Claire Khouy, CIRAD, UMR ASTRE, Université de Montpellier, Montpellier, France; Nathasit Tansakul, Kasetsart University, Faculty of Veterinary Medicine, Bangkok, Thailand; Flavie Luce Goutard, CIRAD, UMR ASTRE, Université de Montpellier, Montpellier, France
Caring for the collective(s)? Dairy cow health and antibiotic stewardship Richard Helliwell, University of Nottingham; Carol Morris, University of Nottingham
‘The test says it, so it is’: veterinary diagnostic practice, contextual knowledge and antimicrobials Henry Buller, University of Exeter
UK dairy antibiotic policies: a recalibration of dairy antibiotic ‘misuse and overuse’ as matter of concern stephanie begemann, PhD

Session Organizers:
Nicolas Fortané, INRA - IRISSO, Université Paris-Dauphine
Henry Buller, University of Exeter

146. Global Medicine from the South? Emerging Markets and Indian Ocean Medical Worlds - II
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:
Parallel Importation, Indian-Kenyan Relations and the Ghost of Illicit Flows Mathieu Quet, IRD
The Opening of a Chinese-Built Hospital in Niamey, Niger Fanny Chabrol, Centre Population & Développement, IRD
Measuring Mumbai’s Market and Counting Cotonou Coughs:
Tuberculosis Drug Sales Data in an Era of Unlikely Health Globalization And Leaky Global Health Metrics Andrew McDowell, Tulane University

Session Organizer: 
Vincent Duclot, Drexel University 
Ramah McKay, University of Pennsylvania

Chair: Ramah McKay, University of Pennsylvania

Discussant: Debjani Bhattacharyya, Drexel University

147. Technoscience, Aesthetics, and the Senses - II
Papers for Open Panels/Technoscience, Aesthetics, and the Senses Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants:
Making sense of values: Tasting and the naturecultures of Specialty coffee markets. Derly Tohanna Sanchez Vargas, Lancaster University
Tasting Technoscience: The Language of the Kitchen in Silicon Valley Anna Nguyen, Institut national de la recherche scientifique
Music Production In Practice - Technology And Emotion Katja Sara Pape de Neergaard, IT University of Copenhagen
“Objectifying the Face”: Visualization Technologies and Doctor-Patient Communication in Cosmetic Surgery Alka Menon, Yale University
Technique on Fleek: Digital Beauty Practices in the Age of Instagram Chris Hesselbein, Cornell University STS

Session Organizer:
Chris Hesselbein, Cornell University STS

148. Decolonizing Science: Where Have We Gotten To? - II
Papers for Open Panels/Decolonizing Science: Where Have We Gotten To?
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants:
Professionalisation Of Science In Britain: Role Of Indian Experience Sneha Sinha, Jawaharlal Nehru University
Social Studies of Science in a Brazilian Post-Graduate Program : The Many Dimensions of Subalternity Maria Cristina de Oliveira Cardoso, UFRJ - HCTE; Claudia Santos Turco, HCTE-UFRJ / FIOCRUZ; JULIANA COUTINHO OLIVEIRA, HCTE-UFRJ; Denise Cristina Alvares Oliveira, Federal University oh Rio de Janeiro - UFRJ; Eduardo Nazareth Paiva, EDUARDO NAZARETH PAIVA; Marcos Fialho Carvalho, UFRJ - HCTE; Flavia Ernesto de Oliveira da Silva Alves, Scholars; Ana Lúcia Faria da Costa Rodrigues, UFRJ/NCE
Decolonising knowledge from within: The case of UK medical cannabis Michael Barr, Newcastle University
Curing Leprosy: DDS and The Modern History of Leprosy Yiling Hung, National Tsing Hua University
In Terms Of Czech And South Korean Search Engine Technologies: Revisiting Googlobalization From Indigenous Perspectives Yoehan Oh, Rensselaer Polytechnic Institute
Internationalizing social sciences: on personal bonds Leandro Rodriguez Medina, Universidad de las Americas Puebla

Session Organizer:
Michael Barr, Newcastle University
Chair: Joy Zhang, University of Kent

149. Indigenous Knowledges and Technologies - I
Papers for Open Panels/Indigenous Knowledges and Technologies Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants:
Colonial Numbers in Indigenous Worlds: Statistical Appropriations and Native Demography Bruno Nogueira Guimarães, Fundacao Oswaldo Cruz; RICARDO VENTURA SANTOS, Fundacao Oswaldo Cruz; Alessandra Traldi Simoni, Universidade Estadual de Campinas
‘Earth Beings’ and Reproduction in the Southern Andes: A Cosmopolitics of Kinship Rebecca Melanie Irons, University College London
(Mis)translations: Reshaping Epigenetics and Decolonizing Methodologies with Native Hawaiian Knowledge and Communities Julie Chung, Harvard University
Gender Differentials in Indigenous Knowledge Utilization in Horticulture Value Chain: Insight from Southwest Nigeria Jumoke Adeye, Obafemi Awolowo University

Session Organizer:
Tiago Ribeiro Duarte, University of Brasilia
Chair: Claudia Magullanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

150. Science in the Public Sphere: Representation, Mediation, Interpretation
Single Paper Submission
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City

Participants:
Misconceptions Behind Visual Representations In The Teaching Of Evolution In Mexico Jordan William Cruz Castillo, Universidad Nacional Autónoma de México
From Cold War To Genomic Era: Visual Representations Of Genetics In Mexican High School Textbooks Marco Ornelas-Cruces, Universidad Nacional Autónoma de México
Representation of Science and Technology in Contemporary History Museums Jung-Ok Ha, National Museum of Korean Contemporary History
The Media Between Scientific And Public Controversies: The Case Of The 1793 Yellow Fever Epidemic Pablo Ariel Pellegrini, CONICET / Universidad Nacional de Quilmes
American Consumerism, Advertising, and the Social Construction of the "Diamond" Bryn Seabrook, University of Virginia
Rethinking the Changing Role of Science Museums in the United States: Based on Interviews with Curators Xiang LI, National Academy of Innovation Strategy, China; Xuan LIU, National Academy of Innovation Strategy, China; Jianquan MA, National Academy of Innovation Strategy

Session Organizer:
Yoonjung Lee, KAIST
Chair: Jung-Ok Ha, National Museum of Korean Contemporary History

151. Citizen Science, Law and Policy - II

Papers for Open Panels/Citizen Science, Law, and Policy
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:

Citizen Science and Climate Change Challenges: a study in Brazil Sarita Albagli, IBICT Brazilian Institute for Information in Science and Technology; Allan Iwama, Post-Graduate Program in Information Science/IBICT-UFRJ

Does citizen science make sense when co-producing knowledge with indigenous peoples? Jaime Paneque-Gálvez

Environmental Policy and Citizen Science: Conflict or Cooperation? Sharon Moran, SUNY - Environmental Science and Forests

Interpolating climate change geographical data: The ethics behind low-cost environmental governance and research in underresourced countries Edisson Fernando Patino, Kaleidos

Calculative Power In Data-Driven Environmental Governance Gregg Macey, Brooklyn Law School, Harvard STS Program; Amanda Giang, University of British Columbia; Morgan Edwards, University of Maryland

Session Organizer:
Aya Hirata Kimura, University of Hawaii

152. Uncovering Emotional Labor and Care Work in Gig Economy Systems
Papers for Open Panels/Uncovering Emotional Labor and Care Work in Gig Economy Systems
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway

Participants:

Airbnb and the Costs of Emotional Labor in Havana, Cuba David Nemer, University of Virginia

Balancing Emotional Labor, Autonomy, and Integration in the Cultural Intermediation of Indie Games Matthew Perks, University of Waterloo; Felan Parker, University of St. Michael's College

Does it Pay your Bills?: Mapping Financial Discrimination on a Sexcam Platform Antonia Hernandez, Concordia University

Searching for Community: Critical Re-evaluation of the Quantified Self as a Community Yuliya Grinberg

Session Organizers:
David Nemer, University of Virginia
Austin Lewis Toombs, Purdue University

153. Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice - II: Our Brains, Our Faces, Our Selves
Papers for Open Panels/Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:

Receiving An Anonymous Face: Face Transplant Patients and Professionals Struggling With the Anonymous Donation Policy in France Marie Le Clainche Piel, EHESS - Centre d'Étude des Mouvements Sociaux

Account/Ability: Disability and Agency in Deep Brain Stimulation Rebecca Monteleone, SFIS - Arizona State University

Session Organizer:
Anne Dippel, Friedrich Schiller University of Jena

154. Media Studies Interruptions of STS - II
Papers for Open Panels/Media Studies Interruptions of STS
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus

Participants:

Taking Competitive Advantage: GANS and the Inherent Ethics of Al Kris Fallon, University of California, Davis

Visual Media, Mobilization, and (the Absence of) Race in Popular Representations of Medicine Drew Holladay, University of Maryland, Baltimore County

“Chinese Elm 1030595… (or can I call you Dale??)”: Interspecies Communication, Intimacy, and Response-ability Maria Soledad Altrudi, University of Southern California; Cristina Dunbar-Hester, University of Southern California; Kate M. Milner, University of Southern California

Digital Technologies of Consent Josef Nguyen, The University of Texas at Dallas

Session Organizer:
Alenda Chang, University of California, Santa Barbara
Chair:
Kris Fallon, University of California, Davis

155. When Infrastructures Fall Apart: Cuts and Ruptures in STS - II: Experiment
Papers for Open Panels/When Infrastructures Fall Apart - Cuts and Ruptures in STS
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown

Participants:

Analytical comparison of two physics research fields Maria Nedeva, University of Manchester; Maria Karaulova, The University of Manchester; Duncan Thomas, Nordic Institute for Studies in Innovation, Research and Education (NIFU)

Another Infrastructure is Possible? Experiments in Open Hardware for Research Infrastructures at CERN Luis Felipe Murillo, UCLA

Fading fringes, failing experiments Lukas Mairhofer, Institute of Physics, University of Vienna

How To Infrastructure Reflexivity? Séverine Marguin, Technische Universität; Cornelia Schendzielorz, Deutsches Institut für Wissenschafts und Hochschulforschung/Humboldt Universität zu Berlin

Session Organizers:
Anne Dippel, Friedrich Schiller University of Jena
Lukas Mairhofer, Institute of Physics, University of Vienna
Chair:
Arne Harms, Institute of Anthropology - University of Leipzig

156. Speculation and Innovation in Digital Health - II
Papers for Open Panels/Speculation and Innovation in Digital Health
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
“The TB Paradox”: Knowledge Practices and Politics in a Transnational Mass Tuberculosis Screening Caleb Klipowicz, The University of Iowa
Collect, curate, care. Sociotechnical health data infrastructures and the creation of data citizens Susanne Oechsner, University of Vienna; Ulrike Felt, University of Vienna, Department of Science and Technology Studies
Making health data into an epistemic consumption object: An Israeli case-study Eran Fisher, Open University of Israel; Zeev Rosenhek, Open University of Israel
Sustainable data ecosystems for digital health; empowerment and values in nordic platforms John Mark Burnett, IT University of Copenhagen
Session Organizer:
Ipshita Ghosh, Syracuse University
Chair:
Mikaela Pitcan, Fordham University
Discussant:
Mikaela Pitcan, Fordham University

157. Data Ethics, Data Sovereignty, Data Justice Workshop
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Session Organizer:
beth coleman, University of Waterloo

158. ST&HV Journal Meeting
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Session Organizers:
Ed Hackett, Brandeis University
Katie Vann, ST&HV/ESTS

159. Transforming Early Academic Careers: Global Challenges and Individual Trajectories - III: Entanglements of Care and Academic Work
Papers for Open Panels/Transforming Early Academic Careers:
Global Challenges and Individual Trajectories
Open Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Carers and Careers in Higher Education Marie-Pierre Moreau, Anglia Ruskin University
Caring for the Carers: Entangling Domestic and Doctoral Practices Martin Oliver, UCL Institute of Education; Richard Freeman, UCL Institute of Education; Iman Azzi, UCL Institute of Education; Zachery Spire, UCL Institute of Education
“Having children is academic production too”: motherhood in the neoliberal university Vinícius Kauê Ferreira, Ecole des Hautes Etudes en Sciences Sociales; Fernanda Azeredo de Moraes, Ecole des Hautes Etudes en Sciences Sociales
Session Organizer:
Marie Sautier, University of Lausanne/Sciences Po Paris

Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Session Organizer:
164. Undergraduate Program Welcome Session
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Session Organizer:
Alison Kenner, Drexel University
Chairs:
Amy Kuritzky, Rice University
Hined A Rafeh, Rensselaer Polytechnic Institute

165. Making and Doing
Making and Doing Presentation
Making and Doing Session
1:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer
Participants:
A Cordial Invitation to the Table of Elements Courtney Addison, Victoria University of Wellington; Thao Phan, University of Melbourne, Australia; Timothy Neale, Deakin University
Air pollution in real time in Cuenca & New Orleans in 2019 Paola Estefanía Galarza, Kaleides - Centro de Etnografía Interdisciplinaria (Universidad de Cuenca & FLACSO Ecuador)
An Installation of Interactive Birdhouses Representing Historical Structures in Atlanta Communities Udaya Lakshmi Tattamangalam Ananthanarayanan, Georgia Institute of Technology; Hugh Crawford, Georgia Institute of Technology; Yonatan Weinberg, Georgia Institute of Technology
An Interactive History of Atomic Science as a Situated Practice Aditya Anupam, Georgia Institute Of Technology
Aquatic Fabulations on the Schuykill: Speculative Bodies of Translation Greg Sieber, Drexel University Center for Science, Technology & Society; Steven Hammer, St. Joseph's University
Are We Data? David Moats, Linköping University, Tema-T (Tema Technology and Social Change); Elizabeth Rose McFall, University of Edinburgh
A Rough Sketch on Thermoregulation, Technology, and the American Pika Maya Livio, University of Colorado
Atlanta Map Room: Documenting the Disjunctions between Civic Data and Lived Experiences Yanni Alexander Loukissas, Georgia Institute of Technology; Jude Mvenda Niabatibia, Georgia Tech; Jihan Sherman, Georgia Tech
A trial of communication platform for co-creation of social agendas concerning emerging science and technology Mikhito Tanaka, Waseda University; Noel Kikuchi, National Graduate Institute for Policy Studies; Daisuke Yoshinaga, Waseda University; Ken Kawamura, Seijo University; Go Yoshizawa, Oslo Metropolitan University; Ryuma Shineha, Seijo University
Bales of Amber - Exploring Humanity and Ecological Disasters Jennifer Anne Bourke, Rensselaer Polytechnic Institute
Critical Design Lab Contra* Podcast Aimi Hamraie, Vanderbilt University; Leah Samples, University of Pennsylvania
DUST : Communicating Indeterminacy Akshita Sivakumar, University of California at San Diego
Enquiry Machine Making Factory Kat Jungnickel, Goldsmiths, University of London; Julien McHardy, Mattering Press
Feeling It: Creating Techniques of Embodied Knowledge with Virtual Reality Experiences Kara E Miller, California State University, Long Beach
Find Your Fit Gabi Schaffzin, UC San Diego
Helium Futures Katherine Ball, Arizona State University; Kirk Kalbert, Arizona State University
Imagining Other Internets Dawn Walker, Faculty of Information, University of Toronto
Innovation And The Elephant Turner Adornetto, Ohio State University
Inquisitive Fabric: Fashioning A Response To The Ever-Present Gaze Of The Smart City Pragati Singh, Georgia Institute of Technology
Interrupting Conventions: artLAB as an innovative research and teaching format Regula Valérie Burri, HCU - HafenCity University Hamburg
LabHack: A New Way to Equip Africa’s Science Laboratories Louise Bezuidenhout, Institute for Science Innovation and Society
Linocut Practice and Politics Natasha Vally, Department of Sociology, University of Cape Town
Machinations Zachary Shane Kalish Blair, None
Making And Doing With Microbes: A Fermentation Laboratory Mathaeas Rest, MPI for the Science of Human History; Salla Sariola, University of Helsinki
Making Core Memory: Crafting Legacies of Women in Innovation Samantha Shorey, University of Washington; Daniela Rosner, University of Washington
Making Graphic Cancer Comics: Collaboration, Drawing, Reflection, and Joy in Medical Education. Cora Olson, Virginia Tech Carilion School of Medicine
Mining for the Future: Blockchain, Renewable Energy, and Extractive Assemblages in Iceland Zane Griffin Talley Cooper, University of Pennsylvania, Annenberg School for Communication; Kyle Cassidy, University of Pennsylvania; Katie Gressitt-Diaz, Rutgers University, School of Communication and Information
Multimter: A Participatory Mood & Mental Map Of 4S Arlco Ducao, MIT & NYU
Multispecies Worldbuilding Lab Elaine Gan, New York University
Narrating Anthropocenes Scott Knowles
Nonlinear Jen: A Visualization Jennifer J Henderson, Cooperative Institute for Research in Environmental Sciences
Nuestros Suelos: A Toolkit for Turning Chilean Degraded Soils into Matters of Concern Sebastian Ureta, Universidad Alberto Hurtado; Miriam Llona, Suelo Sustentable NGO; Delia Rodriguez, Universidad del Desarrollo; Daniel Valenzuela, Universidad Santo Tomas; Camilo Rodriguez, Universidad del Desarrollo; Maria Jose Maiza, Universidad del Desarrollo; Jorge Luis Mora, Suelo Sustentable NGO; Abby Kinchy, Rensselaer Polytechnic Institute
On Boundary Work And Professional Audition: Reconciling Production Values In Multivalent Recording Spaces Enongo Lamumba-Kasongo, Cornell University, Department of S&TS
Ornamentalism: The Migrations and Translations of Japanese Knotweed sam smiley, AstroDime Transit Authority
Parallel City: Rethinking Economic Futures Maryam
166.  Data Centers and Disposability

Closed Panels

Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus

Participants:

Ecologies of Disposability: Work in the Shadow of Data Centers
Vicki Mayer, Tulane University

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Platform Logic meets Data Centers: the Strategic Value of Disposability
Jean-Christophe Plantin, London School of Economics and Political Science

Recent Experiments With the Creation of Subsea Saltwater Data Centers in the Pacific Ocean
Tonia Sutherland, University of Hawai‘i at Mānoa

Digital Development and Imperial Debris
Alix Johnson, Queen’s University

Disposable Data Spaces and Data Ruins
Julia Velkova, University of Helsinki, Finland

Session Organizers:
Jean Christophe Plantin, London School of Economics and Political Science
Julia Velkova, University of Helsinki, Finland

Discussant:
Brian Beaton, Cal Poly

167.  Feeding the Anthropocene: The Promises of Agro-Food Tech and The Difference of Food - I

Papers for Open Panels/Feeding The Anthropocene: The Promises Of Agri-Food Tech And The Difference Of Food
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A

Participants:

Food is not code: The tech sector meets agri-food exceptionalism
Kathryn Teigen De Master, University of California, Berkeley; Charlotte Biltekoff, UC Davis; Julie Guthman, University of California, Santa Cruz

Agrarian Dreams for Salmon Aquaculture
Sarah Martin, Memorial University, Canada; Charlie Mather, Department of Geography, Memorial University; Christine Knott, Memorial University, Canada; Dean Bavington, Memorial University, Canada

Feeding the world through vertical farming: potentials, prophecies and pitfalls of a high-tech solution in the food industry
Mascha Gugganig, Technical University Munich

Platforms of Plenty? Data Imaginaries in U.S. Agriculture
Susanne Friedberg, Dartmouth College

Session Organizer:
Charlotte Biltekoff, UC Davis
Discussant:
Madeleine Fairbairn, University of California, Santa Cruz

168.  Assembling Caring Geographies: How do Regions Care?

Papers for Open Panels/Assembling Caring Geographies: How do Regions Care?
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B

Participants:

Drawing from the ‘Living Well’: Sidewalk Toronto’s Imagination of Healthy Futures
Rebecca Noone, University of Toronto; Karen Dewart McEwen, University of Toronto

Life worlds In Motion – How Shifting Psychiatric Expertise Decenters Mental Health And ‘The Environment’
Patrick Bieler, Humboldt-Universität zu Berlin

Mapping Regions: How Are regions Produced As Places Of Care?
Iris Wallenburg, institute for Health Policy and Management; Dara Ivanova, Erasmus School of Health Policy and Management; Roland Bal, Erasmus University Rotterdam

Triage as mediating technology to reinvent infrastructures of
169. Nonhuman Innovations, Nonhuman Disruptions - I
Papers for Open Panels/Nonhuman Innovations, Nonhuman Disruptions
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
A global cow: socio-bio-technical (re)agencemets of cattle breeding. *Lidia Chavinskaia, LISIS, UPEM*
In Hot Blood: The Dog Days of Pharmacology *Brad Bolman, Harvard University*
Making Mice: (Re)Production, Resistance And Commodification In The Laboratory *Sainath Suryanarayanan*
The Social Evolving: Sociogenomics On The Wings of Social Insects *Lidia Chavinskaia, LISIS, UPEM*
Session Organizer: *Brad Bolman, Harvard University*

170. Toxic Subjects: Historical, Legal, Occupational, and Medical Perspectives - I
Papers for Open Panels/Toxic Subjects: Historical, Legal, Occupational, and Medical Perspectives
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Toxic Discourses: Science and Reputation in the Age of Radiation Omnipresence *Chikako Takeshita, University of California, Riverside*
"You Can't See Toxics, But You Can Be Very Agitated About Blowing Up" *Chloe Ahmann, University of Chicago*
The Emotional Support for “Facts” in Environmental Health Activism *Amy Kuritzky, Rice University*
Ignorance and Illegible Subjects of Toxicity: The Case of PFOA Contamination in Hoosick Falls, New York *Laura Rabinow, RPI*
Session Organizer: *Alli Morgan, RPI*
Discussant: *Alison Kenner, Drexel University*

171. Schemas, Graphs, Ontologies - I
Papers for Open Panels/Schemas, Graphs, Ontologies: Baking Semantics into Data-Driven Media Technologies
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
Discovering Traces of an Archived Component of Google’s Knowledge Graph from the Freebase Data Dumps *Niel Chah, University of Toronto*
Anyone Can Say Anything About Any Organism: Exploring the Implications of Taxonomy's Move to the Semantic Web *Andrea Thomer, University of Michigan School of Information*
The Image of Domains *David Ribes, University of Washington*
Semantic Media: Critical Questions about Metadata and Social Ontology *Andrew Iliadis, Temple University*
From the Social Sciences to Data Mining: Data Journalism’s Sense-Making of Expanding Data *Bernat Ivancics, Columbia University*
Session Organizer: *Andrew Iliadis, Temple University*
Chair: *Amelia Acker, The University of Texas at Austin*

Papers for Open Panels/How Has Climate Change Reshaped Scientific Expertise and the Expert?
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
What kind of expertise does climate policy need? *Reiner Grundmann, University of Nottingham*
Project-based futures: climate change and the development of agricultural foresight models in loosely coordinated organizations *Vincent Cardon, University Picardie Jules Verne*
Essays on Science in Court: An analysis of climate change litigation in the US from 1990 to 2018 *Daniel Kim, The George Washington University*
Engineering the Climate: The Career of an Unlikely Innovation *Julia Schubert, Forum Internationale Wissenschaft*
To Govern the Climate: Lessons from State Climate Scientists in Brazil *Jonathan Wald, McGill University*
Session Organizer: *Stephen Zehr, Univ. Southern Indiana*
Chair: *Stephen Zehr, Univ. Southern Indiana*

173. Attention! - I: Human/Machine Boundaries
Papers for Open Panels/Attention!
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Attention by Design: Meditation Apps and the Construction of Mindbody Capacities *Rebecca Jablonsky, Rensselaer Polytechnic Institute*
Buzz, tap, zap: the attentional economy of haptic wearables *Natasha Schull, NYU - MCC*
Distracted Attention, Or: Mindful Algorithms And The Algorithms of Mindfulness *Johannes Bruder, FHNW Academy of Art and Design*
Homo Attentus: Technological Backlash and the Attentional Subject *Nick Seaver, Tufts University*
Session Organizer: *Nick Seaver, Tufts University*
174. Presidential Roundtable: Honoring STS Mentoring
4S Annual Meeting
Special Event
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Session Organizers:
Teun Zuiderevent-Jerak, Athena Institute, VU University, Amsterdam
Hsin-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies
Noela Invernizzi, Universidade Federal do Paraná
Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach, Chile

Chair:
Kim Fortun, University of California Irvine

175. Ghosts of Modern Futures Past – I
Papers for Open Panels/Ghosts of Modern Futures Past
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:
A Haontological Turn for STS Kasper Hedeggaard Schiolin, Harvard STS Program, Harvard Kennedy School; Stefan Schäfer, Institute for Advanced Sustainability Studies
The End is Near: Envisioning a living future in the kingdom of the dead Tess Doezema, Arizona State University
The silence of interconnected technologies: Internet of Things and ghost infrastructures in Brazilian innovation projects Cristiana de Oliveira Gonzalez, State University of Campinas
Gaunt Figures of the Future Gabriel Dorché, Université Catholique de Lille

Session Organizers:
Kasper Hedeggaard Schiolin, Harvard STS Program, Harvard Kennedy School
Hilton Simmet
Stefan Schäfer, Institute for Advanced Sustainability Studies
Tess Doezema, Arizona State University
Madisson Whitman, Purdue University
Gabriel Dorché, Université Catholique de Lille

Chair:
Geneva Smith, University of New Mexico
Discussant:
Sheila Jasanoff, Harvard University

Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants:
Collaborative Disruption: Creative Dissidents on China’s Ridesharing Platforms Shuang Frost, Harvard University
Informal Disruptions: Ride-Hailing and Incrementalism in Bandung, Indonesia Bronwyn Frey, University of Toronto
Describing the Inscrutable: How Upworkers Make Sense of

Session Organizers:

Chair:
Tero Karppi, University of Toronto

177. STS and Security Studies: Expertise, Infrastructures and Practices - I
Papers for Open Panels/STS and Security Studies: Expertise, Infrastructures and Practices
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants:
Carcerality and Justice in Postcolonial African Forensic Genetics Noah Tamarkin, Ohio State University
Giving Back: Stormwater Management and Alternative Sentencing in Newark Kessex Alexandre, Princeton University
Prisoners as Infrastructure in Latin America: Entrepreneurship, Materiality, and Technology Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
Carceral Media Practices: Dissolving Affiliation Through Infrastructural and Media Technologies in U.S. Prisons Ian James Alexander, New York University
Carceral Securities: The Digital and Analog Making of Securitized Bodies in the New York City Jails Ariel Ludwig, Science and Technology in Society, Virginia Tech
Out of a river of diesel: Imagining post-corruption infrastructures Carlos Cuevas-Garcia, Technical University of Munich

Session Organizers:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
Kim Fortun, University of California Irvine

Chair:
Kim Fortun, University of California Irvine

178. Indigenous Knowledges and Technologies - II
Papers for Open Panels/Indigenous Knowledges and Technologies
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants:
Community Networks, Actor-Networks: The Politics of Internet Interconnection Infrastructure in Indigenous Connectivity Projects Fernanda R. Rosa, American University
The (Plastic) Bird’s-Eve View: Indigenous Critiques of Drone Mapping Technologies in Merauke, West Papua Sophie Marie Helene Chao, The University of Sydney
“Litigation is our last Resort” Addressing uncertainty, undone science, and bias of the stakeholders in court to assert indigenous rights Bindu Panikkar, The University of Vermont
Resonant communication experiences in indigenous communities of Oaxaca, Mexico Carlos Francisco Baca
179. Products of Biotecnoscience: Modified Living Beings Used in Health and Agriculture Activities - I
Papers for Open Panels/Products of Biotecnoscience at Large: Modified Living Beings Used in Health and Agriculture Activities
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
- Anthropocene and the systemic dimension of biological functions. The case of epigenetics, horizontal gene transfer, and antibiotic resistance Flavio D'Abramo, MPIWG Berlin
- DNA Recombination - Biotechnological Utopias and Life Redesigned. The Archeology of the Future and Artificial Life Eva Slesingerova, Goethe University
- Humanized Animals, or Humans as a New Animal Model: Competing Alternatives in (Pre-)clinical Trials Sungwoo Ahn, Virginia Tech
- The Brumadinho disaster - Minas Gerais - Brazil: What "train" (thing in Minas Gerais language) is this? Eduardo Nazareth Paiva, EDUARDO NAZARETH PAIVA

Session Organizer:
Claudia Santos Turco, HCTE-UFRJ / FIOCRUZ
Discussant:
Maria Cristina de Oliveira Cardoso, UFRJ - HCTE

Papers for Open Panels/Algorithms at Work: The Practice of Prediction
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
- Constraining Learning, Expanding Competencies: Lawyer-in-the-Loop in Algorithmic Discovery Fernando Delgado, Cornell University
- Evidence in AI: Predictive Algorithms in Healthcare Anne Henriksen, Aarhus University; anja bechmann, UCI & Aarhus University
- Beyond Optimism: The Cruel ‘Iron Cage’ of Data Science in Education Caroline Mason, Rensselaer Polytechnic Institute -STS
- "Feedback" Or "Formulas"? Interpreting Algorithms In Two Media Companies Valentina Grossi, EHESS
- Making Platforms Work: Conceptualizing Platform Labor and the Management of Publics Benjamin Shestakofsky, University of Pennsylvania; Shreeharsh Kelkar, University of California, Berkeley

Session Organizer:
Sarah E. Sachs, Cornell University
Chair:
Sarah E. Sachs, Cornell University
Discussant:
Angèle Christin, Department of Communication, Stanford

181. Conceptualization and Evidence of Social Innovation
Papers for Open Panels/Conceptualization and Evidence of Social Innovation
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
- Community Organizations and Solidarity-Based Improvisations: Alternative Sociotechnical Infrastructures in Puerto Rico After Hurricane Maria Fatima Espinoza Vasquez, University Of Kentucky
- Social Technology in Brazil: social change from people’s knowledge Rafael Dias, University of Campinas
- Policy Changes from Economic Innovation to Social Innovation: A Case Study of China’s Scientific and Technological Innovation Policy Guangling Xiao, school of Marxism, Tsinghua University
- The Discourse Of Innovation In The Federal Institutes In A STS Perspective Rodrigo Rafael Fernandes, IFPR; Sidney Reinaldo da Silva, IFPR
- Challenges of Emerging Biomedical Technology in India: Case of Molecular Diagnostics (MDs) Technological Innovation System Development Nidhi Singh, Jawaharlal Nehru University

Session Organizer:
Jose Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla
Discussant:
Rollin Kent, Benemérita Universidad Autónoma de Puebla

182. Opening up Containment: Spaces, Trajectories, and Forms of Life - I
Papers for Open Panels/Opening up Containment: Spaces, Trajectories, and Forms of Life
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Opening the Bin: Ontology of Waste Containment Olli Pyyhtinen, Tampere University; Ville Savolainen, Tampere University
- Containment as Policy: The Politics of Blight in Postwar Baltimore Daniel G Cumming, Graduate Student
- Containment as the material-discursive organization of flows: three cases of environmental management in Canada Ignace Schoot, Memorial University of Newfoundland; Caitlynn Beckett, Memorial University of Newfoundland; Alex Zahara, Department of Geography, Memorial University
- Containers and the “Object-tied” Home – Between Inclusion and Exclusion, Consumption and Disposal Sarah Stefanos, University of Wisconsin, Madison

Session Organizers:
Ignace Schoot, Memorial University of Newfoundland
Caitlynn Beckett, Memorial University of Newfoundland
Alex Zahara, Department of Geography, Memorial University
Chair:
Alex Zahara, Department of Geography, Memorial University

183. Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice - III: Getting Off on Technicality
Papers for Open Panels/Creative Misfits: Imagining Non-Normative Bodies in Technosocial Practice
184. Innovating, Interrupting & Regenerating the Human-Technology Frontier - I  
Papers for Open Panels/Innovating, Interrupting & Regenerating the Human-Technology Frontier  
Open Panel  
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley  
Participants:  
- Misfit Managed: Empty Fortresses, Social Robots, and Irony in Autism Research  
  Rua Mae Williams, University of Florida  
- Crip categories in online fanfic: Contested representations of disability through tagging  
  Catherine Duchastel, STS Program, York University  
- Non-normative bodies in sociotechnical practices of engineering care robotics  
  Arne Malbaum, TU Berlin; Philipp Graf, Technische Universität Berlin  
Session Organizers:  
- Catherine Duchastel, STS Program, York University  
- Drew Danielle Belsky, STS Program, York University  

185. Media Studies Interruptions of STS - III  
Papers for Open Panels/Media Studies Interruptions of STS  
Open Panel  
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus  
Participants:  
- Better Television Signal. Local Designs and Emergent Media infrastructures in Colombia Since the Eighties  
  Fabian Prieto-Nanez, University of Illinois at Urbana-Champaign  
- Animating Interruptions: Disney, the Mutilplane Camera, and STS  
  Michael J. Meindl, Virginia Tech  
- Maiming and Mediating Data  
  Mary Michael, UCSB  
- The Labor of Logic and Vice Versa: Semiconductors, Infrastructure, Work  
  Andrew Lison, University at Buffalo  
Session Organizer:  
- Alenda Chang, University of Texas at Dallas  
Chair:  
- Alenda Chang, University of California, Santa Barbara  

186. Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance - I  
Papers for Open Panels/Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance  
Open Panel  
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus  
Participants:  
- Critical Life Science Research on Human Diversity: Social Reflexivity as a Means for ‘Good Science’  
  Tino Pluemecke, Institute for Sociology, University of Freiburg, Germany  
- Responsible Research and Innovation in Latin America: Socio-Technical Integration Research in Mexico  
  Juan Carlos García Cruz, Arizona State University; Cristian Puga González, Arizona State University  
- Public Engagement and the Constriction of Reflexive Practice  
  Christian H. Ross, Arizona State University  
- Refracting logics of STS interventions  
  Thokozani Kamwendo, University of Edinburgh; Robert David Jonathan Smith, University of Edinburgh; Deborah Scott, University of Edinburgh  
- Responsible Innovation in Indigenous Australian on-country livelihoods  
  Marcus Barber, CSIRO  
Session Organizers:  
- Jason A. Delborne, North Carolina State University  
- Dalton George, North Carolina State University  
- Adam Kokotovich, North Carolina State University  
Chair:  
- Dalton George, North Carolina State University  

187. Performing Socio-Technical Imaginaries - I  
Papers for Open Panels/Performing Socio-Technical Imaginaries  
Open Panel  
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown  
Participants:  
- Looking for the “Social” in the Sociotechnical Imaginary on Hybrid Lightweight Materials  
  Anna-Lena Berscheid, University of Paderborn  
- Performing securitization: The socio-technical imaginary of AI-based security  
  Jens Hälterlein, University of Freiburg  
- Socio-technical Imagineering and the Future(s) of Civilian Drones  
  Domen Bajde, University of Southern Denmark; Alev Pinar Kuruoglu, University of Southern Denmark; Mikkel Nøjgaard, University of Southern Denmark; Jannek Sommer, University of Southern Denmark  
- Promising Power? Future-Oriented Representations of Nuclear Fusion Energy Research  
  Derek Taylor Parrott, Cornell University STS  
Session Organizers:  
- Domen Bajde, University of Southern Denmark  
- Alev Pinar Kuruoglu, University of Southern Denmark  
- Mikkel Nøjgaard, University of Southern Denmark  
- Jannek Sommer, University of Southern Denmark  

188. Emergent Technologies in Biomedicine and Healthcare: Boundaries, Tensions, and Possibilities - I  
Papers for Open Panels/Emergent Technologies in Biomedicine and Healthcare: Boundaries, Tensions, and Possibilities  
Open Panel  
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu  
Participants:  
- Hacking Health Issues in the Global South: An Ethnography of Medical Device Innovation in Contemporary India  
  Anisha Chadha  
- Humans and Organs on Chips: Modeling the Body in the Translational Age  
  Melanie Jeske, University of California,
San Francisco

Using Electronic Health Record Data to Achieve Quality: How Measuring Quality Reorganizes Care Delivery

Rosalie Winslow, University of California, San Francisco

The Values and Ethics of Biomedical Engineering Practices in The Design of Bionanotechnologies
Beth Strickland Bloch, University of Illinois, Urbana-Champaign

Translational Research: Innovation Across Medical, Industrial and Scientific Boundaries
Léo Mignot, Université de Bordeaux - Centre Emile Durkheim; Pascal Ragouet, Université de Bordeaux - Centre Emile Durkheim; Vincent Grimaud, Université de Bordeaux - Centre Emile Durkheim

Discussant: Kathryn Teigen De Master, University of California, San Francisco

Chair: Rosalie Winslow, University of California, San Francisco

189. Feeding The Anthropocene: The Promises Of Agro-Food Tech And The Difference Of Food - II

Papers for Open Panels/Feeding The Anthropocene: The Promises Of Agri-Food Tech And The Difference Of Food

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A

Participants:

Between Moonshots and Grandma’s Kitchen: Strategic Balancing of Disruption and Continuity in Agri-food Tech
Madeleine Fairbairn, University of California, Santa Cruz; Charlotte Biltekoff, UC Davis

Cellular Agriculture and the Prospects of Deliberative Food Democracy
Garrett M Broad, Fordham University; Robert M Chiles, Penn State University

Spatial Imaginaries of Vertical Farming: Where We Plant Reveals Who We Are in the Anthropocene
Ke Hu, Virginia Tech

The Promises and Pitfalls of Precision Pollination
Alissa Bilfield, University of Arizona

Session Organizer: Charlotte Biltekoff, UC Davis

Discussant: Kathryn Teigen De Master, University of California, Berkeley

190. Nonhuman Innovations, Nonhuman Disruptions - II: Care & Mattering

Papers for Open Panels/Nonhuman Innovations, Nonhuman Disruptions

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C

Participants:

Material and Metaphorical Possibilities of Gendered Microbes
Rebecca Howes-Mischel, James Madison University, Department of Sociology and Anthropology

The Aphid Synthesizer: Un-Silencing Electropenetrography
Owen Marshall

What Are Heirloom Microbes? Matthaeus Rest, MPI for the Science of Human History

Wild Animal Sex: How the Study of Non-Humans Broke the Binary
Beans Velocci, Yale University

Look at me: How collective attention shapes conservation science for charismatic species
Courtney Addison, Victoria University of Wellington

Session Organizer: Brad Bolman, Harvard University

191. Toxic Subjects: Historical, Legal, Occupational, and Medical Perspectives - II

Papers for Open Panels/Toxic Subjects: Historical, Legal, Occupational, and Medical Perspectives

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:

A Queer Critical Race Feminist Take On Reproductive Toxicity
Melina Packer, University of California, Berkeley

Contested Interpretations of Toxic Substances and Marginalized Victims in Korea’s Environmental Pollution Relief System
Jinyoung Christine Park, Seoul National University, Republic of Korea

Extemacies of Cell and Soil: Genomic Science & Insecurity in the Making of Colombia’s Post-Conflict
Katarzyna Kaczowska

Undone Justice: Social Determinants of Health, Routine Toxicological Screenings, and Death Investigations
Lee Nelson, RPI

Session Organizer: Alison Kenner, Drexel University

Discussant: Amelia Acker, The University of Texas at Austin

192. Schemas, Graphs, Ontologies - II

Papers for Open Panels/Schemas, Graphs, Ontologies: Baking Semantics into Data-Driven Media Technologies

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion

Participants:

Social media metadata: On standards, access, and control
Amelia Acker, The University of Texas at Austin

Ontologies Enacting Alterity
Wouter Van Rossem, University of Twente; Annalisa Pelizza, University of Twente

The Illusion of Abstraction
Martha Lampland, Univ Of Ca-San Diego

Ontologies for Knowledge and Art in the Making: The Re-Source Project
Alexandre Monnin, ESC-Clermont, Origens Medialab

A Dispute over the Value of Semantically Enhanced HTML
Ryan Shaw, University of North Carolina at Chapel Hill

Session Organizer: Amelia Acker, The University of Texas at Austin

Chair: Andrew Iliadis, Temple University

Discussant: Charles Luke Alan Stark

193. How Has Climate Change Reshaped Scientific Expertise and the Expert? - II

Papers for Open Panels/How Has Climate Change Reshaped Scientific Expertise and the Expert?

Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood

Participants:

‘Do the Right Thing’: information-deficit model logics and creative (climate) communications
Maxwell Boykoff, University of Colorado Boulder
Climate Change Perceptions Among Low Income Peoples of Color in California’s San Joaquin Valley
Noah ray Martinez, University of California, Merced; Brandon Batzloff, University of California Merced

Climate Change Expertise: Scientists, Boundary Organizations, Journalists? Stephen Zehr, Univ. Southern Indiana
Twitterizing climate expertise: ethical overflows and epistemological conflicts warren pearce, Department of Sociological Studies, University of Sheffield

Session Organizer:
Stephen Zehr, Univ. Southern Indiana
Chair:
Govindan Parayil, Patell College of Global Sustainability

194. Sensors and Sensing Practices Roundtable
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Session Organizer:
Jennifer Gabrys, Department of Sociology
Chair:
Jennifer Gabrys, Department of Sociology
Discussants:
Andrea Ballestero, Rice University
Cymene Howe, Rice University
Helen Pritchard, Goldsmiths University of London
Endre Dányi, Bundeswehr University Munich
christelle gramaglia, UMR GEAU IRSTEA
Stefan Helmreich, Massachusetts Institute of Technology (MIT)

195. Attention! - II: Language, Expertise, and Labor
Papers for Open Panels/Attention!
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Listening/Not Listening: Educations of Inattention in the Automation of Psychiatric Assessment
Beth Semel, Massachusetts Institute of Technology (MIT)
The Architecture of ‘Attention’: Uncrumpling NLP’s Linguistic Ideologies
Michael Castelle, University of Warwick
Valuing inattention and invisibility
Ville Savolainen, Tampere University
Olli Pyyhtinen, Tampere University
Visualizing The Expertise of Attention: Politics And Difference
From Early Psychophysics To Mindful Economics
Chad Valasek, University of California at San Diego

Session Organizer:
Rebecca Jablonsky, Rensselaer Polytechnic Institute
Chair:
Nick Seaver, Tufts University

196. Presidential Roundtable: STS Publishing Futures
4S Annual Meeting
Roundtable Workshop
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Session Organizer:
Kim Fortun, University of California Irvine

Chair:
Kim Fortun, University of California Irvine
Discussants:
Joan Fujimura, University Of Wisconsin-Madison
Wen-Hua Kao, National Yang-Ming University
Leandro Rodriguez Medina, Universidad de las Americas Puebla
Venni Krishna, School of Humanities & Languages, University of New South Wales, Sydney, Australia
Sergio Sismondo, Queen's University
Nicole C Nelson, University of Wisconsin Madison
Rachel C Lee, UCLA Center for the Study of Women
Rachel Ankeny, The University of Adelaide
roy macleod, University of Sydney
Kean Birch, York University
Heather Paxson, Massachusetts Institute of Technology (MIT)
Teun Zuiderent-Jerak, Athena Institute, VU University, Amsterdam
Aulok Khandekar, Indian Institute of Technology Hyderabad
Hsien-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies
Suman Seth, Cornell University
Paul Griffiths, University of Sydney
Atsuro Morita, Osaka University
Gergely Mohacsi, Osaka University
Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)
Salla Sariola, University of Helsinki
Hernan Thomas, Institute of Science and Technology Studies - National University of Quilmes
Cyrus Mody, Maastricht University
Ed Hackett, Brandeis University
Daniel Lee Kleinman, Boston University
Dominique Vinck, University of Lausanne
Jeffry Will, University of North Florida
Christopher Kelly, UCLA
Lesley J F Green, University of Cape Town
Noela Invernizzi, Universidade Federal do Parana

197. Ghosts of Modern Futures Past – II
Papers for Open Panels/Ghosts of Modern Futures Past
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Magic materials and the promises of transformation: on the animation of nanomedicine
Declan Liam Kuch, UNSW; Matthew Kearnes, Environmental Humanities Programme, School of Humanities and Languages, University of New South Wales
Constituting Stratified Publics and Building the Futures of Health through Precision Medicine
Dennis Browe, UCSC
Spectres of The Good Old Days: Egyptian Facebook and the sociotechnical imaginaries of the dispossessed
Nermin Elsherif, University of Amsterdam
Sahar Tavakoli, National Yang-Ming University
The University of Wisconsin Madison
Cornell University STS


Open Panel 
2:45 to 4:00 pm 
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants: 
- Managed Flexibility: Management Science and Worker Control in the On-Demand Economy Aaron Shapiro, University of Pennsylvania, Annenberg School for Communication 
- Amazon Is the New Factory: Warehouse Labour and Worker Resistance Alessandro Delfanti, University of Toronto 
- “But What If We Earn Less?” Negotiating Deliveroo’s Introduction of Dynamic Order Pricing Niels van Doorn, University of Amsterdam 
- Hard Control and Soft Contract: Domestic Labor under the Influence of the Internet liang meng, BUCEA

Session Organizers: 
- Yujie Chen, Faculty of Information, University of Toronto 
- Alessandro Delfanti, University of Toronto

Chair: 
- Yujie Chen, Faculty of Information, University of Toronto

199. STS and Security Studies: Expertise, Infrastructures and Practices - II 

Papers for Open Panels/STS and Security Studies: Expertise, Infrastructures and Practices 

Open Panel 
2:45 to 4:00 pm 
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants: 
- Detecting intentions: The value of STS for elucidating conceptual shifts in truth verification Torsten H Voigt, RWTH Aachen University; Larissa Fischer, University of Hamburg; Bettina Paul, Universität Hamburg 
- Forging In/Security: Fear, Metal, and Situated Knowledge in a Caribbean City Kimberley Danielle McKinson, University of Georgia 
- The Dialectics of Locks in Urban Japan Misha Bykowski, Stanford University 
- Your Voice Is (Not) Your Passport: Entanglements Between Border Security And Voice Recognition Michelle Pfefer, New York University

Session Organizers: 
- Kim Fortun, University of California Irvine 
- Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography 

Preliminary Program May 22, 2019 

Chair: 
- Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography

200. Indigenous Knowledges and Technologies - III 

Papers for Open Panels/Indigenous Knowledges and Technologies 

Open Panel 
2:45 to 4:00 pm 
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants: 
- Distraction Or Disruption: Decolonization And The Academic Enterprise Lisa P. Nathan, University of British Columbia 
- How to bridge ch'ixi-epistemology with STS? Marco Paladines, Technical University Berlin 
- Thinking about the integration of Indigenous science and Western science knowledge systems Cheri Johnson, Virginia Tech

Session Organizer: 
- Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

Chair: 
- Tiago Ribeiro Duarte, University of Brasilia

201. Products of Biotecnoscience: Modified Living Beings Used in Health and Agriculture Activities - II 

Papers for Open Panels/Products of Biotecnoscience at Large: Modified Living Beings Used in Health and Agriculture Activities 

Open Panel 
2:45 to 4:00 pm 
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris

Participants: 
- Mickey Mouse and Big Evil Corporation: Visual Rhetoric of Environment in News Media and Graffiti Charudatta Navare, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research 
- Optimizing malaria surveillance through community-driven spatial autocorrelation modeling Ryan Tokarz, Iowa State University 
- Public Understanding of Ecological Conservation in Science Exhibitions: The Case of Taiwan Ming-Ying Lee, Providence University 
- The Dramaturgy of Experts in Brazilian Regulatory Science: the Case of the National Technical Biosafety Commission Julia Silvia Guivant, federal university of santa catarina; Paulo Fonseca, Universidade Federal do Recôncavo da Bahia

Session Organizer: 
- Claudia Santos Turco, HCTE-UFRJ / FIOCRUZ

Discussant: 
- Maria Cristina de Oliveira Cardoso, UFRJ - HCTE


Papers for Open Panels/Algorithms at Work: The Practice of Prediction 

Open Panel 
2:45 to 4:00 pm 
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City

Participants: 
- You could get shot pulling over to take picture where I work: Facial Recognition in Gig Work Elizabeth Anne Watkins,
203. Citizen Bureaucracy - I
Papers for Open Panels/Citizen Bureaucracy
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
Cultivating Bureaucratic Expertise in Clinical Trials with
Psychedelic Drugs Katherine M Hendy, University of Michigan
Biosociabilidad and the Citizen Science Practice in social
networks maria conceicao da costa, State University of
Campinas; Jean Maicon Rickes Medeiros, PhD Student in
Science and Technology Policy at Unicamp (PPG-
PCT/Unicamp)
Checking the Web for public facts: can we do this together?
Nousjrt Marres, University of Warwick, UK
Development of Framing in Legal Debates over “Voluntary
Evacuation” in Fukushima Accident and STS Contributions
Hideyuki Hirakawa, Osaka University
The Politics Of Industrialization. Controversies About Gold
Mining In French Guiana Brice Laurent, Centre de
sociologie de l'innovation, Mines ParisTech; Julien Merlin,
Mines Paristech; Liliana Doganova, Mines ParisTech; Yann
Günzburger, Ecole des mines de Nancy
Session Organizer:
Katherine M Hendy, University of Michigan
Chair:
Monamie Bhadra Haines, Nanyang Technological University

204. Opening up Containment: Spaces, Trajectories, and Forms
of Life - II
Papers for Open Panels/Opening up Containment: Spaces,
Trajectories, and Forms of Life
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
Species Panics Chloe Silverman, Drexel University
Containment Contested: Sawada Shoji and the Atomic-Bomb
Dosimetry System Sumiko Hatakeyama, University of
Pennsylvania
Containing People and Waste within Cold War Germany’s
toxic borderlands Jonas Stuck, Rachel Carson Center for
Environment and Society
Containing Schistosomes: On Questing for Containment among
Overspilling Bodies, Latrines and Lakes in Rural Uganda
Lucy Pickering, The University of Glasgow
Session Organizers:
Ignace Schoot, Memorial University of Newfoundland
Caitlynn Beckett, Memorial University of Newfoundland
Alex Zahara, Department of Geography, Memorial University

205. Capitalizing Fertility: Feminist STS Approaches to
Reproductive Bioeconomies - I
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
“Global Fertility Chains”: A New Political Economy Approach
to Understanding Transnational Surrogacy Sigrid
Vertommen, University of Cambridge
Egg Freezing and the Financialization of Fertility Lucy van de
Wiel, University of Cambridge
Sacred Assets: Christian Logics of Reproductive Remainder
Economies Rita Cromer, Purdue University
Fresh Egg Donation vs. Frozen Egg Banking: How Substance
and Race Interact in Reproductive Bioeconomies Daisy
Desomampo, Fordham University
China’s Birth Dearth: From Family Planning to Family Making
Ayo Wahlberg, University of Copenhagen
Session Organizers:
Rita Cromer, Purdue University
Lucy van de Wiel, University of Cambridge
Discussant:
Diane Tober, University of California, San Francisco

206. Innovating, Interrupting & Regenerating the Human-
Technology Frontier - II
Papers for Open Panels/Innovating, Interrupting & Regenerating
the Human-Technology Frontier
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
Doing Undone Science through Community-Driven
Technology Development Towards Health Equity Jennifer S
Carrera, Michigan State University
"Intelligent" Interfaces Brian Kinnee, Human Centered Design
& Engineering, University of Washington
Locating and Enacting Smart Cities: Multi-sited Ethnography
and Translation of Imaginaries Sean Ferguson, Engineering
and Society, University of Virginia
Global Policy in a Box: The sustainable development goals as
boundary objects in glocal Agenda 2030 implementation
Karin Skill, Linköping University
Session Organizer:
Richard B Duque, Utica College

207. Media Studies Interruptions of STS - IV
Papers for Open Panels/Media Studies Interruptions of STS
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus
Participants:
Body/Building: Special Effects Technologies and the New
Tollywood Mass Hero on a Global Stage Rachael Ball,
University of California, Santa Barbara
Co-Producing Futures: the making of ‘Hollywood’s’
apocalyptic aesthetic in South Africa Jessica Dickson,
Harvard University
“Technologies of Mental Illness Community: Media
representations, Digital receptions, Psychedelic and
Artificially Intelligent Entanglements in the Netflix show *Maniac" Zahari Richter, PhD student at GWU; Martin Peter Law, Indiana University
Hashtag Hurricane: The Transformation of Scientific Knowledge into Media Culture Elizabeth Ellcessor, University of Virginia
Session Organizer:
**Alenda Chang**, University of California, Santa Barbara
Chair: **Elizabeth Ellcessor**, University of Virginia

**208. Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance - II**
Papers for Open Panels/Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:
- Kingdoms of Engagement: Reflecting on Stakeholder Engagement Exercises Focused on GE Algae, Trees, and Mice Jason A. Delborne, North Carolina State University
- Mapping Engagement for Emerging Technologies: Decision Phases, Stakeholders, and the Genetically Engineered American Chestnut Tree Dalton George, North Carolina State University; Jason A. Delborne, North Carolina State University
- Creating Space for Reflexivity: Facilitating Dialogue between Scientists and Stakeholders Danielle Costantini, North Carolina State University; Dalton George, North Carolina State University

Session Organizers:
**Jason A. Delborne**, North Carolina State University
**Dalton George**, North Carolina State University
**Adam Kokotovich**, North Carolina State University
Chair: **S. Kathleen Barnhill-Dilling**, North Carolina State University

**209. Performing Socio-Technical Imaginaries - II**
Papers for Open Panels/Performing Socio-Technical Imaginaries
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
- Circular economy as a socio-technical imaginary: Uncovering practical, symbolic, and cognitive aspects of everyday life Thomas Edward Sutcliffe, Norwegian University of Science & Technology (NTNU)
- Contesting The Government, Performing Modernity: The Sociotechnical Imaginary Of The Hungarian Internet Tax Protests Elisabetta Ferrari, University of Pennsylvania
- How Do Imaginaries Sediment? The Case of China's "National Demonstration Zones of Modern Agriculture" Wanheng Hu, Cornell University

Socio-Technical Imaginaries of the Middle East: Petropolitics and Digital Colonialism Ozgun Eylul Iscen, Duke University
Transforming coastal zone management in New Jersey: The challenge of interplay and fit in sociotechnical imaginaries David C Eisenhauer, Rutgers University
Session Organizers:
**Alev Pinar Kuruoglu**, University of Southern Denmark
**Domen Bajde**, University of Southern Denmark
**Mikkel Nøjgaard**, University of Southern Denmark
**Janneck Sommer**, University of Southern Denmark

**210. Emergent Technologies in Biomedicine and Healthcare: Boundaries, Tensions, and Possibilities - II**
Papers for Open Panels/Emergent Technologies in Biomedicine and Healthcare: Boundaries, Tensions, and Possibilities
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
- Biomedical innovations in cancer care and the increasing of health inequalities in Brazil Jorge Alberto Bernstein Iriart, Instituto de Saúde Coletiva da Universidade Federal da Bahia
- Pixelated therapy: Patient and provider experiences and expectations within a digitally-conducted therapeutic encounter Jeff Nicklas, University of California, San Francisco
- "Just Leave the Patient As a Number:" Algorithmic Renderings of Cancer Tien Dung Ha, Cornell University
- ICU, interrupted. Critical Care and Critical Technology in Argentina Livia Garofalo, Northwestern University
- Enacting Treatment: The Case of Chronic Kidney Disease and Dialysis Samantha A. Whitman, SFIS - Arizona State University; Kathleen H Pine, Arizona State University; Kasey Boehmer, Mayo Clinic; Nataly Espinoza, Mayo Clinic; Paige Organick, Mayo Clinic; Anjali Thota, Mayo Clinic; Bjoerg Thorsteinsson, Mayo Clinic; Aditya Pawar, Mayo Clinic; Victor M. Montori, Mayo Clinic

Session Organizer:
**Rosalie Winslow**, University of California, San Francisco
Chair: **Melanie Jeske**, University of California, San Francisco

**211. Feeding The Anthropocene: The Promises Of Agro-Food Tech And The Difference Of Food - III**
Papers for Open Panels/Feeding The Anthropocene: The Promises Of Agri-Food Tech And The Difference Of Food
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
- Seeding New Farm Futures: Silicon Valley Investors and Agrifood Valuation Practices Zienia Kish, The University of Tulsa
- As Grows California, So Grows The Nation: Why California Specialty Crops Are Shaping Agri-Food Technologies Emily Reisman, University of California Santa Cruz
- Break me apart, then build me up: the extractionist logics linking functional and superfoods Christy Spackman, SFIS - Arizona State University
- Hungry Innovation: Toward ‘Appropriate’ Agri-tech to Feed an African Anthropocene Serena Stein, Princeton University

Session Organizer:
212. Reimagining and Remaking the World: Decolonial and Indigenous STS
Single Paper Submission
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
An Afro-Latin American Thought In STS For Teaching Science
Robertth Jesus De-Carvalho, Instituto Federal de Educación, Ciência e Tecnologia de Santa Catarina - IFSC
From strategic scientific essentialism to de-essentialism:
Genetic Science and the Name Rectification Movement of the Thao Aborigine Yu-yeah Tsai, Institute of Sociology, Academia Sinica
“Salvage Anthropology, the Politics of Science, and Native Land Title in California: 1911-1948” Robert S Edwards, UCSD
The Coloniality of Cognitive Capitalism: Regeneration through Decolonization of S&T Marx Jose Gomez Liendo, Instituto Venezolano de Investigaciones Científicas; Maria Victoria Canino, Instituto Venezolano de Investigaciones Científicas
Session Organizer:
Jess Bier, Erasmus University Rotterdam
Chair:
Robertth Jesus De-Carvalho, Instituto Federal de Educação, Ciência e Tecnologia de Santa Catarina - IFSC

213. Nonhuman Innovations, Nonhuman Disruptions - III: Death & Ethics
Papers for Open Panels/Nonhuman Innovations, Nonhuman Disruptions
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Knowledge and (Un)Certainty in Multispecies Care and Euthanasia EJ Jetmore, Rice University
Pain and Distress as Disruptions to Animal Researcher Narratives About the Ethical Dimensions of their Work Rebecca Walker, The University of North Carolina at Chapel Hill
Rendering life dieable - Reconfiguring mosquitos, biocapital, and technobiopower Josef Barla, Goethe University Frankfurt
Creaturely Mattering: How Human Infrastructures Turn Animals Into Politics in South Japan Aaron Hopes, Stanford University
Session Organizer:
Brad Bolman, Harvard University

214. 'I Contain Multitudes': Materials of Making Worlds.
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Nature Compressed, Nature Unfolded: Heterotopic Seed Banks Anna-Katharina Laboissière, Ecole Normale Supérieure/Curtin University

Preliminary Program May 22, 1999
Refractions Worlds: Preserving Ice and Time in the Anthropocene. Alexis Rider, University of Pennsylvania
As Above, So Below: Astrology, Microprocessing, and the Making of Predictive Time Rose Rowson, Brown University
Session Organizer:
Alexis Rider, University of Pennsylvania
Discussant:
Lisa Messeri, Yale University

215. Schemas, Graphs, Ontologies - III
Papers for Open Panels/Schemas, Graphs, Ontologies: Baking Semantics into Data-Driven Media Technologies
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
Solid hope? Schemata as democratic project Jeremy Hunsinger, Wilfrid Laurier University
Enactments of Semantics: How Beliefs about Language Shape Data Infrastructure Lindsay Poirier, University of California Davis
The Digital Closet: How Heteronormativity got Baked into Google's SafeSearch Alexander Monea, George Mason University
The Hegemony of Widgets: Schema.org and the Enclosing of RDF Patrick Golden, University of North Carolina at Chapel Hill
Session Organizer:
Andrew Illiadis, Temple University
Discussant:
Amelia Acker, The University of Texas at Austin

216. How Has Climate Change Reshaped Scientific Expertise and the Expert? - III
Papers for Open Panels/How Has Climate Change Reshaped Scientific Expertise and the Expert?
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
Tightropes and Trade-offs: Balancing inclusiveness and expertise in multilateral boundary organizations Ian Gray, UCLA
Closer – But Not Too Close: The IPCC-UNFCCC Interface post-Paris Erlend Hermansen, CICERO Center for International Climate Research; Bård Lahn, CICERO Center for International Climate Research Oslo; Göran Sundqvist, Department of Sociology, University of Gothenburg; Guri Bang, CICERO Center for International Climate Research
Climate Justice and Organizational Technologies for the Implementation of the Paris Agreement Magnus Orn Sigurdsson
The Brazilian Panel on Climate Change: Integration with Global North Science or a Source of Counter-Expertise? Tiago Ribeiro Duarte, University of Brasilia
Session Organizer:
Stephen Zehr, Univ. Southern Indiana
Chair: Stephen Zehr, Univ. Southern Indiana

217. PSYCHOpolitics: Making Up Bad People/Bodies at the Nexus of Science and Law
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
Negotiated Authority: Mental Health Expertise in the Penal Management of Sex Offenders Stefan Vogler, Northwestern University
Technoregulatory Intersectionality: Benign Bodies in the Matrix of Containment Jenny Brian, Arizona State University
Conscientious Objections: Psychology’s Productive Ambivalence toward Religious Exemption Laws Patrick R Grzanka, The University of Tennessee
Optimistic Imaginaries and the Rape Kit Backlog Andrea Quinlan, University of Waterloo
Session Organizer:
Patrick R Grzanka, The University of Tennessee
Discussant:
Kate Henne, University of Waterloo/Australian National University

218. Smart or Toxic Cities?: Locating Waste in the Digital Age
Papers for Open Panels/Smart or Toxic Cities?: Locating Waste in the Digital Age
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:
Urban Episteme: Seeing Like an Urban Entrepreneur Martin Abbott, Cornell University
Localizing Science: A case study of air quality in Nairobi Priyanka deSouza, Department of Urban Studies and Planning, Massachusetts Institute of Technology
Making with waste: Troubling fabrication methods and world-building practices KRISTIN N DEW, University of Washington
Session Organizer:
William Morgan, UC Berkeley

219. Attention! - III: Pauses and Punctuations of Experience
Papers for Open Panels/Attention!
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Hacking Attention, Hacking Intentions: Digital Detoxers’ Perceptions of Technology Design Theodora Sutton, Oxford Internet Institute, University of Oxford
Logics of Attention in Web-Based User Experience Design and Engineering Lake Polan, University of Chicago
From an Attention Economy to an Intention Economy Alex Beattie, Victoria University Wellington
Pausing Public Attention: News Technologies and Journalistic Silences Mike Ananny, University of Southern California Annenberg
Patented Emotions: Attention, Appropriation, and Capture Tero Karppi, University of Toronto
Session Organizer:
Tero Karppi, University of Toronto
Chair: Tero Karppi, University of Toronto

220. Presidential Roundtable: Futuring STS and 4S
4S Annual Meeting
Special Event
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom C
Participants:
Heritage in Multiple Lifetimes Helge Jordheim, University of Oslo
The Making of a "Slow, Silent Genocide" on the Edges of Argentina's Soy Boom Geneva Smith, University of New Mexico
"We've been resilient": Black environmental histories and climate gentrification in Miami Lisa Ann Avron, Cornell University
Politics of Past Patents: researching citizenship via clothing inventions 1820-2020 Kat Jungnickel, Goldsmiths, University of London
Session Organizers:
Kasper Hedegaard Schiølin, Harvard STS Program, Harvard Kennedy School
Stefan Schäfer, Institute for Advanced Sustainability Studies Hilton Simmet Tess Doeze, Arizona State University Gabriel Dorthe, Université Catholique de Lille Geneva Smith, University of New Mexico
Chair:
Madisson Whitman, Purdue University
Discussant:
Sheila Jasanoff, Harvard University

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Automation in nursing Joshua Morris Hurwitz, Stanford University
Happiness Labor: Acts of Ambivalence against Entrepreneurial Living Silvia Lindner, University of Michigan
Radical Space in the Midst of Algorithms: Machinic Labor Interruptions Against Digital Spatial Abstractions Marco Briziarelli, University of New Mexico; Emiliana Armano,
University of Milan
Re-configure and resist temporal boundaries in the gig economy: time, digital platforms, and urban space for online food-delivery workers Yujie Chen, Faculty of Information, University of Toronto; Ping SUN, Institute of Journalism and Communication, Chinese Academy of Social Sciences

Session Organizers:
Alessandro Delfanti, University of Toronto
Yujie Chen, Faculty of Information, University of Toronto

Chair:
Alessandro Delfanti, University of Toronto

223. STS and Security Studies: Expertise, Infrastructures and Practices - III
Papers for Open Panels/STS and Security Studies: Expertise, Infrastructures and Practices
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants:
From Biosensor to Best Friend: Evolution of the Military Working Dog Team Ashley Elizabeth Drake, University of Chicago
Infrastructuring the state: Morality, materiality, sovereignty Norma Tamaria Möllers, Queen's University (Kingston, Canada)

Mediating Between Security and Innovation:
Compartmentalization and its Effects Mihir Anil Pandya, California State University, Long Beach

Necro-logistics: Burn Pits and the Waste of American War-making Kenneth MacLeish, Center for Medicine, Health and Society, Vanderbilt University

Reliability: Understanding Cognitive Human Bias in Artificial Intelligence for National Security and Intelligence Analysis
gaudys luxury Sanchez, FLACSO

Session Organizers:
Kim Fortun, University of California Irvine
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography

Chair:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography

224. Products of Biotecnoscience: Modified Living Beings Used in Health and Agriculture Activities - III
Papers for Open Panels/Products of Biotecnoscience at Large: Modified Living Beings Used in Health and Agriculture Activities
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris

Participants:
A Chemical Regime for Biotech Benjamin Rainbault, Institute For Research and Innovation in Society

Mosquitoes as technologies to prevent epidemics Claudia Santos Turco, HCTE-UFRJ / FIOCruz; Eduardo Nazareth Paiva, EDUARDO NAZARETH PAIVA

STS Interruptions in Industrial Bio-production Susan Molynex-Hodgson, University of Exeter; Sally Atkinson, University of Exeter; Achim Rosemann, University of Warwick, UK

Vaccine Risk Questioners-The Human Cost of Risk and the

Acknowledgement of Subjectivity Leea Thompson Fudge, Southern Methodist University

Session Organizer:
Maria Cristina de Oliveira Cardoso, UFRJ - HCTE

Discussant:
Claudia Santos Turco, HCTE-UFRJ / FIOCruz

Papers for Open Panels/Algorithms at Work: The Practice of Prediction
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City

Participants:
Defining Artificial Intelligence: Regulating a Moving Target Peaks Krafft; Karen Y Huang, Harvard University; Michael Katell, University of Washington (Information School); Meg Young

It's Technically Fair, But You Might Not Like It Christian Sandvig, University of Michigan

The Username of the Father: Predictive Sentencing Algorithms, Race, and the Shame of Law Aaron Neiman, Stanford University

Where is Algorithmic Literacy in Algorithmic Accountability? Elisabeth Salmont, McGill University; Elizabeth Pattitsas, McGill University

Session Organizer:
Sarah E. Sachs, Cornell University

Chair:
Malte Ziewitz, Cornell University

Discussant:
Malte Ziewitz, Cornell University

226. Citizen Bureaucraft - II
Papers for Open Panels/Citizen Bureaucraft
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:
Organic Agriculture's Quest for Legitimacy in Kenya Mark Joseph Schafer, Louisiana State University; Wesley Shrum, Louisiana State University; Matthew Harsh, Cal Poly

The Translation between Biomedicine and Traditional Chinese Medicine in the Colonial Taiwan (1895-1945) HungYin Tsai, Virginia Tech

Undone Science and Technological Innovation: The Case of Electronic Voting Machines in Postcolonial India Arafaat Valiani, University of Oregon; Patrick Jones, University of Oregon

Innovations In Global Nuclear Governance: How Non-Nuclear-Weapon-States Banded Together And Banned The Bomb Leyatt Betre, Princeton University

Session Organizer:
Monamie Bhadra Haines, Nanyang Technological University

Chair:
Katherine M Hendy, University of Michigan

227. Opening up Containment: Spaces, Trajectories, and Forms of Life - III
Papers for Open Panels/Opening up Containment: Spaces, Trajectories, and Forms of Life
Open Panel
4:15 to 5:30 pm
228. Capitalizing Fertility: Feminist STS Approaches to Reproductive Bioeconomies - II

Participants:
Vagnas, Vulvas, and Container Theory Meredith Jones, Dr; Meredith Jones, Brunel University London
Redrawing the boundaries of the social-ecological system in the context of adaptation to a changing climate Sophie Adams, University of New South Wales
Shifting boundaries between land and sea: sea-walls and fishing nets Oviya Govindan
Sanctuary and Species: The Violence of Care/Containment in Conservation Elana Santana, University of California Santa Cruz

Session Organizers:
Ignace Schoot, Memorial University of Newfoundland
Caitlynn Beckett, Memorial University of Newfoundland
Alex Zahara, Department of Geography, Memorial University

Chair:
Caitlynn Beckett, Memorial University of Newfoundland

229. Innovating, Interrupting & Regenerating the Human-Technology Frontier - III

Papers for Open Panels/Innovating, Interrupting & Regenerating the Human-Technology Frontier

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

Participants:
On the Production of Subjectivity and Surveillance: The Case of Amazon “Machine” Bahar Nafisrzaadeh, York University
Risks of biotechnological enhancement of human being in stst perspective: example of moral bioenhancement Roman Rifatovich Belyaletdinov, Institute of Philosophy RAS
The Value of Socio-Technical Futures: Anticipation and Relational Quality Sergio Ureña, University of the Basque Country UPV/EHU; Hannot Rodríguez, University of the Basque Country UPV/EHU; Andoni Ibarra, University of the Basque Country UPV/EHU
Wearable Computers And The Desire Not To Be Seen Ana Viseu, Universidade Européa
Scientist Accidental: Navigating Multi-Cultures in GloCal Technocience Richard B Duque, Utica College

Session Organizer:
Richard B Duque, Utica College

230. Working and Playing under Regimes of Platform Capitalism

Papers for Open Panels/How Do Users and Developers Negotiate the Role of Data-Driven Profile Generation in Digital Work Environments?

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:
Attending to Care, Control, and Organizing: Emerging Practices of Teachers in Virtual School Environments Anne Elizabeth Jonas, UC Berkeley School of Information
Does Attention Pay The Bills? Reconsidering The Relationship Between Attention And The Economy Kyle Kibler, University of Washington
Platform Capitalism, Digital Ecosystems and Acquisition of Musical Expertises from Moocs Priscilla Normando, Universidade de Brasilia - UnB
The Value of Recognizing Certain Gameplay Behaviors: Efforts to Shape Sociotechnical Ethics with Systematized Qualitative Evaluation Metrics Iris Bull, Indiana University - Bloomington

Session Organizers:
Iris Bull, Indiana University - Bloomington
Bryce Peake, Hilton Innovation Lab

231. Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance - III

Papers for Open Panels/Reflecting on Reflexivity in Practice: Responsible Innovation, Engagement, and Governance

Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
Raising reflexivity: STS intervention in scientific governance and practice Eleanor Hadley Kerershaw, University of Nottingham
Responsible Innovation of Neuroadaptive Learning Technology through Early Stakeholder Input Leah Friedman, Drexel University; Alison Kenner, Drexel University
Rethinking the “Reflexivity” of Responsible Innovation Yang Kai, Changsha University of Science and Technology; Miao Liao, Changsha University of Science and Technology; Ping Li, Tsinghua University
Issues of integration in strategic research Susanna Vase, University of Helsinki; Mikko Rask, University of Helsinki

Technical Expertise Meets Public Deliberation: Going Beyond Laboratory Studies to Understand the Expert/Lay Divide David Tomblin, University of Maryland, College Park; Jen Schneider, Boise State University; Chris Torres, Boise State University; Mahmud Farooque, Arizona State University

Accentuating Public opinions in Emerging Biofuel Technologies with Responsible Innovation Approach Jyoti., Centre for Studies in Science policy, Jawaharlal Nehru University, New Delhi
232. Performing Socio-Technical Imaginaries - III
Papers for Open Panels/Performing Socio-Technical Imaginaries
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Governing Nature – Imagined Futures in Gene Drives Marianne Mäkelin, University of Helsinki
Making AR usable through the the socio-technical imagineering circulating in Facebook pages and Vlogs. Sandra Patricia Gonzalez-Santos, Universidad Anahuiac
Performing Visions of Gene Editing Technologies Tomiko Yamaguchi, International Christian University
The Ag Robots Cometh: Modeling Sociotechnical Futuristic Imaginaries to Instanitate Farms of the Now Rian E Wanstreet, University of Washington
Session Organizers:
Alev Pinar Karuoglu, University of Southern Denmark
Domen Najgaard, University of Southern Denmark
Jannek Sommer, University of Southern Denmark

Papers for Open Panels/Emergent Technologies in Biomedicine and Healthcare: Boundaries, Tensions, and Possibilities
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
Is this treatment worth paying for? Contradictory discourses on the use of time-lapse imaging in IVF labs Aлина Geampana, Queen Mary University of London; Manuela Perrotta, Queen Mary, University of London
Necessary Medicine: Reframing the Insurance Argument for Transition-Related Care Elizabeth Dietz, Arizona State University
Technologies of the Body Multiple: CAH, Intersex and Care for patients in India Mathangi Krishnamurthy, Indian Institute of Technology Madras
Why Not Follow Guidelines?--Challenge of HPV Testing to Cervical Cancer Screening Program in Taiwan Yeh-Han Wang, Division of Policy and Law, Institute of Public Health, National Yang-Ming University, Taipei Taiwan
Women’s health, destigmatization and sustainability: the co-construction of reusable menstrual technologies in Argentina Jacqueline Gaybor, Erasmus University Rotterdam
Session Organizer:
Melanie Jeske, University of California, San Francisco
Chair:
Rosalie Winslow, University of California, San Francisco

234. Innovation
4S Annual Meeting
Plenary Session
5:45 to 6:30 pm

FRIDAY, SEPTEMBER, 6

235. Thursday Reception & Innovating STS
Papers for Open Panels/Innovating STS
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer
Participants:
Complicating digital ‘echo-chambers’ Ane Katherine Gammelby Mækelin, Aarhus University
Military Intelligence and the Laboratory Research Method: The Rise of Comparative Historical Analysis during World War II Stefan Bargheer, Department of Sociology, UCLA
Photo-ethnography, Political Manifestations, and More-Than-Human Performance on Public Space Pablo Ignacio Hermansen, Pontificia Universidad Católica de Chile; Roberto Fernandez, Universidad de Chile
Session Organizers:
Sandra Patricia Gonzalez-Santos, Universidad Anahuiac
Tania Pérez-Bustos, National University of Colombia

236. Situating Methods
Papers for Open Panels/Situating Methods
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Session Organizer:
Julie Guthman, University of California, Santa Cruz

238. Methods of Engagement: Feminist Approaches to Collaborations in Studying Beyond the Human
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Session Organizer:
Amanda Mathison, University of California, Berkeley

Participants:
(Re)generative equivocations in the creation of a ‘medicinal forest garden’ Laura L Dev, University of California Berkeley
Unthinkable Plant Science: Troubling Cognitive Commons with Dr. Gagliano Kristi Onzik, UC Davis Anthropology
Toward a Praxis of Queer Biology: Feminist Ethnography in the Fields of Animal Mating Science Ashton Wesner, UC Berkeley
Making value and making money with amateur applied mycology Joanna Steinhardt
Bio-Infrastructures of Air Pollution Data in the Andes: Lichens,
240. **STS as Critical Pedagogy: Experiments in Undergraduate Teaching and Learning - I**

Papers for Open Panels/STS as Critical Pedagogy: Experiments in Undergraduate Teaching and Learning

Open Panel

8:00 to 9:30 am

Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C

Participants:

Interdisciplinary Pedagogy for Developing Critical Thinking Skills in the Course “Gender and the Brain” [Shelby Dietz](mailto:shelbydietz@cornell.edu), Cornell University

SFF and STS: Teaching Science, Technology, and Society via Pop Culture [Damien Patrick Williams](mailto:dpm77@berkeley.edu), BioSENSE, UC Berkeley School of Information

The shipwrecked Case of 25 Ladies in Taiwan [Marisa R. Brandt](mailto:marisabr@berkeley.edu), [Shannon Conley](mailto:shannon.conley@berkeley.edu), [Emily York](mailto:emily.york@berkeley.edu)

The Social Life of Dowse: Ethics and Invisibility in IoT [Colin Gray](mailto:colin.gray@purdue.edu), Purdue University

241. **Power, Drivers, and Narratives in Sustainable Energy Transitions - I**

Papers for Open Panels/Power, Drivers, and Narratives in Sustainable Energy Transitions

Open Panel

8:00 to 9:30 am

Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:

A Case Study On Sustainable Energy Transitions In Virginia Appalachia [Sydney Elizabeth VanNostrand](mailto:sydney.vannostrand@virginia.edu), [James Madison University](mailto:jmu.edu)

**Session Organizers:**

[Emily York](mailto:emily.york@virginia.edu), [James Madison University](mailto:jmu.edu)

[Shannon Conley](mailto:shannon conclay@virginia.edu), [James Madison University](mailto:jmu.edu)

[Marisa R. Brandt](mailto:marisabr@berkeley.edu), [Michigan State University](mailto:msu.edu)

**Discussant:**

[Cleo Woelfle-Erskine](mailto:ceoer@uw.edu), [University of Washington](mailto:uw.edu)
244. Hormones on the Move: Transnational Entanglements in the Everyday - I
Papers for Open Panels/Hormones on the Move: Transnational Entanglements in the Everyday
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
- Technologies of Self: Endocrinology in the Historical and Contemporary Medical Management of Intersex and Transgender Bodies
  Shakti Nataraj, University of California, Berkeley
- The Ethical Endocrinologist: Reimagining Indian Diabetology Through the Figure of the Transgender Woman
  Celia Roberts, Australian National University
- Trans-Intimacies and Bodies in Motion
  Dana T Ahern, University of California Santa Cruz
Session Organizers:
- Nayantara Sheoran Appleton, Victoria University of Wellington
- Sandra Bärnreuther, University of Zurich
Discussant:
- Celia Roberts, Australian National University

245. Health, Interrupted: Infrastructures and Tinkering in Telecare
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
- The work of re-contextualising patient information: Clinical decision-making in the era of Patient Reported Outcomes
  Rikke Torenholt, Copenhagen University; Henriette Langstrup, University of Copenhagen
- Disrupting Psychiatry: Framing New Forms of Caring
  Stine Rath Hansen, PhD student at DPU, Aarhus University, Denmark
- Telecare infrastructures, interruption and different ideas of good
  Niels Christian Nickelsen, Aarhus University, School of
  Education
  Recovery on Instagram: How Medical and Embodied Knowledges Interact in Networked Discourses about Orthorexia Nervosa
  Amy A. Ross Arguedas, Northwestern University
Session Organizer:
- Niels Christian Nickelsen, Aarhus University, School of Education
Discussant:
- Roland Bal, Erasmus University Rotterdam

246. Evaluation of Academic Science and Scientists: Perspectives from Latin America - I
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:
- Academic evaluation effects on knowledge production: insights from Uruguayan scientists
  Mariela Bianco, Universidad de la Republica; Sofia Robaina, Universidad de la Republica; Maria Goni, Universidad de la Republica; Camila Ceballos, Universidad de la Republica
- On the Dominance of Quantitative Evaluation in ‘Peripheral’ Countries: Auditing Research with Technologies of Distance
  Ismael Ráfols, Universitat Politècnica de Valéncia; Jordi Molas-Gallart, Universitat Politècnica de València; DIEGO CHAVARRO, Asociación colombiana para el avance de la ciencia; Nicolas Robinson-Garcia, Technical University of Delft; Tommaso Ciari
- Academic evaluation and social impact of research: contradictory claims in Argentina and Mexico
  Federico Vassen, Universidad de Buenos Aires - CONICET
- Impacts of the Policy Turn: Changes of Academic Evaluation in Ecuador
  Maria Belén Albornoz, FLACSO Latin American Social Studies Faculty
Session Organizers:
- Noela Invernizzi, Universidade Federal do Parana
- Mariela Bianco, Universidad de la Republica

247. Innovation Under Fire: Shifting Imaginaries of Science, Technology and Society Governance – I
Papers for Open Panels/Innovation Under Fire: Shifting Imaginaries of Science, Technology and Society Governance
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
- Ethics and Society in Global Governance: Imaginaries of Ethicalization and Democratization in the Production of a New Governance Regime
  Nina Maria Frahm, Technical University Munich, Munich Center for Technology in Society
- Division of Expert Advisory Labour in Biotech Governance: Fixing the Dual-Use of Neurotechnologies: A Comparative Study of Ethics and Society in National Brain Projects
  Nadine Patzelt, Munich Center for Technology in Society, Technical University Munich
- The Social Pathways Of Emerging Technologies: An Ethnographic Case Study Of A Chemical Manufacturing Company
  Penny Polson, University of Manchester
Session Organizers:
- Maciej Kuziemski, Science Policy Research Unit, University of Sussex
- Nina Maria Frahm, Technical University Munich, Munich Center for Technology in Society
- Kasper Hedegaard Schiølin, Harvard STS Program, Harvard Kennedy School
Chair:
- Maciej Kuziemski, Science Policy Research Unit, University of Sussex
Discussant:
- Pierre-Benoit JOLY, Lisis

248. Interpretations of Liminalities in Art and Science
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Complacent or deluded? Assessing the role of sciart Roberta Buiani, The Fields Institute for Research in Mathematical Sciences, ArtSci Salon
Crossing boundaries, species and cultures: GMO corn in Mexico from an art and science perspective Maria Antonia González Valerio, National Autonomous University of Mexico
Crossing Borders in Collaboration with Microbial Life Nicole Clouston, York University
Paratactical Curating: A Collaborative Innovation in Knowledge Production Ebru Yetiskin, IstanbulLab – Science, Technology and Society Platform in Turkey, Turkey
Filth Attraction: Microbiome fictions and the cleansing of Reality-TV Mark Lipton, University of Guelph; Dalilla Honorato, Ionian University
Session Organizer: 
Dalilla Honorato, Ionian University

249. Science from Elsewhere: Thinking from Where we Think - I
Papers for Open Panels/Science from Elsewhere: Thinking from Where we Think
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Engineering Politics: Corruption and Scientific Legibility in Manizales, Colombia Marie McDonagh, University of California, Davis
Evaluating Theology: An experiment in knowledge diplomacy Tijitske Holtrop, Center for Science and Technology Studies, Leiden University, the Netherlands
“The Dead Speak” Necrolife, or Killing the Dead in the Colombian Margues Julia Morales Fontanilla, UC Davis
Session Organizer:
Julia Morales Fontanilla, UC Davis
Chairs:
Laura Meek, University of California, Davis
Julia Morales Fontanilla, UC Davis
Discussant:
Sarah Vaughn, UC Berkeley

Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
Breathing (In)Security? Intervening and Making Sensations from the Air in Santiago de Chile Matias Valderrama; Martin Tironi
Sensing Salmonella: The hybrid politics of disease outbreaks and food security Francis Lee, Uppsala University
Smart Cities, Smart Borders. Sensing networks and security in the urban space. Illia Antenucci, Western Sydney University
Hacking Satellites: A Conversation on Security and Responsabilities Jan-Hendrik Passoth, Technische Universität München; Nina Klimburg Witjes, Vienna University
Session Organizer:

251. Elements: Thinking our Present Elementally - I
Papers for Open Panels/Elements: Thinking our Present Elementally
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Earth Worlds: Continental Collision as an Elemental Formation Zeynep Oguz, Northwestern University
Resisting the lure of the elemental: Is the seed bank the antithesis of a multi-species future? Xan Sarah Chacko, Law School, The University of Queensland
Temporal Elements: Nuclear Waste, Time-binding, and Anthropocene Futures William Kinsella, North Carolina State University
The Technofossil: Elementality of the Anthropos Alexander Damianos, London School of Economics
Session Organizers:
Timothy Neule, Deakin University
Courtney Addison, Victoria University of Wellington
Thao Phan, University of Melbourne, Australia

252. Between Technological Determinism and Social Shaping - I: Participation and Isolation in Governance
Papers for Open Panels/Work, Livelihood and Identity in the Informal Sector
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Bounded Solidarity and Mobile Technology: The Decline of Core Networks in Kerala Jiahin Fan, Louisiana State University; Oliver Garretson, Louisiana State University; Antony Palackal, University of Kerala, Kariyavattom Campus; Paige Miller, University of Wisconsin, River Falls; Wesley Shrum, Louisiana State University
Critical Internet studies: A critical analysis of Loon and the strategies deployed to provide Internet connection to the unconnected Horacio Correa-Lucero, IESAC-Universidad Nacional de Quilmes
Digital Inclusion and Developmental Paradox - The Case of a Developing Region Antony Palackal, University of Kerala, Kariyavattom Campus; Jan Elizabeth Joseph, University of Kerala, Kerala, India; Wesley Shrum, Louisiana State University
The role of imaginaries in the establishment of a sanitation system in Santiago de Chile (ca. 1869-1931) Miguel Muñoz
The Violence of Urban Development in Central Florida: A Comparative Analysis of Winter Park and Parramore Zachary Shane Kailish Blair, None
Session Organizer:
Ravi Shukla, Jawaharlal Nehru University

253. Becoming “Data-Driven”: Bourgeois Data Cultures and Liminality in Civil Service - I
Papers for Open Panels/Becoming “Data-Driven”: Bourgeois Data Cultures and Liminality in Civil Service
Open Panel
254. Experimental Infrastructures: Material Insufficiency, Scale, and the Question of (Im)possibility - I
Papers for Open Panels/Experimental Infrastructures: Material Insufficiency, Scale, and the Question of (Im)possibility
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Decomposing Utopia: Experimental Infrastructures for Decay in the NYC Compost Project Guy Schaffer, Rensselaer Polytechnic Institute
- Feminist Hackers to Science Labs: Emergent Possibilities for Feminist Movements in Technoscience for Engineering Education Ellen K Foster, Purdue University
- From Infrastructure to Exostructure: Emergence and Transience in the Exploitation of Public Data Anissa Tanweer, University of Washington
- Greenish-Grey: Navigating Professional Expertise in the Sustainable City Amanda K Phillips de Lucas, Cary Institute of Ecosystem Studies
- Imaginaries of the infrastructure for a more just data economy Tuukka Lehtiniemi, University of Helsinki

Session Organizer:
Leah Horgan, University of California, Irvine

Papers for Open Panels/Autonomous Vehicles and Digitalization of the Transport Sector: Contestation and Co-production of Emerging Technologies
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
- Testing Intelligent Transport Systems (ITS) and automated vehicles in the High North: anticipated consequences and societal dilemmas Roger Andre Soraas, NTNU; Marianne Ryghaug, Norwegian University of Science & Technology (NTNU)
- Perceptions of Automated Vehicles in the Performance Racing Community MC Forelle, University of Southern California, Annenberg School for Communication & Journalism

Session Organizers:
Brandon Costelloe-Kuehn, RPI
Guy Schaffer, Rensselaer Polytechnic Institute

Chairs:
Brandon Costelloe-Kuehn, RPI
Guy Schaffer, Rensselaer Polytechnic Institute

256. Constructing Memories: Comparative Historical Sociotechnical Analysis of Media, Communication and Information
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
- It’s the phone: AT&T’s construction of landline and mobile telephony Lee Humphreys, Cornell University
- The problem of scale in comparative historical analysis Kevin Driscoll, University of Virginia
- Digital Regeneration: Media Archives and Residual Cultures of Time Travel Megan Sapnar Ankerson, University of Michigan
- Archives and/as infrastructures for knowledge and ignorance Megan Finn, University of Washington

Session Organizer:
Megan Finn, University of Washington

257. Journal of Science and Technology Studies Meeting
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus
Session Organizer:
Salla Sariola, University of Helsinki

258. Games, Virtual Technologies, and STS - I
Papers for Open Panels/Games, Virtual Technologies, and STS
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:
- Edge Cases: A Mangle of Interface in Games. Daniel L Gardner, Informatics, UC Irvine
- Recursive Modelling: The Post-Commodity Life of the Doom Engine Jeong Woo Jang, KAIST Graduate School of Science Technology Policy
- The Authoritarian Potentials of Monomythic Game Design Stephanie Jennings, Rensselaer Polytechnic Institute
- Truth, Rationality, and Affect in Unreal’s Physically Based Rendering James Malazita, Rensselaer Polytechnic Institute

Session Organizer:
259. Innovating Reproduction and (Re)Generating Parenthood Possibilities: Critical Studies of New Technologies
Papers for Open Panels/Innovating Reproduction and (Re)Generating Parenthood Possibilities: Critical Studies of New Technologies
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Medical innovation in IVF: technological advancement in the age of Evidence-based medicine Manuela Perrotta, Queen Mary University of London; Alina Geampana, Queen Mary University of London
ART During Zika Epidemic In Brazil: Preconception Testing, Risk Factors And Intersectional Inequalities Helena Prado, CEPED/IFRIS
A New Maternity Uncertainty? Katherine Michelle Johnson, Tulane University
Reproducing Kinship: How do donor-conceived adults think of themselves and their family in the age of assisted reproductive technologies? Janelle Curry, York University
Making altruistic white egg donors in Finland: enacting gender and race in commercial fertility care for donors Riikka Homanen, University of Tampere
Session Organizers:
Alina Geampana, Queen Mary University of London
Moira Kywieluk, Northwestern University

260. ESTS Journal Meeting
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Session Organizer:
Katie Vann, ST&HV/ESTS

261. Author Meets Critics: Carson Prize
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer
Session Organizers:
Kim Fortun, University of California Irvine
Roopali Phadke, Macalester College
Chair:
Roopali Phadke, Macalester College
Discussants:
Gabrielle Hecht, Stanford University
Rebecca Lave, Indiana University Department of Geography
Margherita Long, University of California Irvine, East Asian Studies
Aya Hirata Kimura, University of Hawaii

Papers for Open Panels/No paper, No pencil, No tape measure: Situated Craft Practices, Computation, and Automation
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Participants:
Beyond Representation: Performance in the craft practice of wire-bending in Trinidad & Tobago Vernelle A Noel, Georgia Institute Of Technology
Learning CNC Milling: A Gendered Account on ‘Everyone,’ Skill and Expertise in DIY Digital Fabrication Yana Boeva, Nuremberg Institute of Technology
VITRUVIAN HANDS: A Historical Perspective to the Relationship between Invention and Production Hayri Dordivanioglu, Georgia Institute Of Technology
Session Organizer:
Vernelle A Noel, Georgia Institute Of Technology

263. The Temporal Repertoire
Papers for Open Panels/The Temporal Repertoire
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Time Constructs: Values and the Future Internet Britt Paris, Data & Society Research Institute
Privatization of Temporality in the Infrastructural Experience of Uber Sanna Jamila Ali, Stanford University
Synchronization and the Timework of Code Development in Physics Seth Erickson, Penn State University
When Is Information? Brian Justie, Department of Information Studies, UCLA
The Production of a Femtosecond Pulse Filip Vostal, Institute of Philosophy of the Czech Academy of Sciences
Session Organizer:
Roderic Crooks, Informatics, UC Irvine

264. STS and the Subject
Single Paper Submission
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
Individualizing Children Who Are Diagnosed with Autism Spectrum Disorders Doug Maynard, University of Wisconsin; Lucas Wisco, University of Wisconsin-Madison
The production of subjectivities in a division of applied psychology: techniques of self, mixtures and purifications Arthur Arruda Leal Ferreira, Federal University of Rio de Janeiro (UFRJ)
De-Alienating the Othered Selves of an Impaired One: The Use of Internal Family Systems Therapy (IFS) to Treat Autoimmunity in the UK Marcio Vilar, University of Sussex
Integrating Discourses in an EMR Organizational Change Project Benoit Cordelier, Université du Québec à Montréal (UQAM)
Is the need to belong to ethnic associations in the U.S. dying among highly skilled Asian Indian immigrants? Meghna Sabharwal; Roli Varma; Zeeshan Noor, The University of Texas at Dallas
Session Organizer:
JUAN Felipe ESPINOSA, Universidad Nacional Andrés Bello
Chair:
Marcio Vilar, University of Sussex

265. STS as Critical Pedagogy: Experiments in Undergraduate Teaching and Learning - II
Papers for Open Panels/STS as Critical Pedagogy: Experiments in Undergraduate Teaching and Learning
Open Panel
9:45 to 11:15 am
266. Power, Drivers, and Narratives in Sustainable Energy Transitions - II
Papers for Open Panels/Power, Drivers, and Narratives in Sustainable Energy Transitions
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B

Participants:
- Fossil Fuel Infrastructure: Labor, Technology, and Expertise
  Kelly Joyce, Drexel University; Diane Scocotte, Drexel University
- India’s energy future: Contested narratives of change Aniruddh Mohan, Carnegie Mellon University; Kilian Topp, EWS
- Exporting energy democracy? Comparing sociotechnical imaginaries of electricity in India and Morocco Sharlissa Moore, Michigan State University; Monamie Bhadra Haines, Nanyang Technological University
- Social consequences of rapid energy systems change: Mexico’s energy transition Carlo Altamirano, Arizona State University
- Women Safety In Future E-Mobility: A Case Study Of Women Commuters of Delhi, India Swati Kumari, Ph.D Scholar at Jawaharlal Nehru University, India; Rajbeer Singh, Assistant Professor at Centre for Studies in Science Policies, Jawaharlal Nehru University, India

Session Organizers:
- Carlo Altamirano, Arizona State University
- Saurabh Biswas, Arizona State University

267. Science Communication - II: Making Science in Public
Papers for Open Panels/Science Communication: Making Science in Public
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion

Participants:
- A risky object? The politics of ascribing health and environmental risks to microplastics in media and scientific discourse. Sarah Maria Schönauer, Technical University of Munich; Ruth Müller, MCTS TU München
- Hidden Value: Investigating the Physics Demonstration as Aesthetic Experience Sydney Ozeliah Seese, Michigan State University; Megan Halpern, Michigan State University; Kathleen Hinko, Michigan State University
- Public expertise challenged: scientists’ views on hidden forms of censorship Esa Tapani Väliverronen, 030557-241E;

Session Organizers:
- Nayantara Sheoran Appleton, Victoria University of Wellington
- Sandra Bärnreuther, University of Zurich
270. The New Bioeconomy in Eggs: Innovations, Interruptions and Regenerations in the Management of Human Oocytes

Closed Panels
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A

Participants:
The Reproduction of Race in Virtual Gamete Donation Markets  
Erin Heidi-Forsythe, Pennsylvania State University
Mitochondrial donation: a new solution for infertility in the reproductive bioeconomy?  
Cathy Herbrand, De Montfort University; Nicky Hudson, De Montfort University
Institutional categories on autologous oocyte vitrification in France through women’s experiences  
Yolindizizi Pérez HERNANDEZ, EHESS/Ined
Egg banks, intermediaries and donor introduction websites: mapping new agents in the European bio-economy  
Nicky Hudson, De Montfort University
Whose eggs? Controlling the movement and autonomy of human eggs in the Scandinavian countries.  
Charlotte H. Kroløkke, University of Southern Denmark
Are Egg Donors Patients Too? Eggonomics, Bio-profits, and the Implications for Egg Donor Care  
Diane Tober, University of California, San Francisco

Session Organizers:
Nicky Hudson, De Montfort University  
Cathy Herbrand, De Montfort University

271. Evaluation of Academic Science and Scientists: Perspectives from Latin America - II

Closed Panels
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:
Strategies of researchers to deal with tensions between academic evaluation processes and research practices  
Constanza Beatriz Pérez-Martelo, Universidad Central, Colombia; José Henrique Mejía-Quiroga, Universidad Central, Colombia; Yaddy Paola Ninó Sandoval, Universidad de la Sabana, Bogotá
The proposal of solidarity-based technoscience as an evaluation criteria  
Renato Dagnino, Universidade Estadual de Campinas, UNICAMP
The ontology of evaluation of academic science: Challenges to Latin America Marx Jose Gomez Liendo, Instituto Venezolano de Investigaciones Científicas; Maria Victoria Canino, Instituto Venezolano de Investigaciones Científicas
New and old critiques on the evaluation of academic science: implications in the Latin American context  
Noela Invernizzi, Universidade Federal do Paraná; Amilcar Davyt, Universidade de la Republica

Session Organizers:
Noela Invernizzi, Universidade Federal do Paraná  
Mariela Bianco, Universidade de la Republica

272. Innovation Under Fire: Shifting Imaginaries of Science, Technology and Society Governance – II

Papers for Open Panels/Innovation Under Fire: Shifting Imaginaries of Science, Technology and Society Governance

Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B

Participants:
Marginalized Online Activists Ending Violence Against Women in Canada: The Role of Digital Feminist Consciousness-Raising  
Nasreen Rajani, Carleton University
Intimate Demolitions: Violence, Repair, and Colonial Technologies in Urban Morocco  
Daniel Williford, University of Michigan
How the State Resists: Sociotechnical Strategies of Information Control during Freedom of Information Request Processes  
Guillen Torres, University of Amsterdam
Media Scarcity on the New Silk Road: A Study of the Pakistan Fiber Optic Cable  
Ayesha Omer, New York University
Responding to the Violent and Extractive Logic of Data Mining with Environmental Data Justice  
Pierre-Benoit Joly, Lisis

Session Organizer:
Firuzeh Shokooh-Valle, Franklin and Marshall College

Chair:  
Isabel Gabel, University of Pennsylvania
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Coralis are not only disappearing Aida Sofia Rivera Sotelo, University of California - Davis
Rethinking "Science": Oesophageal Cancer Research And Prevention In China Since 1958 Danping Wang, Columbia University
Security is a Relation Dana Simmons, University Of California Riverside
Pharmaceuticals in Divergence: Chakachua (Fakes), Fugitive Science, and Postcolonial Critique in Tanzania Laura Meek, University of California, Davis
Session Organizer: Julia Morales Fontanilla, UC Davis
Chairs: Laura Meek, University of California, Davis
Julia Morales Fontanilla, UC Davis
Discussant: Tania Pérez-Bustos, National University of Colombia

Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
Occult Evidence for Predicting Social Phenomena Katja Mayer, Vienna University
Electronic Control Weaponry: Life Saver? Corporate Non-Lethality as Safety and the Medically Authorized Weaponization of Pain Chahinez Bensari
Acoustic Surveillance in Brazil Leonardo Cardoso, Texas A&M University
Infrastructuring Global Health Security: Technicalities of Administrative Technologies Carolin Thiem, VDI/VDE-Innovation and Technology GmbH
Session Organizer: Nina Klimburg Witjes, Vienna University
Chair: Nikolaus Pöchhacker, MCTS, Technical University of Munich
Discussant: Geoffrey C. Bowker, University of California, Irvine

276. Elements: Thinking our Present Elementally - II
Papers for Open Panels/Elements: Thinking our Present Elementally
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Geontology: Indigenous Transit and the New Ele-mentality Tyler Morgenstern, UC Santa Barbara
The "Elemental" Potency of Climate to Think Communication in the Anthropocene Susana Oliveira Dias, University of Campinas; Antonio Carlos Rodrigues de Amarim, University of Campinas; Renato Salgado de Melo Oliveira, Institute Federal Baiano
The elementary forms of electronic life: exploring metallic affects with Deleuze and Simondon Pedro Peixoto Ferreira, Unicamp

The Ontic-Epistemic Imaginary of the Five Elements, Yin and Yang and Cosmic Breath Qi Rey Tiquia, University of Melbourne
Not a Small Matter: STS, Postcolonial Theory and Insect Extinction Diane M. Rodgers, Northern Illinois University
Session Organizers:
Timothy Neule, Deakin University
Courtney Addison, Victoria University of Wellington
Thao Phan, University of Melbourne, Australia

277. Between Technological Determinism and Social Shaping - II: The Ownership and Control of Digital Assets
Papers for Open Panels/Work, Livelihood and Identity in the Informal Sector
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Informal Workers Commons in India: Exploring Ownership and Decision Making in User-Owned Digital Platforms Ravi Shukla, Jawaharlal Nehru University
“It’s about doing something” (Techno)Citizenship in democratic societies Carolin Thiem, VDI/VDE-Innovation and Technology GmbH
Participatory ontologies for local democracy Helen Graham, University of Leeds
Reimagining users as data controllers Audrey Le
The Invisible Work of Open-Source Software Maintenance Dorothy Roe Howard, UC San Diego Department of Communication & Design Lab; R. Stuart Geiger, UC-Berkeley Institute for Data Science; Lilly Irani, University of California, San Diego; Alexis Paxton, University of Connecticut; Nelle Varoquaux, University of California, Berkeley; Chris Holdgraf, University of California, Berkeley
Session Organizer: Ravi Shukla, Jawaharlal Nehru University

278. Becoming “Data-Driven”: Burgeoning Data Cultures and Liminality in Civil Service - II
Papers for Open Panels/Becoming “Data-Driven”: Burgeoning Data Cultures and Liminality in Civil Service
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
Engineering Ethics: Techniques and Technologies in the Moral Economy of Homeless Social Services Jolen Martinez, Rice University
Multiple Meanings of Data-Driven Governance: Facebook and Civil Service in Southern Cambodia Margaret Jack, Cornell University; Nicola Dell, Cornell Tech
Ontologies of Difference in Data Collection: Disability and the Indian Census Kim Fernandes, University of Pennsylvania
Open Data in Practice: Future Challenges and Provocations. Suneele Jethani, University of Melbourne
Session Organizer: Leah Horgan, University of California, Irvine

279. Experimental Infrastructures: Material Insufficiency, Scale, and the Question of (Im)possibility - II
Papers for Open Panels/Experimental Infrastructures: Material Insufficiency, Scale, and the Question of (Im)possibility
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
- Experimental Education Infrastructures: Centering Climate Justice Brandon Costelloe-Kuehn, RPI
- Infrastructures of Anticipation: exploring emergent civil society strategies (of resistance) to pervasive surveillance and data exploitation Becky Kazansky, University of Amsterdam
- The politics of repair in a time of collapse Nicholas Beuret, University of Essex.

To Build A Better Internet You Must First Create The Universe: Prefigurative Infrastructure Design Dawn Walker, Faculty of Information, University of Toronto
Whose Rape Kit? Stabilizing the Vitullo Kit Through Positivist Criminology and Protocol Feminism Renee Shelby, Georgia Institute of Technology

Session Organizers:
Brandon Costelloe-Kuehn, RPI
Guy Schaffer, Rensselaer Polytechnic Institute

Chairs:
Brandon Costelloe-Kuehn, RPI
Guy Schaffer, Rensselaer Polytechnic Institute

280. Autonomous Vehicles - II: Visions and Imaginaries for Autonomous Systems
Papers for Open Panels/Autonomous Vehicles and Digitalization of the Transport Sector: Contestation and Co-production of Emerging Technologies
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
- Autonomous Vehicles and the Automobile Imaginary Richard Randell, Webster University; Robert Braun, Institut für Höhere Studien Vienna
- Reshaping Stavanger? Autonomous Buses. Intelligent Infrastructures and the Sociology of Expectations in Urban Transport Bård Torvetjønn Haugland, Norwegian University of Science & Technology (NTNU)
- Driven by the Data: A Scenario Analysis Approach to Data Security and Autonomous Vehicles Samuel Kodua, James Madison University
- Autonomous Vehicles In Global Semi-Peripheries Aleksandra Lis, Universytet im. Adama Mickiewicza w Poznaniu

Session Organizer:
Roger Andre Sorraa, NTNU
Chair:
Jack Stilgoe, University College London

281. Collective Memory: Conflict, New Media, and Community Agency
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
- Epigenetics as Embodied Memory: the Benefits of Interdisciplinary Approaches Sana Saboowala, University of Illinois at Urbana-Champaign
- Global reflections on information systems and collective memory of conflict: silenced narratives, emergent narratives Santiago Nuñez-Corrales, University of Illinois at Urbana-Champaign
- Radio Sutatenza: Collective memory as a facilitator of a popular
education project Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign
- Memory for the Design of Possible Alternative Futures Claudia Grisales-Bohórquez, University of Illinois at Urbana-Champaign
- Memory Labor and Nostalgia: When a Technology of Resistance becomes a Tool for Control Allan A Martell

Session Organizers:
Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign
Sana Saboowala, University of Illinois at Urbana-Champaign

282. Games, Virtual Technologies, and STS - II
Papers for Open Panels/Games, Virtual Technologies, and STS Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:
- Bales of Amber - Exploring Humanity and Ecological Disasters in a Video Game Jennifer Anne Bourke, Rensselaer Polytechnic Institute
- Making the Board: Participatory Game Design for Environmental Action Katherine Ball, Arizona State University; Kirk J albert, Arizona State University
- STS Theoretical Approaches and Video Game Localization: Innovating ideas Marina Fontolan, Universidade Estadual de Campinas; Léa Maria Leme Velho, UNICAMP; Janaina Pamplona da Costa, UNICAMP; James Malazita, Rensselaer Polytechnic Institute
- Virtual Reality and the Social Imaginary: Real and Imagined Experiences in the Public Library Negin Dahya, University of Washington; Jin Ha Lee, University of Washington; Kung Jin Lee, University of Washington; W.E. King, University of Washington

Session Organizer:
James Malazita, Rensselaer Polytechnic Institute

283. Undergraduate Program Forum
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Session Organizer:
Alison Kenner, Drexel University
Chairs:
Amy Kuritzky, Rice University
Hined A Rafih, Rensselaer Polytechnic Institute

284. Transforming Subjects into Objects
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
- Accidents Happen: Three Evaluations of Algorithmic Accidents John Cheney-Lippold, University of Michigan
- Sentimental Publics On Display Angela Xiao Wu, New York University
- Test Your Bias! Digital Cultures of the Implicit Association Test, 1998-present Kira Lussier, University of Toronto
- Sexy Data Patrick Keilty, University of Toronto

Session Organizer:
Patrick Keilty, University of Toronto
285. **Journal of Social Epistemology Meeting**
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Session Organizer:
**Georg Theiner**, Villanova University
Discussants:
Jim Collier, Virginia Tech
Steve Fuller, UNIVERSITY OF WARWICK
Joan Leach, Australian National Centre for the Public Awareness of Science
Adam Riggio, Royal Crown College of Business and Technology
Robert Frodeman, University Of North Texas
Adam Briggle, University of North Texas
Raphael Sassower, University of Colorado, Colorado Springs
Francis Remedios, Independent Scholar
Alcibiades Malapi-Nelson, Humber College
Orestis Palermos
Kean Birch, York University
Gwen Ottinger, Drexel University
Luis Ignacio Reyes-Galindo, State University of Campinas - UNICAMP

286. **Social Studies of Science (3S) Journal Meeting**
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Session Organizer:
**Sergio Sismondo**, Queen's University

287. **Trans STS Interest Group Meeting**
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Session Organizer:
**Tristan Gohring**, Indiana University - Bloomington

288. **Ethnografilm 2019 - III**
Closed Panels
Special Event
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Session Organizer:
**Wesley Shrum**, Louisiana State University

289. **Transnational STS Working Group Meeting**
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Session Organizers:
Kim Fortun, University of California Irvine
Duuyu Kasdogan, İzmir Katip Çelebi Üniversitesi
Discussants:
Alok Khandekar, Indian Institute of Technology Hyderabad
Meral Erol, Isik University
Ozgur Narin, Ordu University, Turkey
Ebru Yetiskin, IstanbulLab – Science, Technology and Society

290. **STS at the National Science Foundation: Funding Opportunities and Proposal Development**
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Session Organizer:
**John Parker**, National Science Foundation

291. **Making and Doing Roundtable**
Closed Panels
Roundtable Workshop
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer
Session Organizers:
Endre Dányi, Bundeswehr University Munich
Elaine Gan, New York University
Jennifer J Henderson, Cooperative Institute for Research in Environmental Sciences
Melanie Ford, Rice University
Kristin Gupta, Rice University, Department of Anthropology
Nick Shapiro, Chemical Heritage Foundation
Scott Knowles
Kim Fortun, University of California Irvine
Fallon Samuels Aidoo, Harvard University Graduate School of Design

292. **Is there a New PLACTS Wave? Towards a Stocktaking of Current Latin American (STS) Thought**
Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Is there a New PLACTS Wave? Renato Dagnino, Universidade Estadual de Campinas, UNICAMP
Identities of Latin American STS Scholarship: towards a conceptual framework Nicolas Aguilar Forero, Universidad de los Andes; Alejandro Balanzí, Universidad Externado de Colombia
The daily, and uncertain, forecasting of the future: An STS approach to the production of environmental performance tools. José Antonio Ballesteros Figueroa, University of Edinburgh
Session Organizers:
Alejandro Balanzí, Universidad Externado de Colombia
Ernesto Andrade-Sastoque, University of Twente
Nicolas Aguilar Forero, Universidad de los Andes
Rodolfo Andres Hernandez, Universidad de Cundinamarca
Chairs:
Ernesto Andrade-Sastoque, University of Twente
Rodolfo Andres Hernandez, Universidad de Cundinamarca
Discussants:
Tania Pérez-Bustos, National University of Colombia
Gonzalo Ordonez-Matamoros, Universidad Externado de Colombia
293. How Collections End: Objects, Meaning and Loss in Laboratories and Museums - I
Papers for Open Panels/How Collections End: Objects, Meaning and Loss in Laboratories and Museums
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
The Ends of Race Jenny Reardon, UC Santa Cruz
Frozen Futures: Crafting Natural History in a Genomic Age Adrian Van Allen, UC Berkeley / Smithsonian NMNH
The Passing of the Paleoamericans: Kennewick Man/The Ancient One and the End of a Non-Indian Ancient America Ann Kakassisuras, Whittier College
Reimagining Collections of Skulls and Measurement Instruments: The Shifting Fortunes of Objects in the Circulation of Anthropometric Knowledge Thiago Pinto Barbosa, Leibniz-Zentrum Modermer Orient
Murky Provenance: The Retreat of an Anatomical Collection Kathryn Holihan, University of Michigan
De/post/colonial legacies and futures: the surprising afterlife of a statue of biologist and ethnologist Baldwin Spencer Emma Kowal, Deakin University
Session Organizers:
Jenny Bangham, University of Cambridge
Emma Kowal, Deakin University
Chair:
Jenny Bangham, University of Cambridge

294. Feminist Technoscience by Other Means: Reconfiguring Research Practices for World-Making Beyond the Academy - I
Papers for Open Panels/Feminist Technoscience by Other Means: Reconfiguring Research Practices for World-Making Beyond the Academy
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Appropriating Space for Practices of Self-Care Jenny Epstein
Contesting Biological Binaries: Feminist Interventions in the Regulation of Gender and Sex Inclusion in Biomedicine Madeleine Pape, Northwestern University; Sophie A. Romero, University of Wisconsin-Madison
Diffractive Readings:
NewMaterialism_Cyberfeminism_Computing Goda Klumbyte, University of Kassel; Loren Britton, University of Kassel; Claude Draudé, University of Kassel, Germany
"Do You Need Help?:" Archival Meaning Making at the Newberry Library Jessica M. Lapp, University of Toronto
Session Organizers:
Lisa Lehner, Cornell University
Jade Vu Henry, Goldsmiths, University of London

295. Reciprocal Capture: Symbiosis As Object And Concept In STS-Research
Papers for Open Panels/Reciprocal Capture: Symbiosis As Object And Concept In STS-Research
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
Following Corals: Toward A Symbiotic Art Of Living

296. Bad Queers, Bold Crips, and Black Femmes - I: Disability Politics and Crippling Biomedicine
Papers for Open Panels/Bad Queers, Bold Crips, and Black Femmes: Building Up an STS for Deviants
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
As Lucky and as Trashy as the Sun July Hazard, University of Washington
Biosociality Without Biomarkers: Impairment, Fatigue, and the Making of a Contested Diagnosis Emily Rogers, New York University
'Disability Worlds': Enacting Positive Imaginaries of Difference Gareth Thomas, Cardiff University
#CripTheVote: How Disabled Activists Used Twitter for Political Engagement During the 2016 Presidential Election Heather Rose Walker, University of Illinois at Chicago
Session Organizers:
Jallicia Jolly, The University of Michigan
Stephen Molldrem
Kate O'Connor, University Of Michigan, Ann Arbor
Discussant:
Kate O'Connor, University Of Michigan, Ann Arbor

297. Diagnosing Death: Critical STS Perspectives - I
Papers for Open Panels/Diagnosing Death: Critical STS Perspectives
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
Brain Death as Local Knowledge: The Standardization of Harvard Definition Fan Zou, Tsinghua University
Deceased Organ Donation and an Ethics of Sustainability Carlos Novas, Carleton University; Amanda van Beinum, Carleton University
"Should We Turn Off the Defibrillator?" Geographies of Rights and Responsibilities in Technology-mediated Dying Trajectories Nelly Oudshoorn, Mv.
Dead Mothers, Live Births Lindsey Breitwieser, Indiana University Department of Gender Studies
Session Organizer:
Dylan Thomas Lott, Center for Healthy Minds/University of Wisconsin-Madison

298. Modeling Health Futures: Practices of Assuming, Anticipating, and Forecasting - I
Papers for Open Panels/Modeling Health Futures: Practices of Assuming, Anticipating, and Forecasting
Open Panel
1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A

Participants:

Domesticating Uncertainty: The “Infection” of the Mathematical Model of Infectious Diseases  
Aiko Hibino, Hiroasaki University, Faculty of Humanities and Social Sciences

Health Models: Part of a Model World?  
Rebecca R Henderson, University of Florida; Marii Ostebo, University of Florida

Complexity and Simplicity: A Critique of Simulations and Modelling in Pandemic Preparedness and Response  
Elisa Pieri, The University of Manchester

The Reed-Frost Model: Epidemic Complexity and Analytical Epidemiology  
Lukas Engelmann, University of Edinburgh

Session Organizers:

Lukas Engelmann, University of Edinburgh  
Marlee Tichenor, University of Edinburgh

299. Technicalities of Trust and Technologies of Sensing

Papers for Open Panels/Technicalities of Trust and Technologies of Sensing

Open Panel 1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A

Participants:

Build trust during an industrial accident  
Elisa Gisquet, IRSN

Trust and Vulnerability as Technoscientific Practice  
Benjamin Haber, The Graduate Center, City University of New York

Trust the Pill: Why and How Benzodiazepines and Antidepressants are (Highly) Consumed According to Users  
Andrea Clara Bielli, Universidad de la República; María Pilar Bacci, Universidad de la República; Nancy Beatriz Calisto, Academic, University of the Republic (Uruguay); Lauren Predebon, Universidad de la República (Uruguay); Virginia Rodríguez Otero, UDELAR

Verifying Paper Money: Quality-Control and the Materialization of Trust  
Aleksandra Kamińska

When You Know: Trust and Authority in Medical Diagnosis and Decision Making  
Phaedra Daipha, D3-Allstate

Session Organizers:

Charlie Lotterman, Rice University  
Svetlana Borodina, Rice University

300. Becoming Otherwise: STS Inroads into Techniques of the Better Self - I: Potential

Papers for Open Panels/Becoming Otherwise: STS Inroads into Techniques of the Better Self

Open Panel 1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B

Participants:

Potential: A History of Becoming Otherwise  
Kasey Koholan, York University

Becoming otherwise: bettering the self, bettering STS?  
Sara Bea, Linköping University, Technology and Social Change; Steve Woolgar, Linköping University

Stopping Becoming Otherwise: Psychedelics as a Technology for Regaining the Self  
Claudia Schwarz-Plaschg, University of Vienna / Harvard University

Romping Boars, Ambitious Cunts, or Making of the Carelessly (Self-)Caring Subject in the Digital Feminist Activism in

Contemporary Korea  
Jieun Lee, University of Copenhagen

Neuropsychoanalysis And Foucault: Reevaluating Disciplinary Practices Of The Self  
John Blatzheim, Rice University

Session Organizer:

Sara Bea, Linköping University, Technology and Social Change

Chair:

Steve Woolgar, Linköping University

301. STS and Universities - I

Papers for Open Panels/STS and Universities

Open Panel 1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D

Participants:

Transforming research into teaching. Universities as machineries of relevance  
Knut H Sorensen, NTNU. Dept. Of Interdisciplinary Studies Of Culture; Lina Ingeborgrud

Revisiting the Notion of Third Mission of Universities: Social Cooperation and Science-Production Cooperation. Fabian Andres Britto, National University of Quilmes

Assembling and Enacting the Impact Agenda Jonathan Paylor, Kings College London

Improving Gender Imbalance Among University Professors: Local Perspectives And Participatory Learning  
Vivian Anette Lagesen, NTNU; Siri Øyslebø Sørensen, Norwegian University of Science & Technology (NTNU); Guro Korsnes Kristensen, Norwegian University of Science and Technology

Persistent Modernizations: Mathematics, the Human Sciences, and the Interdisciplinary University  
Clare Kim

Philanthropy’s Role in Regenerative and Innovative Knowledge Making at Universities in an Age of Uncertainty - Trends, Analysis and Predictions  
Diane Gu, UCLA

Session Organizers:

Knut H Sorensen, NTNU. Dept. Of Interdisciplinary Studies Of Culture  
Sharon Traweek, UCLA

Chair:

Wiebe E. Bijker, Universiteit Maastricht


Papers for Open Panels/Black Feminist Health Science Studies: Exploring New Possibilities

Open Panel 1:15 to 2:30 pm  
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E

Participants:

Bridging Black Feminist Theory and Qualitative Methods: The Case for a Black Feminist Methodology  
Jennifer James, University of California, San Francisco

Sick/Not Sick: Intuition, Racism, and Seeing Sickness in Medical Training  
Adeola Oni-Orisan, UC San Francisco/UC Berkeley

Race, Modernity, and Hospital-ity: Questioning the Intervention Space of Clinical Volunteerism  
Yesmar Semaj Oyarzun, Rice University

Transgressive Danger: HeLa, Purity, and Contamination  
James Doucet-Battle, University of California, Santa Cruz
Session Organizer:

Michelle Munyikwa, University of Pennsylvania

303. Science, Technology and Society in Outer Space - I
Papers for Open Panels/Science, Technology and Society in Outer Space
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
A Cosmopolitics of Outer Space Juan Francisco Salazar, Western Sydney University
Meta-space: 50 years of STS in outer space Valerie Olson, UC Irvine
Outer space: a techno-scientific realm calling for more social studies Piero Messina, European Space Agency
Dreams of Escape: STS meets the New Space Race Kate O’Neill, UC Berkeley
Session Organizer:
Juan Francisco Salazar, Western Sydney University
Discussant:
Lisa Messeri, Yale University

304. The Matter of Photography: Decay, Conservation, Afterlives
Papers for Open Panels/The Matter of Photography: Decay, Conservation, Afterlives
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Fixing and Fading: preservation anxieties and material histories in photographic science Chitra Ramalingam, Yale University
Archival and Evidential Aesthetics in Cypriot Documentary Photography Elizabeth Anne Davis, Princeton University
Portrait and Scan Jenna Grant, University of Washington
Infrastructures of Color and the "Skins" of Mark Rothko’s Paintings Grace Kim, Massachusetts Institute of Technology (MIT)
Session Organizers:
Grace Kim, Massachusetts Institute of Technology (MIT)
Chitra Ramalingam, Yale University
Chair:
Grace Kim, Massachusetts Institute of Technology (MIT)
Discussant:
Chitra Ramalingam, Yale University

305. New Social Forms of the Post-Antibiotic Era: More-than-Human Hybrids, Governance and Knowledge of Human-Microbe Relations - I
Papers for Open Panels/New Social Forms of the Post-Antibiotic Era: More-than-Human Hybrids, Governance and Knowledge of Human-Microbe Relations
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Irreconcilable compatibilities? Connections and divergences between the One Health agenda and a more-than-human approach in AMR policy Jose A. Cañada, University of Helsinki
Dissonant Harmonies: agency and vulnerability in AMR response Andrea Butcher, University of Helsinki
Bacterial vaccine development in Benin, West Africa: anticipating the post-antibiotic world Salla Sariola,

University of Helsinki
The perils and promises of phage therapy in the fight against AMR Charlotte Brives, CNRS; Jessica Pourraz, Université de Bordeaux
Bacteria, surfaces and biomaterials Anne Lie, University of Oslo
Session Organizers:
Salla Sariola, University of Helsinki
Jose A. Cañada, University of Helsinki

306. Co-creating or Testing Scalable Societies? Test Beds and Living labs as Emerging Innovation Policy Instruments - I
Papers for Open Panels/Co-creating or Testing Scalable Societies? Test Beds and Living labs as Emerging Innovation Policy Instruments
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Co-creating with robots: Testing knowledge and designing futures for our aging societies Carlos Cuevas-Garcia, Technical University of Munich; Kyriaki Papageorgiou, ESADE Business & Law School
(De-)Constructing Publics? Living Labs and the Demos Problem Anja Kathrin Ruess, Munich Center for Technology in Society, Technical University of Munich
(energy) Future-Making in and through Test Beds Franziska Engels, Munich Center for Technology in Society (MCTS) / Berlin Social Science Center (WZB); Sebastian Michael Pfotenhauer, Technical University Munich; Alexander Wentland, Technical University of Munich
Evaluation Strategies for Responsible Innovation Meaghan Brierley
Imagining and designing scalability of Living Labs Franziska Luise Stephanie Soergel; Andrea Schikowitz, MCTS

Session Organizers:
Gianluigi Viscusi, EPFL
Jack Stilgoe, University College London
Brice Laurent, Centre de sociologie de l'innovation, Mines ParisTech
Sebastian Michael Pfotenhauer, Technical University Munich
Sophie Nyborg, Technical University of Denmark - DTU
Chair:
Gianluigi Viscusi, EPFL

Papers for Open Panels/Disturbances, Recreation, and Renovation of Labor: AI, Robots, Platforms, and Algorithms
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
Blood, Sweat and Tests: Labor and automation in South African transfusion services Emily Avera, Brown University
Expert and Lay Perceptions of Risks Associated with Artificial Intelligence Sam Eli White, University of Idaho; Dilshani Sarathchandra, University of Idaho
Predicting disruptions: examining the exercise of prediction to think about labor and technology Pedro Pablo Seguel,
308. Precision and Uncertainty in a World of Data - I

Papers for Open Panels/Precision and Uncertainty in a World of Data
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:
- Brains to Brawn?: A Political Interruption of Big Data in Smart-City Rio de Janeiro Alessandro Angelini, Johns Hopkins University
- Data Citizens and the Right to Data Jennifer Gabrys, Department of Sociology
- The Networks of Judicial Concepts: Surveillance, Privacy, and Data Feena Das, Johns Hopkins University

Session Organizers:
- Emmanuel Henry, Université Paris-Dauphine, PSL University
- Pedro Pablo Seguel, University of Texas at Austin
- JUAN Felipe ESPINOUSA, Universidad Nacional Andrés Bello
- Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach
- Jorge Feregrino, FES Acatlán UNAM

310. Repetition and Replication across Epistemic Cultures

Papers for Open Panels/Repetition and Replication across Epistemic Cultures
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
- Repetition and Replication in the Laboratory and Beyond Sarah Klein, University of Waterloo
- Field Philosophy as Ideographic Knowledge Robert Frodeman, University Of North Texas
- The Promise of Standardization: Lessons from an Epistemic Crisis in Toxicology Colleen Lanier-Christensen, Harvard University
- Politics and Facts: Ideas of Reliability in Humanistic Studies Bernadette Longo, New Jersey Institute of Technology

Session Organizers:
- Bart Penders, Maastricht University
- Sarah de Rijke, Centre for Science and Technology Studies (CWTS)
- J Britt Holbrook, New Jersey Institute of Technology

Chair:
- Bart Penders, Maastricht University

311. Alternative Pedagogies at the Crux of Interdisciplinarity: Promises and Pitfalls of “Innovating” Education - I

Papers for Open Panels/Alternative Pedagogies at the Crux of Interdisciplinarity: Promises and Pitfalls of “Innovating” Education
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
- Constructing STS and IS in a comprehensive polytechnic university Sarah Klein, University of Waterloo
- Design + STS: Challenges and Opportunities for Pedagogy in a Post-Disciplinary Laboratory Daniel Cardoso Llach, Carnegie Mellon University; Daragh Byrne, Carnegie Mellon University; Mine Ozkar, Istanbul Technical University
- Re-Thinking Design Pedagogies with STS: How Science and Technology Studies (STS) came to matter in architectural education Hannah Varga, Humboldt University Berlin

Innovating at the margins, Regenerating in the middle: Constructing STS and IS in a comprehensive polytechnic university Elizabeth A Lowham, California Polytechnic State University; Dawn Neill, Cal Poly State University, San Luis Obispo; Jane L Lehr, California Polytechnic State University

Session Organizers:
- Yuna Boeva, Nuremberg Institute of Technology
- Ellen K Foster, Purdue University
- James Malazita, Rensselaer Polytechnic Institute
313. STI and SDGs in Developing Countries - I
Papers for Open Panels/Science, Technology and Innovation Policies; and the Attainment of Sustainable Development Goals in Africa
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Policy Options for Stimulating Innovation Culture 4Sustainable Development in a Developing Economy Caleb Mayiwa Adelowo, National Centre for Technology Management, Nigeria; Willie Owolabi Siyanbola, Obafemi Awolowo University
Science, Technology and innovation indicators for monitoring the implementation of SDGs in Africa Emmanuel Ejim-Eze, Institute of Engineering, technology and innovation Management; Deborah Ogohuchu Ejim-Eze, Foundation for Sustainability Science in Africa/Obafemi Awolowo University, Ile-Ife
Technology Innovation and Nigeria’s Development: Reframing Policy Discourse for Achieving Economic Growth David Adeyeye, National Centre for Technology Management, Ile-Ife, Nigeria
Beyond 2030: Leveraging Knowledge and Innovations to Achieve the SDGs Isayvani Naicker, African Academy of Sciences
Session Organizer:
Emmanuel Ejim-Eze, Institute of Engineering, technology and innovation Management

314. Postphenomenology - I: Smart Technologies
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Smart Environments: Exploring the Implications of the Next

315. How Collections End: Objects, Meaning and Loss in Laboratories and Museums - II
Papers for Open Panels/How Collections End: Objects, Meaning and Loss in Laboratories and Museums
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
How Do London Museums Construct Space Science and Technologies In Their Permanent Galleries? Eleanor Armstrong, University College London
No Collection Is An Island – On The Dynamics Of Art Collections And Their Ends. Annika Capelán, Independent/Aarhus University
The Discarding of a Museum Classification. An invisible End Tiziana Beltrame, EHESS CAK Centre Alexandre Koyré
Was this an Ending? The Destruction of Samples and Deletion of Records from the UK Police National DNA Database David Skinner, Anglia Ruskin University; Matthias Wiernoth, Policy, Ethics & Life Sciences Research Centre, Newcastle University
Stock centres and the curation of living Drosophila collections Jenny Bangham, University of Cambridge
Session Organizers:
Emma Kowal, Deakin University
Jenny Bangham, University of Cambridge
Chair:
Emma Kowal, Deakin University
Discussant:
Lukas Rieppel
317. Future of Politics and Politics of the Future - I
Papers for Open Panels/Future of Politics and Politics of the Future
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
Can state surveillance be otherwise? Unpacking the politics of personal identification numbers Baki Cakici, IT University of Copenhagen
Demographic Futures as Temporal Politics Michael Rodríguez-Muñiz, Northwestern University
Ontohegemonical objects, infrastructure of hegemony and stabilisation of desired future Andrzej Wojciech Nowak, Philosophy Institute Adam Mickiewicz University
Science, STS and Populism: why democracies need science studies Rob Evans, Cardiff University; Harry Collins, Cardiff University
The limits of "socio-technical imaginaries" and "co-production" as a way to know about the future Nicholas James Rowland, The Pennsylvania State University
Session Organizers:
Jan-Hendrik Passoth, Technische Universität München
Nicholas James Rowland, The Pennsylvania State University
Matthew Spaniol, Arhus University

318. Bad Queers, Bold Crips, and Black Femmes - II: Sexual and Gender Deviance in and Beyond Biomedicine
Papers for Open Panels/Bad Queers, Bold Crips, and Black Femmes: Building Up an STS for Deviants
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
Queer temporalities in river sciences Cleo Woelfle-Erskine, UW Seattle
Sex Told and (Re)told: Queering Sexed Bodies Banu Subramaniam, University of Massachusetts Amherst
Session Organizers:
Stephen Molldrem
Jallicia Jolly, The University of Michigan
Kate O’Connor, University Of Michigan, Ann Arbor
Discussant:
Jallicia Jolly, The University of Michigan

319. Diagnosing Death: Critical STS Perspectives - II
Papers for Open Panels/Diagnosing Death: Critical STS Perspectives
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
322. Becoming Otherwise: STS Inroads into Techniques of the Better Self - II: Limits and Agency
Papers for Open Panels/Becoming Otherwise: STS Inroads into Techniques of the Better Self
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Becoming the label - life after the diagnosis of bipolar disorder patients Piotr Maron, University of New South Wales; Martyna Gliniecka, Wrocław University
Self-transformation Narratives of Psychopharmacological Users in Uruguay Andrea Clara Bielli, Universidad de la República; Gabriela Lilián Bruno, Universidad de la República; Carolina Geneyro Saldombre, Universidad de la República (Uruguay); Santiago Navarro, Universidad de la República, Uruguay
Project the future: temporality and subjectivity in chronic pain rehabilitation Else Vogel, Department of Thematic Studies - Technology and Social Change, Linköping University
On becoming a hero; the entrepreneurial configuration of users and in the independent living programmes for people with Down Syndrome in Spain Joan Moya-Köhler, Open University of Catalunya; Israel Rodríguez-Giralt, Universitat Oberta de Catalunya
Mental-E-Healthy: Digital Mental Health Care In India Claudia Lang, Centre de Recherche Médecine, Sciences, Santé, Santé Mentale et Société (cermes3), Paris
Session Organizer:
Else Vogel, Department of Thematic Studies - Technology and Social Change, Linköping University

323. STS and Universities - II
Papers for Open Panels/STS and Universities
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
“Have You Achieved Robot Status Yet?”: Predictive Analytics, Universities, and the Making of Student Subjectivities Madisson Whitman, Purdue University
The Master’s Tools: Neoliberal Knowledge Governance through Algorithms Sharon Traweek, UCLA
Measured Success: Evaluators as Insiders, Outsiders, and Knowledge Producers Elisa Martinez, University of California Irvine; Laurel Smith-Doerr, University of California Berkeley; Tim Sacco, University Of Massachusetts Amherst
Questioning Transdisciplinarity in the Contemporary Research University Kari Zacharias, Concordia University
Trends, Profits, and Prophetic Expertise: Producing and Assessing Value in the Neoliberal University Christo Sims, University of California, San Diego
Session Organizer:
Knut H Sørensen, NTNU, Dept. Of Interdisciplinary Studies Of Culture
Sharon Traweek, UCLA
327. New Social Forms of the Post-Antibiotic Era: More-than-Human Hybrids, Governance and Knowledge of Human-Microbe Relations - II
Papers for Open Panels/New Social Forms of the Post-Antibiotic Era: More-than-Human Hybrids, Governance and Knowledge of Human-Microbe Relations
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Building a Better Baby: Natural Childbirth Advocacy and the Microbiome Melissa Wills
Collect, preserve and cultivate gut flora. A salvage biology Alexis Zimmer, Centre Alexandre Koyré
Domestic Flora? Tracing Human-Bacterial Relationships From Microbiome To Laboratory Through Two Journeys Of Escherichia Coli. Catherine Marijke Will, University of Sussex; Mark Erickson, University of Brighton
Microbe-Depression Connections and Imaginaries of Dysbiotic Life Ariel J Rawson, The Ohio State University
Re-colonizing the body: Crafting environments for compliant microbes Sabine Biedermann C, Technical University Berlin
Session Organizers:
Salla Sariola, University of Helsinki
Jose A. Cañada, University of Helsinki

328. Co-creating or Testing Scalable Societies? Test Beds and Living labs as Emerging Innovation Policy Instruments - II
Papers for Open Panels/Co-creating or Testing Scalable Societies? Test Beds and Living labs as Emerging Innovation Policy Instruments
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Living in the laboratory: Opting in and opting out in test bed scenarios Iris Eisenberger, University of Natural Resources and Life Sciences, Vienna; Sebastian Michael Pfotenhauer, Technical University Munich
Living labs as co-creation instruments? A spatial perspective on an emerging phenomenon Sophie Nyborg, Technical University of Denmark - DTU; Meiken Hansen, Technical University of Denmark
Pilot Projects and Test Beds as Tools of Governance and Participation in Sustainability Transitions? Marianne Ryghaug, Norwegian University of Science & Technology (NTNU); Tomas Moe Skjølsvold
Public Sector Innovation through co-production in LL environments Catherine FALLON, Liege University
Test, rinse, repeat: How to keep remaking a testbed until it holds Alexander Wenland, Technical University of Munich
Two hands on the wheel. Steering robotics innovation in useful directions Cian O'Donovan, University College London
Session Organizers:
Gianluigi Viscusi, EPFL

329. Disturbances, Recreation, and Renovation of Labor: AI, Robots, Platforms, and Algorithms - II
Papers for Open Panels/Disturbances, Recreation, and Renovation of Labor: AI, Robots, Platforms, and Algorithms
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
Digital Labor In Middle And Old Age Miao Liao, Changsha University of Science and Technology
Expertise on display – to compete in expertise on the line markets Anne Kovalainen, University of Turku, Turku School of Economics
Platforms of Surveillance Capitalism JUAN Felipe ESPINOSA, Universidad Nacional Andrés Bello; Jorge Feregrino, FES Acatlán UNAM
Surveillance Capitalism and the Global South Rafael Evangelista, Unicamp - University of Campinas
Session Organizers:
Pedro Pablo Seguel, University of Texas at Austin
JUAN Felipe ESPINOSA, Universidad Nacional Andrés Bello
Gloria Baguorrugtgui, Instituto de Estudios Avanzados - Usach
Jorge Feregrino, FES Acatlán UNAM

330. Design Approaches: Involving Disciplines, Actors and Policies in Disaster and Climate Change Research
Papers for Open Panels/Problem-seeking Design Meets Problem-solving Design: Innovative Collaboration in Multi- and Transdisciplinary Research in Floodprone Urbanized Deltas
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
How do you solve a problem like Maria? Disaster politics in Puerto Rico, Florida and Texas Charley Willson, University of Michigan; Scott Greer, University of Michigan; Melissa Creary, University of Michigan, School of Public Health; Phillip M Singer, University of Utah Department of Political Science
People’s Voices for Recognition of Climate Change in Southeast Asian Countries Midori Aoyagi, National Institute for Environmental Studies; Aya Yoshida, National Institute for Environmental Studies
Returning Earth to Mankind and Mankind to Earth: An Ecosystemic Approach to Public Policies, Education André Francisco Pilon, University of São Paulo / International Academy of Science, Health & Ecology
The Qualitative Evaluation of Sustainable Infrastructure: A Case Study of Kenya C12 Road Reconstruction Project Aobo Ran, Tsinghua University
Session Organizers:
Bee (Baukje) Kothuis, TU Delft
Nikki Brand, TU Delft

331. Precision and Uncertainty in a World of Data - II
Papers for Open Panels/Precision and Uncertainty in a World of Data
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
  Modes of Uncertainty: Negotiating Flood Risk Between Engineers, Bureaucrats, and Publics
  Robert Soden
  Representing Electricity: Economics, Physics, And Computing
  Canay Özden-Schilling, Johns Hopkins University
  The screw, the bug and the schemer: Uncertainty resulting from infrastructural ruptures and social cuts in data-driven high-energy physics. Anne Dippel, Friedrich Schiller University of Jena

The unlikely introduction of algorithmic prediction in environmental policy: learning from the ToxCast puzzle
David Demotain, INRA, LISIS

Introducing the data-oriented approach for earthquake disaster prevention policy in Japan: Prospects and Challenges
Noel Kikuchi, National Graduate Institute for Policy Studies;
Ketko Matsuo, Japan Science and Technology Agency;
Yusushi Sato, Niigata University

Session Organizer:
Jeremy Greene, Johns Hopkins University
Chair:
Steve Sturdy
Discussant:
Steve Sturdy

332. Residues: Rethinking Chemical Environments - II
Papers for Open Panels/Residues: Rethinking Chemical Environments
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
  Accretion as a way to understand residues in spaciality
  Soraya Boudia, University Paris Descartes; Scott Frickel, Brown University; Emmanuel Henry, Université Paris-Dauphine, PSL University
  Wild Boar Chase: Transgressive Residues and the Anthropocentric Tale of Containment in Coastal Fukushima
  Ryo Morimoto, Princeton University
  Lead poisonings as complex toxic assemblages: The environmentalization of the body and socio-material production of polluted bodies
  Christopher Oliver, Tulane University;
  Victor Torres Velez, Eugenio María de Hostos Community College City University of New York

It’s a micropollutant! A performant name for chemical residues
Nona Schulte-Römer, Helmholtz Centre for Environmental Research - UFZ

The Target Index: Nutrients, Growth and Planetary Enrichment
Claire Waterton, Lancaster University

Session Organizers:
Emmanuel Henry, Université Paris-Dauphine, PSL University
Jody A Roberts, Science

333. Reproducibility and Other Problems: Practical and Institutional Responses to Contemporary Crises in Science - I
Papers for Open Panels/Reproducibility and Other Problems: Practical and Institutional Responses to Contemporary Crises in Science
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus

Participants:
The Origins of Statistical Significance Testing in Medical Research
Christopher J Holmes, University of Wisconsin-Madison

Scientific Publishing and the Marketisation of Biomedical Knowledge: A Sociology of Conflict of Interest Policies
Boris Haaray, Inserm

Achieving Scientific Reliability in Climate Science via Intercomparisons: Institutional and Infrastructural Coupling
Matthew Mayernik, National Center for Atmospheric Research

No Replication, No Reality: Irreproducible Science in a Post-Truth Climate
Kelsey Ichikawa, Harvard University;
Julie Chung, Harvard University

Images, Evidence, and the Arts of Attention
Alison Gerber, Land University

Misconduct vs. Mistakes: Effects of Scientific Retractions on Trust in Science
Dilshani Rath Madejchandra, University of Idaho; Aaron McCright, Michigan State University

Session Organizer:
Aaron Panofsky, University of California, Los Angeles

334. Alternative Pedagogies at the Crux of Interdisciplinarity: Promises and Pitfalls of “Innovating” Education - II
Papers for Open Panels/Alternative Pedagogies at the Crux of Interdisciplinarity: Promises and Pitfalls of “Innovating” Education
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:

Hopeful monsters: “Can you imagine the pleasure of producing one fact?”
Matt Ratto, University of Toronto

Queer Tech Futures: STS & Community-based Technology Education
Kendall Roark, Purdue University

Promises, Promises: Exploring Hegemonic Maker Culture Discourses Through a Canadian Feminist Lens
Jessi Ring, Carleton University

Innovation from Below: Equity, Infrastructure, and Iterative Design in a High School Humanities Makerspace
Phil Nichols, Baylor University

Session Organizers:
Yana Boeva, Nuremberg Institute of Technology
Ellen K Foster, Purdue University
James Malazita, Rensselaer Polytechnic Institute

335. Data and Markets: Devices, Practices and Representations - II
Papers for Open Panels/Data and Markets: Devices, Practices and Representations
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:

From Imagined To Postulated: Creating New Consumer Conceptualisations Through Big Data Analytics
Roger von Laufenberg, University of St Andrews, School of Management

The Best Fit Algorithmic Segmentation and the Reshaping of Consumer Knowledge
Baptiste Kotras, Paris-Est University

Rethinking Digital log data:
Angela Xiao Wu, New York University; Harsh Taneja, University Of Illinois Urbana-Champaign
336. STI and SDGs in Developing Countries - II
Papers for Open Panels/Science, Technology and Innovation Policies; and the Attainment of Sustainable Development Goals in Africa
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:
Policy Options for Stimulating Innovation Culture 4Sustainable Development in a Developing Economy Caleb Mayiwa Adelowo, National Centre for Technology Management, Nigeria; Willie Owolabi Syanbola, Obafemi Awolowo University
The Situation and Problem of Science Popularization Activities Carried Out by S&T Top Talent in China Jianzhong Zhou, Institutes of Science and Development, Chinese Academy of Sciences; Yang Liu, Institutes of Science and Development, Chinese Academy of Sciences
The Role of Foreign Direct Investment in Innovation: Does Institutional Quality Matter? Olabanji Benjamin Awodumi, University of Ibadan
Imaginations of Artificial Intelligence and Technological Developmentalism in Africa Yousif Hassan, York University
Session Organizer: Emmanuel Ejim-Eze, Institute of Engineering, technology and innovation Management

337. Postphenomenology - II: Technological Otherness
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Estimate Technology Ciano Aydin, University of Twente (the Netherlands)
Robots as Other: A Postphenomenological Consideration Hidekazu Kanemitsu, Kanazawa Institute of Technology
Love(rs) in the Making? Reflections on Technological Intimacy and (Inter)Subjectivity Jan Peter Bergen, University of Twente
A Humane Robot: Vulnerability and the Mind to be Read Shoji Nagataki, Chukyo University
Session Organizer: Kirk Besmer, Gonzaga University
Chair: Peter-Paul Verbeek, University of Twente

338. The Fate Of Fellow Travelers: Regenerating The Relationship Of STS, Analytic Philosophy, And Social Epistemology
Papers for Open Panels/The Fate Of Fellow Travelers: Regenerating The Relationship Of STS, Analytic Philosophy, And Social Epistemology
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
Epistemic Collaborations: Distributed Cognition and Virtue Reliabilism Orestis Palermos

Preliminary Program May 22, 2019

339. Feminist Technoscience by Other Means: Reconfiguring Research Practices for World-Making Beyond the Academy - III
Papers for Open Panels/Feminist Technoscience by Other Means: Reconfiguring Research Practices for World-Making Beyond the Academy
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Lagomorph Lessons: Interdisciplinary Feminist STS Through the Lens of the American Pika Maya Livio, University of Colorado
Magical Research Creation: Exploring the Felt-verse Nicole Bowers, Arizona State University
Radial paths: mycelia as live resistance to anthropocentrism and linear writing Vitor França Netto Chiodi, University of Campinas
Those Who Can’t Do, Teach? Reuniting Material and Semiotic, Classroom and Laboratory, By Way of FSTS Bethany Williams, University of California, Davis (UCD)
Session Organizers: Lisa Lehner, Cornell University Jade Vu Henry, Goldsmiths, University of London

340. Working with Algorithms, Thinking through Automation
Single Paper Submission
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
CB and Waze: How Do Algorithms Affect Collaboration on the Road? Anna Gibson
Politics of Openness in the Age of AI Shun-Ling Chen, Institutum Jurisprudentiae, Academia Sinica
The Materiality of the Mind in Turing and Shelley: An A.I. Perspective Terence H. W. Shih, St. John's University, Taiwan
Thinking about Automating Thinking: An History of Early Computing and Cognition Sam Hugh Franz, University of Michigan
Gamified Flows and the Sociotechnical Production of Automation Mario Khreiche, Virginia Tech
Session Organizer: Jess Bier, Erasmus University Rotterdam
Chair: John McCamy Wilkes, WPI/retired professor
### 341. Future of Politics and Politics of the Future - II

Papers for Open Panels/Future of Politics and Politics of the Future

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion**

**Participants:**

- Disputing environmental futures: the role of ethnography in multidisciplinary scientific work **Marko Alves Monteiro**, State University of Campinas - UNICAMP
- Future-proofing Singapore: Projecting Formulas for the City-state's Future **May Ee Wong**, University of California, Davis
- Politics of Feasibility and Compatibility: Governing TechnoNatural Food Things and Their Future **Laura Trachte**, Technical University Munich, MCTS
- Promissory Scientific Discourses, the Precautionary Principle and Research Policy **Margaret A Lemay**, University of Guelph
- The Politics of Future Scenarios **Matthew Spaniol**, Arhus University

**Session Organizers:**

- **Jan-Hendrik Passoth**, Technische Universität München
- **Nicholas James Rowland**, The Pennsylvania State University
- **Matthew Spaniol**, Arhus University

### 342. Bad Queers, Bold Crips, and Black Femmes - III: The Materiality of Deviance in Institutions, Movements, and Mediascapes

Papers for Open Panels/Bad Queers, Bold Crips, and Black Femmes: Building Up an STS for Deviants

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Fourth Floor - Esthervood**

**Participants:**

- An Asylum’s Afterlife: From Site of Trauma and Anxiety to Place of Revelry and Memory **Kate O’Connor**, *University Of Michigan, Ann Arbor*
- A Story of #DoctorsAreDickheads: Discourses of Medical Oppression on Twitter **Heather Rose Walker**, University of Illinois at Chicago; Michelle Litchman, Professor; University of Utah; Evguinea Popova, University of Illinois at Chicago
- Climate Justice, Women of Color and Teaching as Activism in Louisiana **Frances Brionne Roberts-Gregory**
- Platform Feminism and the Politics of Elevation **Rianka Singh**, University of Illinois at Chicago
- Making and Unmaking the “Grants Uranium District” of Northwestern New Mexico **Thomas De Pree**, Rensselaer Polytechnic Institute

**Session Organizers:**

- **Stephen Molldrem**, The University of Michigan
- **Jullicia Jolly**, The University of Michigan
- **Kate O’Connor**, University Of Michigan, Ann Arbor

**Discussant:**

- **Stephen Molldrem**

### 343. Diagnosing Death: Critical STS Perspectives - III

Papers for Open Panels/Diagnosing Death: Critical STS Perspectives

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen**

**Participants:**

- Brain death, symbolization and rituals **Maria Pilar Bacci**, *Universidad de la República*
- Creating Death: Meditative Tukdum Deaths and the Tibetan Ontological Body **Michael Donagh Coleman**, UC Berkeley

**Session Organizer:**

- **Thomas De Pree**, Rensselaer Polytechnic Institute

**Discussant:**

- **Kim Fortun**, University of California Irvine

### 344. Modeling Health Futures: Practices of Assuming, Anticipating, and Forecasting - III

Papers for Open Panels/Modeling Health Futures: Practices of Assuming, Anticipating, and Forecasting

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A**

**Participants:**

- On projection, capital and racialized risk **Adia Benton**
- Independent Calculation Agent’ and Its Modeling for the Pandemic Emergency Facility and the ‘Ebola Bond’ **S.L. Erikson**
- Projecting Universal Health Coverage: Forecasting Progress in Health and Society at the Institute for Health Metrics and Evaluation **Marlee Tichenor**, University of Edinburgh

**Session Organizers:**

- **Marlee Tichenor**, University of Edinburgh
- **Lukas Engelmann**, University of Edinburgh

### 345. Settler Colonialism And Scalable Scholarship: Studying Up On The Technopolitics Of Indigenous Displacement And Dispossession - II

Papers for Open Panels/Settler Colonialism And Scalable Scholarship: Studying Up On The Technopolitics Of Indigenous Displacement And Dispossession

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A**

**Participants:**

- Making and Unmaking the “Grants Uranium District” of Northwestern New Mexico **Thomas De Pree**, Rensselaer Polytechnic Institute
- The Settler Politics of Oil and Gas Leasing in the Greater Chaco **Sonia Grant**, *University of Chicago*
- Decolonizing Resilience Planning: Experiences from the Isle de Jean Charles Biloxi-Chitimacha-Choctaw Tribal Resettlement **Chantel Comardelle, Isle de Jean Charles Biloxi-Chitimacha-Chocotaw Tribe**

**Session Organizer:**

- **Thomas De Pree**, Rensselaer Polytechnic Institute

**Discussant:**

- **Kim Fortun**, University of California Irvine

### 346. Becoming Otherwise: STS Inroads into Techniques of the Better Self - III: Selves Extended

Papers for Open Panels/Becoming Otherwise: STS Inroads into Techniques of the Better Self

**Open Panel**

4:15 to 5:30 pm

**Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B**

**Participants:**

- Breathing Bodies vs. Brain Death: Memoir as Method to Interrogate Incompatible Organ Donation Narratives **Christine Wenc**, *Greenwood History*
- Resetting the bodily social for drugs: a vital experiment on aging, fragility, and end of life **Wen-Hua Kuo**, *National Yang-Ming University*

**Session Organizer:**

- **Dylan Thomas Lott**, Center for Healthy Minds/University of Wisconsin-Madison
348. The Politics of ‘Developmental Origins’: Biological Mattering and Social Justice
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Megan Warin, University of Adelaide
Emily Yates-Doerr, University of Southern Denmark, Department of Marketing & Management
Martine Lappe, University of California, Santa Cruz

349. Science, Technology and Society in Outer Space - III
Papers for Open Panels/Science, Technology and Society in Outer Space
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Natali Valdez, Wellesley College

Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
Megan Halpern, Michigan State University

Papers for Open Panels/Global Vaccine Logics: New trends in an old assemblage
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Global Vaccine Logics: an overview Janice Graham, Dalmousie
University
From global to local: motivations of research laboratories and participants in the Senegal ACHIV-Ebola clinical trial
Elhadji Mamadou Mbaye, IRESSEF : Institut de Recherche en Santé, de Surveillance Épidémiologique et de Formations; Philippe Philomène, IRESSEF : Institut de Recherche en Santé, de Surveillance Épidémiologique et de Formations; Mbaye Moustapha, IRESSEF : Institut de Recherche en Santé, de Surveillance Épidémiologique et de Formations
It Wears An Ebola Coat But It’s Not Ebola. Its Intention Is To Kill, It’s Just Ebola Tunic”. Lay And Expert Discourses On rVSV-Zebov Ebola Vaccine In Guinea And Burkina Faso
Oumy Thiongane, IRD antenne de Bobo
Financialization and Eradication Ryan Whitacre, Graduate Institute, Geneva; Vinh-Kim Nguyen, Graduate Institute, Geneva; Sara Paparini, Graduate Institute, Geneva; Nadya Wells, Graduate Institute, Geneva
Negotiating Knowledge through an Ecosystem of Vaccine Development and Deployment for (Re)Emergent Diseases
Shelley Lees, London School of Hygiene and Tropical Medicine; Luisa Enria, University of Bath
Session Organizers:
Janice Graham, Dalhousie University
Oumy Thiongane, IRD antenne de Bobo
352. Ecosystems, Ecology, and the Boundaries of Life
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Translating Fiery Landscapes: Boundary-work, discourse and economies of attention in the work of fire ecologistsAADITA CHAUDHURY, YORK UNIVERSITY
Making Mud Matter: Blue Carbon and the Financialization of South Korea’s CoastlineGEBBY KENY, RICE UNIVERSITY
River Protection as Bloodwork: The Afterlife of Patagonia’s Anti-Dam MovementJAMES J. A. BLAIR, BROOKLYN COLLEGE
Metallic Ecologies and Toxic Forms of LifeSTEANIE GRAETER, UC IRL
Ecology and Intervention in Coastal LouisianaHANNAH BURNETT, UNIVERSITY OF CHICAGO, DEPARTMENT OF ANTHROPOLOGY
Session Organizer:
Hannah Burnett, University of Chicago, Department of Anthropology
Discussant:
Valerie Olson, UC Irvine
353. Constellation Thinking and AI Ethics
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
2019: The Year of (Unethical) AI Ethics? LEAH ASHE, UNIVERSITY OF NOTRE DAME
AI: the Stories We TellEIRINI MALLARIAKI, TURING INSTITUTE
Teaching Tech Ethics and Ethnography: the human in human-computer interactionCORDERLIA ERICKSON-DAVIS, STANFORD UNIVERSITY; ALEXA HAGERTY, STANFORD (ALUM)
In a fair possible world: evaluating measures of algorithmic fairness with counterfactual queriesSINA FAZELPOUR, UNIVERSITY OF BRITISH COLUMBIA
Ethics of social robots as seen by their designers and usersCÉLINE BORELLE, ORANGE LABS
Tecnologías entrañables y AI NarrativesALEXA HAGERTY, STANFORD (ALUM)
Session Organizer:
Corderlia Erickson-Davis, Stanford University
Chair:
Joanna Steinhardt
Discussant:
Emanuel Moss, CUNY Graduate Center
Closed Panels
Traditional (Closed) Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
Maritime police cartographies: Security expertise and the Ecuadorian Pacific coastFREDY RIVERA, FLACSO - ECUADOR; JORGE NUNEZ, KALEIDOS - CENTER FOR INTERDISCIPLINARY ETHNOGRAPHY
Community policing and drug trafficking in neo-socialist Ecuador, 2011 - 2017 DANIEL PONTON, INSTITUTO DE ALTOS ESTUDIOS NACIONALES
Crime prevention in Argentina: From public policy to technological surveillanceMARCIA MALUF, FLACSO - ECUADOR
Privatization of War in the Ecuadorian-Colombian Border: Racism, dispossession and post-conflict violenceJOSE FIGUEROA, UNIVERSIDAD CENTRAL DEL ECUADOR
Police Forensic engineering in Ecuador: traffic accidentology and the politics of motorway infrastructuresCARLOS SEMBLANTES, POLICIA NACIONAL DEL ECUADOR; JORGE NUNEZ, KALEIDOS - CENTER FOR INTERDISCIPLINARY ETHNOGRAPHY
Session Organizer:
Jorge Nunez, Kaleidos - Center for Interdisciplinary Ethnography
355. Precision and Uncertainty in a World of Data - III
Papers for Open Panels/Precision and Uncertainty in a World of Data
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
The Computer in the Clinic: Past Futures of Precision MedicineJEREMY GREENE, JOHNS HOPKINS UNIVERSITY
Precision PsychiatryANNA JABLONER, COLUMBIA UNIVERSITY
Making Tumour Genetics Doable In The Clinic: Organizational Fictions And The Management Of UncertaintyASHVEEN PEERBAYE, UNIVERSITÉ PARIS-EST; CLAIRE BEADEVIN, CNRS; CATHERINE BOURGAIN, INSERM
What’s the use? The “utility” of DNA sequences as intellectual property and molecular diagnosticsSTEVE STURDY
Session Organizer:
Jeremy Greene, Johns Hopkins University
Chair:
Sarah Chan, University of Edinburgh
Discussant:
Sarah Chan, University of Edinburgh

356. Residues: Rethinking Chemical Environments - III
Papers for Open Panels/Residues: Rethinking Chemical Environments
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley
Participants:
Apprehension as a way to understand the regulation and perception of residues Carsten Reinhardt, University of Bielefeld; Angela Creager, Princeton University; Emmanuel Henry, Université Paris-Dauphine, PSL University; Nathalie Jas, French National Institute for Agronomical Research (INRA)

From chemical traces to speculative futures: human biomonitoring in the Anthropocene Kim Hendrickx, Centre for Sociological Research, KU Leuven

Molecular Bureaucracy Evan Hepler-Smith, Duke University

Monitoring air pollution and visualizing environmental-health inequalities in Paris Justyna Moizard-Larvin, École des Hautes Études en Sciences Sociales

Symptom and Society: The Politics of Postindustrial Residues Élène Sobrino, Massachusetts Institute of Technology (MIT)

Session Organizers:
Emmanuel Henry, Université Paris-Dauphine, PSL University
Jody A Roberts, Science

357. Reproducibility and Other Problems: Practical and Institutional Responses to Contemporary Crises in Science - II
Papers for Open Panels/Reproducibility and Other Problems: Practical and Institutional Responses to Contemporary Crises in Science
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus
Participants:
Mapping the discursive space of the reproducibility crisis Nicole C Nelson, University of Wisconsin Madison

Crisis? What Crisis? Institutional Narratives of Scientific Misconduct Felicitas Hesselmann, German Centre for Higher Education Research and Science Studies

Crises in (Social) Science: Lessons from the Case of German Sociology? Barbara Sutter, TU Munich

Science by Law. Scientific Epistemology versus Political Dominance in the Age of ‘Evidence-Based Research’ Paolo Parra Saiani, Università degli Studi di Genova

Transparency versus Autonomy: Meta-Science, Fields, and the Political Theory of Pure Science David Peterson, UCLA; Aaron Panofsky, University of California, Los Angeles

Session Organizer:
Aaron Panofsky, University of California, Los Angeles
Discussant:
Rob Evans, Cardiff University

358. Alternative Pedagogies at the Crux of Interdisciplinarity: Promises and Pitfalls of “Innovating” Education - III
Papers for Open Panels/Alternative Pedagogies at the Crux of Interdisciplinary: Promises and Pitfalls of “Innovating” Education
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
The Children Will Lead the Way: The Neoliberal Roots of STEM Learning Trends Morgan G. Ames, CSTMS/School of Information, UC Berkeley

Stimulating voices towards computational legitimacy: robotics education in an underserved community Rodrigo Barbosa e Silva, Lemann Center for Educational Entrepreneurship and Innovation in Brazil; David Plank, Stanford University; Anderson Szewczuk, Colegio Estadual Ana Vanda Bussara; Taciana Wilhe, Universidade Estadual do Centro-Oeste - Unicentro

The Supports of Digital Technology as Barriers to Student Autonomy Aron Lee Rosenberg, McGill

Public education in the age of Google. How human and non-human actors shape educational practices. Malin Ideland, Malmö University

Session Organizers:
Yana Boeva, Nuremberg Institute of Technology
Ellen K Foster, Purdue University
James Malazit, Rensselaer Polytechnic Institute

359. Data and Markets: Devices, Practices and Representations - III
Papers for Open Panels/Data and Markets: Devices, Practices and Representations
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:

Corpses and Specters: Building markets on data and debt Mary Ebeling, Drexel University

“Bartering data”: Waze’s processes of data accumulation and valorization Antoine Courmont, Sciences Po

Data markets and digital creation: the case of hyper casual gaming Simon Bittmann, Collège de France

Seeing like a camera: co-creating digital products through computer vision techniques in the smart city Ignacio J Perez, University of Oxford; Pedro Pablo Seguel, University of Texas at Austin

Session Organizer:
Kevin Mellet, Orange Labs

360. Politics and Infrastructures of Data Collaboratives
Papers for Open Panels/Politics and Infrastructures of Data Collaboratives
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:

Data Sharing in Nairobi: Why, For Whom, and By Whom? Angela Okune, University of California - Irvine

Geopolitics and Social Science Data Archives: Data Friction at the Organizational Level Kristin Eschenfelder, University Of Wisconsin-Madison; Kalpana Shankar, University College Dublin

Post-GDPR issues to confidential data management: An analysis of the use of privacy enhancing technologies in health data research centres Victoria Neumann, Lancaster University

Reimagining Data Infrastructures through Infrastructural Inversion and Participatory Design Firaz Peer, Georgia Institute of Technology; Carl DiSalvo, Georgia Institute of Technology
361. Interruption
4S Annual Meeting
Special Event
5:45 to 6:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer

362. Friday Reception
4S Annual Meeting
Reception
6:30 to 7:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Armstrong Ballroom & Foyer

363. Postphenomenology - III: The Boundaries of Humans and Technologies
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Assistant Dogs and Technological Mediation: On Animals, Technologies, and the Boundaries of the Human Sabrina Hauser, University of British Columbia & Umea University; Peter-Paul Verbeek, University of Twente
Exploring the Technological Co-production of Atmospheres in the Liturgical Laboratory Andreas Melson Gregersen, Norwegian School of Theology, Religion and Society
Inventing the Future: The Straight Line We Never Walk Yet Always Walked Marie-Christine Nizzi, Harvard Psychology Department
Turning a Lifestyle into a Disease: Analyzing the Scientific Promotion of a Healthy Lifestyle Bas de Boer, University of Twente (the Netherlands)
The Ontology of Feminism (A Postphenomenological Study to Come Later) Roisin Lally, Gonzaga University

Session Organizer: Kirk Besmer, Gonzaga University
Chair: Don Ihde, Stony Brook University

364. Social Sciences of the Artificial: Interrupting and Interrogating the Meanings of Design
Papers for Open Panels/Social Sciences of the Artificial: Interrupting and Interrogating the Meanings of Design
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:
A City is not a Park – Natural Landscape as Urban Design Des Fitzgerald, Cardiff University
Beyond intentionality: Biomimicry as more-than-human design Richard Fadok, MIT
Concerning the Preferred Design: Simon’s open questions Jeffrey Chan, Singapore University of Technology and Design
The Art of Wicked Problem Solving: Criticising Technical

366. Scientists as Workers
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Multiple groups, multiple boundaries in the interdisciplinary health research field Mathieu Albert, University of Toronto; Suzanne Laberge, Université de Montréal; Paula Rowland, University of Toronto
The Virtuous Circle: How Elite Private Research Universities Raise Resources for Science & How These Same Universities Organize Science for Corporations Sheila Slaughter, University of Georgia
How Researchers Come to Work on Community-Driven Epistemic Projects Kelly Moore, Loyola University Chicago; Nathalia Hernandez Vidal, Loyola University Chicago
A Differential Association Theory of Socialization to Commercialist Career Paths in Science David R. Johnson, University of Nevada, Reno
Commercializing the PhD: Training STEM graduate students to think like a market Tim Sacco, University Of Massachusetts Amherst

Session Organizer: Tim Sacco, University Of Massachusetts Amherst

367. STS Perspectives on Isomorphism in National Science and Innovation Policies
Closed Panels
368. Vaccine Histories and their Politics of Anticipation
Papers for Open Panels/Vaccine Histories and their Politics of Anticipation
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Evergreen
Participants:
- Kill-Proofing the Soldier: Environmental Threats, Anticipation, and U.S. Military Biomedical Armor Programs
  - Andrew Bickford, Georgetown University
- Anticipate the Vaccine that did not exist
  - Pierre-Marie David, Université de Montréal
- Anticipating the end and after: the exclusionary politics of vaccines in global polio eradication
  - Dora Vargha, University of Manchester
- Reinventing the Rash: A Global History of Measles in the Vaccine Era
  - Laurence Monnais, Université de Montréal
Session Organizers:
- Pierre-Marie David, Université de Montréal
- Laurence Monnais, Université de Montréal

369. Experts of Subjective Thought: Producing Knowledge and Setting Standards - I
Papers for Open Panels/Experts of Subjective Thought: Producing Knowledge and Setting Standards
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:
- Disciplining Complexity: Producing Actionable Data Points in the Neuroscientific Study of Pain
  - Sara Rubin, UCSF
- Produce Midwifery Knowledges, from Subjective Thought to Objective Expertise: The case of the Biomedicalization of Pain during Childbirth
  - Maud Arnal Arnal, EHESS, Cermes3/IRIS
- From Expert Patients To Patient Experts: Towards The Legitimation Of Personal Experiences And Practical Knowledge In Healthcare
  - Giada Danesi, STS Lab, University of Lausanne
Session Organizer:
373. Making Disability: Disability Culture, Design, and STS
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Ableist STS? Reconsidering our field’s engagement with disability studies Raquel Velho, Rensselaer Polytechnic Institute
Empathy and Mismatch: The Problem of Disability Simulation in Policy and Practice Bess Williamson, School of the Art Institute of Chicago
Disability Culture, Dance, and the Delights of Pleasurable Design Alice Sheppard, Kinetic Light
Crip Technoscience in Action: Disabled Knowing-Making in the Critical Design Lab Aimi Hamraie, Vanderbilt University Imagining Practices of Crip Maintenance through the Elevator Leah Samples, University of Pennsylvania
Session Organizer: Aimi Hamraie, Vanderbilt University

374. Injury and Invisibility: Empiricism and Anti-Empiricism in Knowing Damage and Regeneration - I
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
How Dual Symptomatologies of ADHD Interrupt Conventional Renderings of the Syndrome Andrew Ivan Brown, Social and Political Thought, York University
Invisible Injuries Reconsidered: Coming to Know Embodied Trauma Through Post-Mortem CTE Diagnosis Kate Henne, University of Waterloo/Australian National University; Matt Ventresca, University Of Calgary
(See)-ing nuclear as a State and citizen Misria Shaiq Ali, Rensselaer Polytechnic Institute - STS
The Invisible In Health And Healing: How To Talk Suffering In The Age Of Cure Lisa Lehner, Cornell University
Session Organizer: denielle a elliott, York University
Discussant: Jennifer Hamilton, Hampshire College

375. STS Pedagogy – Methods for Teaching Sociotechnical Ethics
Papers for Open Panels/STS Pedagogy: Methods for Teaching Sociotechnical Ethics
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Coateau
Participants:
From "Frankenstein" to "Black Mirror:" Teaching Sociotechnical Ethics Using Popular Culture Jennifer Terrell, Indiana University; Iris Bull, Indiana University - Bloomington
Reflections from the Field: Feminist Maker Pedagogies Cyd Cipolla, NYU-Gallatin School of Individualized Study
“Social Justice-Oriented Engineering”: An Alternative to Engineering Ethics in STEM Education Veronica Sanz
Session Organizer: Alex Rewegan, MIT

376. Practical Limits of ANT and Explorations in Other Conceptual Frameworks
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris
Participants:
Mapping Sociotechnical Systems Using Actor-Network Theory Liza Potts, Associate Professor and Director of WIDE Research // College of Arts & Letters // Department of Writing and Rhetoric
Does ANT Have Heuristic Value In Thinking About And Managing The Impacts of Climate Change? Michael Gorman, University Of Virginia
A New STS Hybrid Conceptual Framework: Understanding Unrecognized, Available, Pertinent Knowledge And Recurring Structural Failures Julie Mark Cohen, PhD, PE, SECB Underground as a controversial mitigation of climate change option: example of Carbon Capture and Storage (CCS) implementation Jonas PIGEON, IDEES
Session Organizer: Julie Mark Cohen, Julie Mark Cohen, PhD, PE, SECB
Chair: Julie Mark Cohen, Julie Mark Cohen, PhD, PE, SECB
Discussants: Mitchell Cieminski, Rensselaer Polytechnic Institute Nathaniel T Stanton, Rensselaer Polytechnic Institute - STS

377. Spitballing STS: Millenial Tactics
Papers for Open Panels/Spitballing STS | Millennial Tactics
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City
Participants:
Excavating the Timeline: “Slow” Theoretical Development in a Digital Age Liz Quinlan, UMass Boston
‘I never thought of it that way’: Critical Interactive Fiction as a Means for Description, Disruption, and Reflection Lorina Navarro, Etsy
Learn From My Mistakes: Some Pedagogical Experiments in STS and Speculative Fiction and How to Fail Better Than Me Kristen Koopman
Making Kin with Fire: Sparking Tinder, and Innovative STS Engagements and Pedagogies in Dating Contexts Aadita Chaudhury, York University
Notes from St. John in Irmamaria's Wake: Rethinking Critical, Applied STS Gabrielle Robbins, MIT HASTS
Searching for Zero: Spitballing Hegemonic Modes of “Unseeing” and Conjuring the Big “O” Other Samara Hayley Steele, MFA, University of California at Davis
Session Organizer: Alex Rewegan, MIT

378. Regenerating Algorithms
Closed Panels
Traditional (Closed) Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
- Re-Valuing Homes: Countering the Culture of Real Estate on Zillow
  Yanni Alexander Loukissas, Georgia Institute of Technology

- Plans and Situated (Algorithmic) Actions: Networked Medical Devices as Sites of Feminist Technoscience or Encountering the More Than Human in the Middle of the Night
  Laura Forlano, Illinois Institute of Technology

- Dissident Pregnancy Detection Models for Reproductive Justice
  Catherine D’Ignazio, Emerson College

- “Earth Measurer”: visualizing a recurrent vanilla neural network, figuring abundance
  Matthew Battles, Harvard's Berkman-Klein Center for Internet and Society

- Navigation through an Environmental Lens
  Jude Mwenda Niabathia, Georgia Tech

- Visceralizing Algorithms
  Charles Luke Alan Stark

Session Organizers:
- Yanni Alexander Loukissas, Georgia Institute of Technology
- Nassim Parvin, Georgia Institute of Technology

**379. Greening Infrastructure Studies**

**Papers for Open Panels/Greening Infrastructure Studies**

- Open Panel
  8:00 to 9:30 am
  Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway

**Participants:**
- Knowledge Systems, Forest Management, and Urban Infrastructure Resilience
  Changdeok Gim, Arizona State University
- Manufacturing Nature: A Case Study in the Construction of a Natural Pool and Vertical Gray Water Filtration and Farming Systems
  James Madison University; Raven Moon Brubach, James Madison University
- Water, weapons, and the shifting socio-technical relations of infrastructure
  Josh Cousins, SUNY Environmental Science and Forestry
- Organizing Shit. Flows and Leaks in the Circular Economy
  Tora Holmberg, Uppsala University; Malin Ideland, Malmö University; Claes-Fredrik Helgesson, Centre for Integrated Research on Culture and Society (CIRCUS)
- Reimagining the ‘Green’ Cities: Maximizing Spaces, Minimum Footprint with Mobile Housing
  Anuj Tyagi, The Indira Gandhi National Open University

**Un)Making the Mississippi River and Louisiana's Coastal Marshes**

Ned Randolph, UC San Diego

Session Organizer:
- Amanda K Phillips de Lucas, Cary Institute of Ecosystem Studies

**380. Science and Religion: Understanding the Interaction**

**Papers for Open Panels/Science and Religion: Understanding the Interaction**

- Open Panel
  8:00 to 9:30 am
  Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

**Participants:**
- Body for Eulogy and Investigation: Science, Religion, and Atomic Bomb Victims in Postwar Nagasaki
  MAIKA NAKAO, Atomic Bomb Disease Institute, Nagasaki University

- Darwin or Design? Sayyid Ahmad Khan and Human Evolution in British India
  Sarah Qidwai, University of Toronto

**381. Emotions and Affect in STS Work - I: Data Practices and Affect**

**Papers for Open Panels/Emotions and Affect in STS Work**

- Open Panel
  8:00 to 9:30 am
  Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

**Participants:**
- Music, Technology, and Affect: How Users Appropriate Playlists on Spotify to Cultivate Moods and Emotions
  HUIXIN TIAN, Indiana University

- Mooding Data Cultures - Exploring The Role Of Emotions And Affect In Practices Of Datafication
  Séamas Kelly, University College Dublin; Camilla Noonan, University College Dublin

- Spacewar!’s Affective Ecology: A Study in Technique and Innovation
  Misti Yang, University of Maryland, College Park

Session Organizer:
- Christopher Patrick Caulfield, Rensselaer Polytechnic Institute (RPI)

**382. Innovation Outside Markets: Government and/in Technoscientific Innovation**

**Closed Panels**

- Traditional (Closed) Panel
  8:00 to 9:30 am
  Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus

**Participants:**
- If we can go to the Moon…: Innovation traps in Federal transportation research & development, 1965-1986
  David Reinecke, Princeton University

- Governing An Ungovernable Foe: Vaccines and Public Health Policy at the National Cancer Institute
  Natalie Aviles, University of California, San Diego

- Shutdown! Big Science in an era of crisis
  Janet Vertesi, Princeton University

- A Transformation in the Global South: Innovation and Organizations in Kenya
  Parijat Chakrabarti, Princeton University

Session Organizer:
- Janet Vertesi, Princeton University

**383. The Language of STI Policy in the 21st Century - I**

**Papers for Open Panels/The Language of STI Policy in the 21st Century**

- Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus
Participants:

Concepts of research: Looking beyond what is published and measurable
David Kaldewey, University of Bonn

Innovation for social inclusion: framings and models
Ravosh Bal, Concordia University, Montreal, Canada; Govind Gopakumar, Concordia University

The Evolution of the Idea and Language of Basic Research in China (from 1950s-present)
Chunliang Fan, Institutes of Science and Development, Chinese Academy of Sciences

Translational Research and Translational Identities
Martin Reinhart, German Center for Higher Education Research and Science Studies; Tim Flink, Humboldt-Universität zu Berlin; Barbara Hendriks, Humboldt-Universität zu Berlin and German Centre for Higher Education Research and Science Studies; Felicitas Hesselmann, German Centre for Higher Education Research and Science Studies

Session Organizers:
Margaret A Lemay, University of Guelph
David Kaldewey, University of Bonn
Tim Flink, Humboldt-Universität zu Berlin

Chair:
Margaret A Lemay, University of Guelph

384. The Belt Road Initiative: Infrastructural Futures & a Chinese Anthropocene?

Papers for Open Panels/The Belt Road Initiative: Infrastructural Futures & a Chinese Anthropocene?
Open Panel
8:00 to 9:30 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
The BRI’s impact on global and regional spaces and spatial imaginaries
Maximilian Mayer, University of Nottingham

Blanks on the BRI Map
Galen B. Murton, James Madison University

WeChat as An Infrastructure in Contemporary China
Rui Zhou, Georgia Institute of Technology; Betsy DiSalvo, Georgia Institute of Technology

BRI for Whom? Social & Environmental Justice of China’s International Cooperation Park in Guangxi
Mengqi Shao, University of California Davis

Post-metabolic Infrastructures: Belt and Road as Rift
Jamie Allen, NSCAD University; Martin Müller, Humboldt University of Berlin; Karolina Sobeka, fhzw

Units and unity in Chinese Eco-Civilisation. Infrastructure led conservation of the BRI
Louise Emily Carver, University of Lancaster

Session Organizer:
David Tyfield, Lancaster University

385. Postphenomenology - IV: Refining the Conceptual Framework
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:

Material Hermeneutics: Diatoms and Cunieform Tablets/Worms and Medieval Books
Don Ihde, Stony Brook University

386. Socialisms, Sciences and Fictions
Papers for Open Panels/Socialisms, Sciences and Fictions
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B
Participants:

The Descriptive Prescriptivity of Geography, Imbued with Science Fiction
Konstantin Georgiev, Rice University

‘Real Existing’ Utopia: East German Technological Culture
Mario Bianchini, Georgia Institute of Technology

Placing the Space/Time Continuum: Cuban Sci Fi, Science and Socialism
Naomi Schoenfeld, UCSF

Session Organizer:
Naomi Schoenfeld, UCSF

Discussant:
Alexei Yurchak, University of California Berkeley

387. Interrupting the Care/Violence Nexus in Times of War and Peace – II
Papers for Open Panels/Interrupting the Care/Violence Nexus in Times of War and Peace
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:

Care/full!
Diane Nelson, Duke University

Residual Suspicions: Humanitarian Demining and The Fear of Reoccupation
Diana P Pardo Pedraza, University Of California Davis

Ordinary geographies of violence and care in "postconflict"
Colombia
Diana Ojeda, Pontificia Universidad Javeriana; Eloísa Berman, Universidad del Norte

Melted weapons, poisoned fish, and embroidered pañuelos: tales of crafts to think with care through reconciliation
Nataluva Quiceno Toro, Universidad de Antioquia; Isabel González Arango, Universidad de Antioquia; Maddalena Tacchetti, University of Nottingham; Tania Pérez-Bustos, National University of Colombia

Session Organizer:
Diana Pardo Pedraza, University Of California Davis

Chair:
Lina Beatriz Pinto Garcia, York University

388. Mediated Seas, Elemental Oceans
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:

Entangled Elements: Between Sand & Sea
Katherine Sammler, California State University, Maritime
389. Practicing Epistemologies: Knowledge Work in Everyday Environmental Management and Governance

Session Organizer: Lisa Han, UC Santa Barbara
Chair: Kim De Wolff, University of California, Merced

Participants:
- Energy, Technology, Infrastructure: Governing Solar's Sociotechnical Scales
  - Nandita Badami, UC Irvine
- Discordant Scales: Federal Environmental Governance and Standardization
  - Chandra L. Middleton, UC Irvine
- Practicing with Data to Understand Crises: Mapping Diverse Environmental and Societal Data to Situate Transboundary Crises
  - Katrina G. Petersen, Trilateral Research
- Hypothetical Earthquake on an Empirical Border: Building a Seismic Scenario in the USA and Mexico
  - Elizabeth A. Reddy, Colorado School Of Mines

Discussants:
- Jennifer J Henderson, Cooperative Institute for Research in Environmental Sciences
  - [TEMP] Tyson Vaughan

390. Science and Technological Innovation in the Re-making of Public Policy and Governance Across Global and Local Space

Session Organizer: Elizabeth A. Reddy, Colorado School Of Mines

Participants:
- Mapping information pathways for breast cancer survivors
  - Deborah Lefkowitz, University of California Irvine
- Both a field scientific station and a working site: the field science and infrastructure of the groundwater monitoring network
  - Chun-Yi HO, Institute of building and planning, National Taiwan University
- Brazilian Sofosbuvir: intersectorial network building to defend right to health and the public domain
  - Pedro Henrique Villardi, ABIA - Brazilian AIDS Interdisciplinary Association / Working Group on Intellectual Property
- Marilena Corrêa, Institute of Social Medicine, State University of Rio de Janeiro
- Mobilities, Times and Technoscience: analysing the societal dynamics of school bus projet
  - emilia araujo, universidade do minho
- Re-scaling of urban governance in Latin America
  - Giselle Gonzalez, CONICET
- Trade liberalisation, Technology Adoption and Industrial Growth: Case of Indian Manufacturing Sector
  - R. Rijesh

Institute for Studies in Industrial Development

Session Organizer:
- Keith Guzik, University of Colorado Denver
Chair:
- Deborah Lefkowitz, University of California Irvine

391. STS vis-à-vis Transhumanism: Friends or Foes?

Closed Panels

Session Organizer:
- Elizabeth A. Reddy, Colorado School Of Mines

Participants:
- Modern Science, Transhumanism and the charge of Ableism
  - Alcibiades Malapi-Nelson, Humber College
- Proactionary and Precautionary Principles and Transhumanism
  - Francis Remedios, Independent Scholar
- Transhumanism: How Far Should We Go? Verusca dos Reis, Universidade do Estado do Rio de Janeiro (UERJ)
- The Dangers of Transhumanism to STS Raphael Sassower, University of Colorado, Colorado Springs
- Revisiting the Latour-Fuller Debate on the Place of the Human in Scientific Inquiry
  - Steve Fuller, UNIVERSITY OF WARWICK

Session Organizers:
- Francis Remedios, Independent Scholar
- Alcibiades Malapi-Nelson, Humber College

392. Experts of Subjective Thought: Producing Knowledge and Setting Standards - II

Session Organizer:
- Liora O'Donnell Goldensher, Princeton University

Participants:
- Measuring Spirituality: The Metrics of Chaplaincy
  - Kristel Claville, Zygon Center for Religion and Science, MacLean Center for Clinical Medical Ethics
- In the Absence of "Best Practices": Deprescribing in Psychiatry
  - Kevser Pinar Ustel, UNIVERSITY OF MICHIGAN
- The Objectivity of News Engravings (the Petit Journal and the Petit Parisien, 1889-1914): Patricia Barclay Bass, Duke University
- Filling in the gaps: The interpretation of CVs in peer review.
  - Wolfgang Kaltenbrunner, Centre for Sciences & Technology Studies (CWTS), Leiden University; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)

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  - Wolfgang Kaltenbrunner, Centre for Sciences & Technology Studies (CWTS), Leiden University; Sarah de Rijcke, Centre for Science and Technology Studies (CWTS)

Session Organizer:
- Liora O'Donnell Goldensher, Princeton University

Participants:
394. Race and/as Technology - II
Papers for Open Panels/Race and/as Technology Today
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Correlating Race: On Machine Learning and Racial Categories
Scott Wark, University of Warwick
Flesh in the Machine: Digitality, Embodiment and Life in the
Carceral Surround
Raymond Joshua Scannell, Hunter College
Historical Media Technologies and the Production of Race in
‘Return of the Obra Dinn’
William Clyde Partin, University of North Carolina at Chapel Hill
Race as a technology in medicine and epidemiology –
contrasting Germany and the US
Andrea zur Nieden, Institute of Sociology, University of Freiburg, Germany
Race as Technology in the Dutch Governmental Data Ontology:
Introducing Racetechnicity
Gerwin van Schie, Utrecht University
Session Organizers:
Thao Phan, University of Melbourne, Australia
Scott Wark, University of Warwick
Chair:
Thao Phan, University of Melbourne, Australia

395. Author Meets Critics: Fleck Prize
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Session Organizer:
Sara Wylie, Northeastern University
Discussants:
Michelle Murphy, University Of Toronto
Kalindi Vora, University of California Davis
Banu Subramaniam, University of Massachusetts Amherst

396. Luddism: Epistemological and Political
Papers for Open Panels/Luddism: Epistemological and Political
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
Can Luddism Benefit Outer Space Development? Michael Bouchey
Contemporary Luddism: Lifestyle Politic vs Collective Movement
Nathanael Bassett, University of Illinois at Chicago

397. Injury and Invisibility: Empiricism and Anti-Empiricism in Knowing Damage and Regeneration - II
Papers for Open Panels/Injury and Invisibility: Empiricism and Anti-Empiricism in Knowing Damage and Regeneration
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier
Participants:
A Time Atelier (art, neuroscience, and time slippage)
denielle a elliott, York University
The Elusive Dolorimeter: Trials and Tribulations in Measuring Phantom Limb Pain
Alexandra Middleton, Princeton University
Being Gutless
Matthew Wolf-Meyer, Binghamton University
CTE meets #metoo: Violence and victimhood reconsidered in Chronic Traumatic Encephalopathy
Aryn Martin, York University
Session Organizer:
denielle a elliott, York University
Chair:
Matthew Wolf-Meyer, Binghamton University
Discussant:
Theresa MacPhail, Stevens Institute of Technology

Papers for Open Panels/A New/Old Technology for Governance? Questioning Big Data Surveillance
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau
Participants:
Big Data Surveillance and China’s Political History of Capture
Samuel Lengen, University of Virginia
Corporate Infrastructural Expansion as Big Data Surveillance
Laura Calloway, Indiana University
New Uses of HIV Data for Public Health: Analyzing Tensions in U.S. Policy and Practice for Patients, Policymakers, and Practitioners
Stephen Molldrem
The Datafication of Law
Gil Rothschild Elyassi, University of California at Berkeley
Biometric Kinmaking: Identification, Security and Belonging in Urban Pakistan
Zhebra Hashmi, University of Michigan, Ann Arbor
Session Organizer:
Xerxes Minocher, University of Wisconsin-Madison

399. Landscapes of Urban Laboratization: Governing the City Through Labs
Papers for Open Panels/Landscapes of Urban Laboratization: Governing the City Through Labs

4S 2019 New Orleans

9:45 to 11:15 am

Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:

- Surface Analytics: Negotiating the Manufacture of Indigenous Inspired Fashions in Peru Patricia Alvarez Astacio, Brandeis University
- “The safety of experience”: of road surfaces, traffic rules, and driving practices in Hyderabad, India Sneha Annavarapu, University of Chicago
- The Feel of the Road: Cycling and the Futurity of Surface Reading Jonathan Shapiro Anjaria, Brandeis University
- Technological Façade: Virtual Reality, Los Angeles, and the Illusion of Depth Lisa Messeri, Yale University

Session Organizer:

Lisa Messeri, Yale University

Discussant:

Christopher Schaberg, Loyola University New Orleans

402. Future Visions: Unpacking the Technological Imaginaries of Industry and Pedagogy

9:45 to 11:15 am

Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway

Participants:

- A Discussion on the Implications and Limits of Industry 4.0: Is "Online Capitalism" Possible? Ozgur Nartin, Ordu University, Turkey
- From Empty Futures to Situated Actions. The Multiple Translations of the Future of Work Klara-Aylin Wenten, Technical University Munich; Tobias Drewlani, Munich Center for Technology in Society, Technical University of Munich; Johann Buchholz, Technical University of Munich
- SF as Method – Experiments in Post-Earthly Ethnography Micha Rahder
- Speculative Thought Experiments as Pedagogical Tools Chessa Adsit-Morris, University of California, Santa Cruz

Session Organizer:

Baki Cakici, IT University of Copenhagen

Chair:

Chessa Adsit-Morris, University of California, Santa Cruz

403. The New Millennium Revival, or Generative Practices and Interrupting Media Ecologies

9:45 to 11:15 am

Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:

- Future-Proof Code: An Illustrated Guide to Technoethics Sareeta Amrute, University of Washington
- Aqua Mob: Community through Art Alayne Gobeille, Aqua Mob
- The technopolitics of community networking Diego Vicentin, UNICAMP
- Loving Idols: Digital Media Piracy and Hallyu in Havana Laura-Zoë Humphreys, Tulane University
- The Shape of Things to Come: Computational Propaganda and Digital Populism in Brazil Meg Stalcup, University of Ottawa

Session Organizer:

Meg Stalcup, University of Ottawa

Laura-Zoë Humphreys, Tulane University

404. Emotions and Affect in STS Work - II: Science, Technology, Medicine, and Affect

9:45 to 11:15 am

Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

Participants:

- The Epistemology of Emotion Evan Buswell
- Radical Regrets: Prostate-Specific Antigen Testing, Surgery, and the Role of Affect in Therapeutic Reversals Jacob Moses, Harvard University
-corporeal Nonmedical Excess in Patient Simulation Ivana
4S 2019 New Orleans

Preliminary Program May 22, 2019

Guarassi Guarassi, University of California, San Diego
Drawing the Contours of Affective-Discursive Landscapes in the Controversy over Kanal Istanbul Özgür Isik, Technical University of Munich - MCTS
The definition, types and characteristics of contemporary emerging "Emotion Enhancement Technology" Jingyu Hu, Northeastern University(China)

Session Organizer:
Christopher Patrick Caulfield, Rensselaer Polytechnic Institute (RPI)
Chair:
Caroline Mason, Rensselaer Polytechnic Institute - STS

405. Data Bodies at Work
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus

Participants:
- Putting Student-Athletes’ Data to Work Daniel Greene, University of Maryland; Tamara Clegg, University of Maryland
- Theorizing the Adoption and Governance of Wearable Tech in the Workplace Jeoma Ajunwa, Cornell IRL School
- Data-Driven Unionising Karen Gregory, University of Edinburgh
- All Your Data Are Belong to Us: Attitudes in Design Cultures Where Wearables are Moving Toward Biotech Elizabeth Wissinger, City University Of New York Graduate Center

Session Organizer:
Daniel Greene, University of Maryland

406. The Language of STI Policy in the 21st Century - II
Papers for Open Panels/The Language of STI Policy in the 21st Century
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
- Conceptual Drift: Ten Years of Science Diplomacy Tim Flink, Humboldt-Universitat zu Berlin
- Programmatic beliefs and socio-technical imaginaries. The contribution of STS to public policy design. Isarelis Pérez Ones, FLACSO-Ecuador
- Should Children Think Like Computers? Interrupting The Cycle Of Technoscientific Fixes For Education Janet Abbate, Virginia Tech
- Travels of a transient concept: the conceptual history of ‘valorization’ in Europe. Jorrit Smit, Leiden University

Session Organizers:
Margaret A Lemay, University of Guelph
David Kaldewey, University of Bonn
Tim Flink, Humboldt-Universitat zu Berlin

407. Infrastructure: Mitigate, Sustain or Vacate?
Papers for Open Panels/Infrastructure: Mitigate, Sustain or Vacate?
Open Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown

Participants:
- Cutting the Infrastructure: How Electric Vehicles Survive in Laos Miki Namba, Hitotsubashi University
- Unravelling the Effects of Administrative Policies on Service Delivery in Nigerian Electricity Distribution Company Caleb Mayiw Alowedo, National Centre for Technology Management, Nigeria; Oluwatosin E Ilevbare, National Centre for Technology Management
- What does the French nuclear regulatory system learn from the 2003’s heatwave and drought? olivier chanton, IRSN
- What is Power Storage? Inventing a Resource Daniel Breslau, Virginia Tech
- Exploring the Limits of “Institution” and “Infrastructure” in Knowledge Interactions Gregory Leazer, UCLA Dept of Information Studies; Robert Montoya, Indiana University Bloomington
- The definition, types and characteristics of contemporary emerging "Emotion Enhancement Technology" Jingyu Hu, Northeastern University(China)

Session Organizer:
Anne Beaulieu, University of Groningen
Brit Ross Ross Winthereik, IT University of Copenhagen
Chairs:
Robert Montoya, Indiana University Bloomington
Gregory Leazer, UCLA Dept of Information Studies

408. Across the Senses: Human Sciences and their Material Conditions circa 1900
Closed Panels
Traditional (Closed) Panel
9:45 to 11:15 am
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu

Participants:
- Sounding Ethnos: Phonography and Composition by Field in the Human Sciences Gabriel Coren, UC Berkeley, Anthropology
- Tracing the Zigzags of early Anthropology Laurel Waycott, Yale, Department of History
- Anthropology and Psychology in the Lab, Field, and Garden Cameron Brinitzer, History & Sociology of Science, University of Pennsylvania
- The Use of Sensory Stimuli in Linguistic Fieldwork Judith Kaplan, University of Pennsylvania, Integrated Studies Program

Session Organizer:
Cameron Brinitzer, History & Sociology of Science, University of Pennsylvania
Discussant:
Jenny Bangham, University of Cambridge

409. Undergraduate Program Debrief Session
Closed Panels
Traditional (Closed) Panel
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside B

Session Organizer:
Alison Kenner, Drexel University
Chairs:
Hined A Rafeh, Rensselaer Polytechnic Institute
[Temp] Amy Kuritzky

410. 4S Business Meeting
4S Annual Meeting
Business Meeting
11:30 to 1:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A

411. Ethnografilm 2019 - IV
Closed Panels
412. Scams, Frauds, and Fakes - I
Papers for Open Panels/Scams, Frauds, and Fakes
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus
Participants:
Performed Persona Scams: Deceptive Personal Branding and Shifting Concepts of Fraud on Social Media Platforms
Rebecca Lewis, Department of Communication, Stanford University
The Game Name: A Taxonomy of Social Camouflage through Online Gamertags Yu Ra Kim, Indiana University; AC Tally, Indiana University; Christena Nippert-Eng, Indiana University
Faking it on the Phone: Illicit and Licit Identity Management in Global ICT Outsourcing Winifred Poster, Washington University, St. Louis
Session Organizer:
Winifred Poster, Washington University, St. Louis
Chair:
Julia Ticona Ticona, University of Pennsylvania, Annenberg School for Communication

413. “Antiracist Science”: Interrogating Knowledge Production, Interrupting Racism
Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A
Participants:
Post-Racial Environmental Justice?: Articulating Disadvantage and Disparity in Southern California Air Monitoring Programs Katie Cox, University of California, Irvine
Corporate Antiracism: Statistics as Evidence of Systemic Racism and Doing Politics in the Corporation Luzilda Carrillo, California State University, Long Beach
Opportunities and Possible Challenges for Restorative Environmental J.E.D.I. (Justice, Equity, Diversity, and Inclusion) Approaches within an Oakland, CA Public Park System Chryl Natasha Elaine Corbin, UC Berkeley ESPM
The Science of Equity Nicole Ivy, The George Washington University
Developing a Decolonial Praxis Within ICT: An Autoethnography on Organizing a Participant-led Workshop Horatiu Halmaghi, McGill University
Session Organizers:
Luzilda Carrillo, California State University, Long Beach
Katie Cox, University of California, Irvine
Discussant:
James Doucet-Battle, University of California, Santa Cruz

414. The (Un)Promise of Enterprise 3.0: Data Mining, Data Analytics and Market Innovations in the Global South - I
Papers for Open Panels/The (Un)Promise of Enterprise 3.0: Data Mining, Data Analytics and Market Innovations in the Global South.
Open Panel

415. Seeing through New Eyes: Science, Truth and Technologies of Visualization - I
Papers for Open Panels/Seeing through New Eyes: Science, Truth and Technologies of Visualization
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Intersecting Visualizations: Aerostat Views Over Afghanistan Emily Boak, University of Calgary
Predator Eyes: Drones and Imperial Regenerations along the U.S.-Mexico Border Iván Chaar-López, Cornell University, Department of S&TS
Webcams and Wildfires: Remote Sensing Technologies and Making the Saskatchewan Boreal Forest Alex Zahara, Department of Geography, Memorial University
Simulation and Imagined Similarities: Worksite Analogs for Space Science and Exploration Zara Mirnacle, Harvard University; Matthew J Miller, Jacobs, NASA Johnson Space Center; Darlene S. S. Lim, BAER Institute, NASA Ames Research Center
Session Organizer:
Sabrina Perte, University of Calgary
Discussant:
Tom Oden-Schilling, Johns Hopkins University

416. Counter-Hegemonic Epistemologies as Innovation and/or Contestation - I
Papers for Open Panels/Counter-Hegemonic Epistemologies as Innovation and/or Contestation
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Alternative Narratives Of Computer Hacking Daniela Albin Pinheiro, State University of Campinas - UNICAMP
Formalism and Freedom: How Standardized Contracts Counter Traditional Contract Doctrine Kristin Breanne Cornelius, Department of Information Studies, UCLA
Technological aspects of counter-hegemony - an ethnographical case study of Institute of Cryptoanarchy in Prague, Czech
Ontologies of Environmental Governance - I

Participants:

Session Organizers:
James A Hodges, Rutgers University
Yvonne Melisande Eadon, UCLA

1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion

Open Panel

Ontologies of Environmental Governance: A Conceptual Overview
Jacob Weger, University of Georgia; Walker DePuy, University of Georgia; Suneel Kumar, Department of Anthropology, University of Georgia

Multi-politics and its effects on Governance of Sustainable Transport Planning in Belgrade Ivana Suboticki, Norwegian University of Science and Technology

Extreme Weather Events and Emerging Political Subjectivities: Unsettling the Modernist Settlement
Mark Vardy, Rice University, Department of Anthropology

Power, legacy, and conceptualizations of politics in natural resource governance
Leeann Sullivan, Colorado State University

Session Organizers:
Suneel Kumar, Department of Anthropology, University of Georgia
Walker DePuy, University of Georgia

Chair:
Jacob Weger, University of Georgia

418. Scaling Up Co-creation? The Politics of Participatory Innovation Instruments

Participants:

Co-Design and policy playgrounds: solving a deficit in process or politics?
Trupti Patel, UCL; Melanie Smallman, University College London

The Creative Region and its Reservoir of Ideas: State-led Participatory Innovation in Wallonia
Hadrien Macq, Université de Liège

Co-creation in a Calculation-focused Research Centre on Zero Emission Neighbourhoods
Thomas Berkner, Department Of Interdisciplinary Studies Of Culture, Norwegian University Of Science And Technology; Ruth Woods, Dept. of Interdisciplinary Studies of Culture, NTNU

Investigating co-creation practices in Public-Procurement-of-Innovation – A Danish case
Meiken Hansen, Technical University of Denmark; Sophie Nyborg, Technical University of Denmark - DTU

Techno-Politics of Co-Creation. On the Production of Interconnectability
Benjamin Lipp, Technical University Munich

Crowd dynamics, co-creation, and values in technology innovation: a case study in robotics
Gianluigi Viscusi, EPFL

Session Organizers:

Gunter Bombaerts, Eindhoven University of Technology
Carlos Cuevas-Garcia, Technical University of Munich
Kyriaki Papageorgiou, ESADA Business & Law School

Chairs:

Meiken Hansen, Technical University of Denmark
Cian O'Donovan, University College London

419. The Interpretive, Affective, and Ethical Work of Big Data in Health Care and Medicine - I

Participants:

Exploring and supporting articulation work in the molecularization of cancer care
Anne Kerr, University of Leeds; Julia Swallow, University of Leeds; Choon Key Chekar, University of Leeds; Sarah Cunningham-Burley, University Of Edinburgh; Emily Ross, University of Edinburgh; Chowdhry Sue, University of Edinburgh

The use of Prescription Drug Monitoring Programs to Enroll Physicians Into Policing Addiction
Mustafa Ibraheem Hussain, University of California Irvine; Geoffrey C. Bowker, University of California, Irvine

Wearing Many Hats: Stakeholder Collaboration in the Formation of Digital Therapeutics
Margaret Leeves Martin, UCSF

Session Organizer:

Amelia Fiske, Kiel University

420. Ethical Issues in Biomedical Research, Health Policy, and Clinical Practice – I

Participants:

Bioethics-In-Action: Transforming Resistance into Acceptance through Persuasion
Stefan Timmermans; Tanya Stivers, UCLA

Ethical Care in the Context of Constrained Choices
Jennifer S Singh, Georgia Institute of Technology

Choosing Comfort, Chasing Cure: Novel Mechanisms in the Reproduction of Inequality
Katrina Hauschildt, Univ. of Michigan

Ethical issues in pharmaceutical prescriptions
Gabriela Lilián Bruno, Universidad de la República; Nancy Beatriz Calisto, Academic, University of the Republic (Uruguay); Andrea Clara Bielli, Universidad de la República; Maria Pilar Bacci, Universidad de la República; Virginia Rodríguez Otero, UDELAR; Cecilia Castelli, Facultad de Psicología de la Universidad de la República, Uruguay

Genetic Counselors, "Doing Ethics," And The Translation Of Genomic Medicine In The 21st Century
Susan Markens, Lehman College, CUNY

Session Organizers:

Miranda Waggoner, Florida State University
Susan Markens, Lehman College, CUNY
421. Finitude in Other Terms: Uncommoning Extinction - I
Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:
Not About the Anthropocene: The Political Ontology of Life Projects
Mario Blaser, Memorial University
Corroding Extractivism: Copper Extraction and Microbial Disobedience in Atacama Desert Cristobal Bonelli, CIGIDEN - Research Center for Integrated Disaster Risk Management; Cristina Dorador, University of Antofagasta
Upside Down Country
Timothy Neale, Deakin University
Wetland Alterities: Geological Refusal and the Excess of Lafkenche Sovereignty
Manuel Tironi, Pontificia Universidad Católica de Chile; Denisse Vega, P. Universidad Católica de Chile
Session Organizers:
Manuel Tironi, Pontificia Universidad Católica de Chile
Marisol de la Cadena, UC Davis
Marcelo Gonzalez Galvez, Pontificia Universidad Católica de Chile
Discussant:
Marisol de la Cadena, UC Davis

422. Beyond the Prosthetic Imaginary: New Intersections between STS and Disability Studies - I
Papers for Open Panels/Beyond the Prosthetic Imaginary: New Intersections between STS and Disability Studies
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:
Care at the intersections: bridging feminist science studies and disability studies Laura Mauldin, University of Connecticut
Living Arrangements and the Enactment of Disability: Reflection on Care Practices and Cognitive Disability in South Brazil Helena Moura Fietz, Universidade Federal do Rio Grande do Sul - UFRGS
Contingency gone right? The strange case of medicine solidifying an anti-capitalist subject position Megh Marathe, University of Michigan, Ann Arbor
Prosthetics in Motion: Techno-Ableism and the Amputee Body, 1945-present Monique Dufour, Virginia Tech; Ashley Shew, Virginia Tech
Transcription Machine: the political life of captions Louise Hickman, UC San Diego Department of Communication & Design Lab
Session Organizers:
Stephanie Lloyd, Université Laval
Zoe Wool, Rice University
Chair:
Stephanie Lloyd, Université Laval
Discussant:
Alison Kafer, Southwestern University

423. Presidential Roundtable: STS Archiving and Reserach Infrastructure
Closed Panels

424. Making and Doing: Expanding the Production, Expression, and Travel of STS Knowledge - I
Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom D
Participants:
The Ground Keeps Opening Up: Building an Infrastructure for Data Appropriation Dawn Nafus, Intel
STS on the Street and at the Court: Interlocutors in the Taiwan RCA Collective Occupational Disease Lawsuit Yi-Ping Lin, National Yang-Ming University; Hsin-Hsing Chen, Shin-Hsin University Graduate Institute for Social Transformation Studies
Participatory Data Design Torben Elgaard Jensen, Aalborg University Copenhagen; Andreas Birkbak, Aalborg University Copenhagen; Anders Koed Madsen, Aalborg University; Anders Kristian Munk, Aalborg University
Exploring the Third Space Between Epidemiology and STS Teun Zuiderent-Jerak, Athena Institute, VU University, Amsterdam
Office for Scientific Flotsam and Jetsam: The Shifting Grounds of an Incubation Michael Guggenheim, Goldsmiths, University of London; Judith Kröll, Center; Bernd Kräftner, University of Applied Arts Vienna
Session Organizers:
Gary Downey, Virginia Tech
Teun Zuiderent-Jerak, Athena Institute, VU University, Amsterdam
Chair:
Gary Downey, Virginia Tech

425. Institutions and Ignorance: New Directions in the Political Economy of Science
Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E
Participants:
On Not Seeing Like a State: Ignorance Production at the Rhode Island Department of Environmental Management Scott Frickel, Brown University
All About That Baseline: The Politics of Ignorance about Pre-Fracking Water Conditions Abby Kinchy, Rensselaer Polytechnic Institute
Boundaries of Responsible Knowledge: The Positive Re-valuation of Ignorance in Medicine Kellie Owens, University of Pennsylvania
Spinning Our Wheels: The Role of Structural Ignorance in Community Public Health Response Anna Geltzer, University of Notre Dame
Scientific Habitus: Power and Ignorance in the Scientific
4S 2019 New Orleans

Institution June Jeon, University of Wisconsin-Madison

Session Organizers:
Daniel Lee Kleinman, Boston University
June Jeon, University of Wisconsin-Madison

Chairs:
Daniel Lee Kleinman, Boston University
June Jeon, University of Wisconsin-Madison

Discussant:
Daniel Lee Kleinman, Boston University

426. Making Objectivity in Data-Centric Knowledge Practices

Papers for Open Panels/Making Objectivity in Data-Centric Knowledge Practices
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier

Participants:
Rachel Bergmann, McGill University

Analysis of the Rise of Deep Learning
Ravit Dotan, UC Berkeley; Smitha Milli, UC Berkeley

Finding “what works”: Iterative practices of objectivity in Global Mental Health
Doerte Bemme, McGill University

The Datafication of Expertise: 3D Laser Scanners and Courtroom Narrative
Stacy Wood, University of California Los Angeles

Objectivity as displacement: the case of the rotten ice project
Julianne Yip, McGill

Shit as a Reservoir of Resistance: How Delayed Governance May Have Catalyzed the Post-Antibiotic Apocalypse
KD Brown, University of North Carolina, Chapel Hill - Dept of Geography

Session Organizers:
Doerte Bemme, McGill University
Rachel Bergmann, McGill University
Julianne Yip, McGill


Papers for Open Panels/A New/Old Technology for Governance? Questioning Big Data Surveillance
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau

Participants:
Predictable policing: New technology, old bias, and future resistance in big data surveillance
Caelyn Randall, University of Wisconsin-Madison; Xerxes Minocher, University of Wisconsin-Madison

Datafication at the margins: Understanding social justice implications of biometric surveillance practices
Shyam Krishna, Royal Holloway, University of London

Facing the Past: Predictive Analytics Avant La Lettre
Harper Shallow, Brown University

The Surveillance of Social Movements By Government Agencies: A Case Study
Jasmeet Bahia, Carleton University

Unseen Networks/Connections Between Racialized Surveillance in Oakland, California and the Transnational
Cierra Robson, Princeton University

The Future is Here and Now: Trust, Transparency, and Video Fetishism in Surveillance Landscapes
Jessica L Bray, Rice University

Session Organizer:

Preliminary Program May 22, 2019

Caelyn Randall, University of Wisconsin-Madison

428. Governing Food - I

Papers for Open Panels/Governing Food
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris

Participants:
How epistemic policies in food regulation shape public health
noemi sanz merino, University of Balearic Islands; Oliver Todt, University of Balearic Islands; José Luis Luján, University of Balearic Islands

Reconceiving Danger: Molecularizing Meat Inspection
Saul Halfon, Virginia Tech

The Label is the Law: Productions of Ignorance about Bee-Toxic Agrochemicals
Jennie Lee Durant, Mrs.

Session Organizers:
Saul Halfon, Virginia Tech
Christy Spackman, SFIS - Arizona State University

Discussant:
Heather Paxson, Massachusetts Institute of Technology (MIT)

429. Domestic Technologies: Place, Person, Process – I

Papers for Open Panels/Domestic Technologies: Place, Person, Process
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City

Participants:
Blending a National Body: Race, Modernity and the Licuadora in 1950s Peru
Amy Cox Hall, Amherst College

The Bilingual Toaster: Domestication as Language Relation
Amy Johnson

The Subjectivity of Domestic Objects, or: Who Needs Women, Anyway?
Jamie Steele, Rensselaer Polytechnic Institute

Domesticating Alexa: The Cultural Biography of Virtual Assistants
Ceyda Yolgormez, Concordia University; Bart Simon, Concordia University, Montreal, Canada

Humans and Machines: The Domestication of Voice
Dorothy Resplandor Santos, University of California, Santa Cruz

Session Organizer:
Amy Johnson

Discussant:
Li Cornfeld, Amherst College


Papers for Open Panels/Hi-Tech, Low-Tech, Self-Tech: Tactics for the Production and Consumptions of Playful Social Public Spaces
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:
Co-creating playful public space, a design studio analysis
Karine Dupre, Griffith University; Ruwan Fernando, Griffith University

Democratizing Design with Aging Adults: Libraries and Senior Centers as Playful Social Public Spaces?
Nathan Davis, University of Texas - Austin; Kristina Shiroma, University of Texas at Austin; Atami Sagna, University of Texas at Austin; Bo Xie, University of Texas at Austin

Digital intervention in public spaces: opportunities for engaging young people back with public space
Kuangfan Chen, QUT; Mirko Guaralda, Queensland University of Technology;
Selen Turkay, Queensland University of Technology; Jeremy Kerr, Queensland University of Technology

Situated Low-Tech Actions in Urban-Rural Settings in Colombia: Limitations of Challenging Power Through Play
Leonardo Parra-Aguudeño, Universidad de los Andes, Bogotá, Colombia; Camilo Salazar-Ferro, Universidad de los Andes, Bogotá, Colombia

Session Organizer:
Mirko Guaralda, Queensland University of Technology

Chair:
Matthew David Lamb, Penn State University

Discussant:
Benjamin Shirtcliff, Iowa State University

431. Conspiracy, Controversy, and Doubt: Consequences of Knowing and Unknowing

Single Paper Submission

Open Panel

1:15 to 2:30 pm

Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:
Howling Winds: Sound, Sense and the Regulation of Noise
Michael S Mopas, Carleton University

Who’s Afraid of Ebola? Epidemic Fires and Locative Fears
Wesley Shram, Louisiana State University; Leandro Rodríguez Medina, Universidad de las Americas Puebla; John Kojo Aggrey, Louisiana State University; Paige Miller, University of Wisconsin, River Falls

Post-Fact, Post-Scientific Inquiry? Belief in Conspiracy Theories and Public Attitudes towards Science in the U.S.
Peter Achterberg, Tilburg University

Demarcation Aftershocks: Failing to Understand Uncertainties
Jose Perillan, Vassar College

Governing Using Time. Temporal Framings of the Radioactive Waste Problem and the Construction of Technological Lock-In
Julie Blanck, Université de Pau et des Pays de l’Adour

Session Organizer:
Emily Brooks, National Park Service

Chair:
Jose Perillan, Vassar College

432. Technology, Inequality, and Social Justice - I

Papers for Open Panels/Technology, Inequality, and Social Justice

Open Panel

1:15 to 2:30 pm

Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley

Participants:
Can Automated Enforcement be Equitable? An Example from Massachusetts Renee Blackburn

Data In-Furs: A Narrative Critique of Data-Driven Solutions For Countering Social Marginalization Janine Slaker, Michigan State University

Failures In Ethics In Training And Praxis: The Values Embedded Within Race, Technologies, And Justice Jenny Korn, The Berkman Klein Center for Internet & Society at Harvard University

Digital Justice in the Bay: Material Politics After the Internet Karina Rider, Queen’s University

Networking Development: Sharing Small-Scale Technological Design Between North and South Before the Internet Heidi Morefield, Princeton University

Session Organizers:
Heidi Morefield, Princeton University

433. Exploring Policies and Practices of Studying and Monitoring the Oceans


Open Panel

1:15 to 2:30 pm

Sheraton New Orleans Hotel: Floor Fourth Floor - Oakley

Participants:
The Formation of Publics for Maritime Science around Ocean Acidification Research in Ecuador. Julio Miguel García Vera, Center for Interdisciplinary Ethnography - U Cuenca & Plasco

Success And Failures On Proposing Laws To Fight Ocean-Acidification And Alien-Species, In The Ecuadorian Environmental Law. Francisco Navarrete-Mier, EBIAC LAB - Faculty of Marine Sciences-ULEAM University; Patricia Castillo-Briceño, EBIAC LAB - Faculty of Marine Sciences-ULEAM University

Data Holidays: Sonar Contacts, Technological Developments in the Search for MH370 Simon Michael Taylor, UNSW

A new research agenda for studying the interface between ocean science and (science) policy Alice Vadrot, University of Vienna - Accounting and Finance; Sarah de Rijke, Centre for Science and Technology Studies (CWTS)

Synchronised Diving – Mixing Methods to Explore Ocean Science Judit Varga

Session Organizer:
Sarah de Rijke, Centre for Science and Technology Studies (CWTS)

Chair:
Alice Vadrot, University of Vienna - Accounting and Finance

Discussant:
Jennifer Gabrys, Department of Sociology

434. The Will to Improve, The Vision of Future-Making, and Innovations for Development - I

Papers for Open Panels/The Will to Improve, The Vision of Future-Making, and Innovations for Development

Open Panel

1:15 to 2:30 pm

Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus

Participants:
Engineers with a Mission: Religion, Humanitarian Engineers, and a Solar Panel Array in Haiti Marie Settler Kleine, Virginia Tech

Following the “Project” Around: The Vision and Practice of SEARC School Gardening Project in the Philippines Shun-Nan Chiang, University of California, Santa Cruz

From “Green Hell” to “Amazonia Legal”: land use models and the re-imagination of the rainforest as a new development frontier Raoni Rajão, Federal University of Minas Gerais (UFMG); Susanna Hecht, UCLA

The Borderless World? Social Entrepreneurship and Solutions to the “Refugee Crisis” Sreela Sarkar, Santa Clara University

Session Organizer:
435. Materiality, Meaning, Agency & Value - I

Closed Panels
Traditional (Closed) Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Proteus

Participants:
- What Does the Seal Say? Making Meaning in Nuclear Treaty Verification Anna Weichselbraun, University of Vienna
- Presence and Methexis in Iroquoian Animal Effigy Pipes Christopher Watts, University of Waterloo
- Sitting Next to Strangers: Toward a Social-Somatics of Courtwatching Kelli Moore, New York University
- Modes, Mods, and Modesty: The Semiotics of Power Disconnection in Urban Africa Michael Degani, Johns Hopkins University
- Milk Matters: Material and semiotic approaches to the value of milk Hannah Chazin, Columbia University

Session Organizers:
- Anna Weichselbraun, University of Vienna
- Hannah Chazin, Columbia University

Chair: Colin Halverson, Vanderbilt
Discussant: Zoe Crossland, Columbia University

436. Sustainability & Transformation in Engineering Education - I: Overcoming Disjunctures in the Cultivation of Professional Skill Sets

Papers for Open Panels/Sustainability & Transformation in Engineering and Engineering Education
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown

Participants:
- Constructive Technology Assessment as Engineering Pedagogy Brandiff Caron, Concordia University, Montreal, Canada
- Engineering Accountability in the Extractive Industries: From Classrooms to Corporations Jessica Mary Smith, Colorado School of Mines
- Engineering for Self or Society? How Undergraduate Engineers Learn to Value Research Caitlin Donahue Wylie, University of Virginia

Session Organizers:
- Atsushi Akera, Rensselaer Polytechnic Institute
- Vivian Anette Lagesen, NTNU
- Amy Sue Bix, Iowa State University
- Alice Clifton, Georgia Tech

Chair: Atsushi Akera, Rensselaer Polytechnic Institute

437. The Body as Environmental Sensor - I

Papers for Open Panels/The Body as Environmental Sensor
Open Panel
1:15 to 2:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu

Participants:
- Being Coral in the Great Dissolution: fostering embodied empathy across symbiotic worlds Amelia Moore, University of Rhode Island/Marine Affairs

438. Scams, Frauds, and Fakes - II

Papers for Open Panels/Scams, Frauds, and Fakes
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Bacchus

Participants:
- Red flags & Sob Stories: What scams tell us about the consumerization of work Julia Ticona Ticona, University of Pennsylvania, Annenberg School for Communication
- Craigslist Blame Games: Assigning Responsibility for Online Scams jessa lingel, University of Pennsylvania, Annenberg School for Communication
- Platforms as Phish Farms: Deceptive Social Engineering at Scale Jasmine McNealy, University of Florida
- Fraud, Forensic Technologies, and the Legal Technology of Certification Andrew Ventimiglia, The University Of Queensland

Session Organizer:
- Winifred Poster, Washington University, St. Louis

Chair: Winifred Poster, Washington University, St. Louis

439. Quotidian Anthropocenes

Papers for Open Panels/Quotidian Anthropocenes
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside A

Participants:
- B-E-A-UTAHful?: U.S. Public Land Management and Use in the the Anthropocene Danica Loucks, University of California, Irvine
- Energy Politics in Transition: On the Charge of Responsibility in Austin’s Anthropocene James Adams, University of California, Irvine
- Mississippi River Anthropocenes: Running the River School Tim Schuetz, UC Irvine; Jason Ludwig, Drexel University
- Mississippi River Anthropocenes: The St. Louis Field Campus Jason Ludwig, Drexel University

Session Organizers:
- Scott Knowles
- [TEMP] Tyson Vaughan

Chairs:
- Scott Knowles
- [TEMP] Tyson Vaughan

440. The (Un)Promise of Enterprise 3.0: Data Mining, Data Analytics and Market Innovations in the Global South - II

Papers for Open Panels/The (Un)Promise of Enterprise 3.0: Data Mining, Data Analytics and Market Innovations in the Global South.
441. Seeing through New Eyes: Science, Truth and Technologies of Visualization - II
Papers for Open Panels/Seeing through New Eyes: Science, Truth and Technologies of Visualization
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Bayside C
Participants:
Exposed: The Detection of Deep Fakes through Digital Forensics Mitali Thakor, Wesleyan University
Visualization Personal Data for Infrastructural Inversion Matthew Bietz, University of California Irvine
Visualizing the Surveillance Archive: Critical Art and the Dangers of Transparency Torin Monahan, The University of North Carolina at Chapel Hill
Bridging the Gap: community-engaged art as tactic for learning about air pollution science Maria Michails, Rensselaer Polytechnic Institute
Session Organizer:
Sabrina Peric, University of Calgary
Chair:
Emily Boak, University of Calgary
Discussant:
Sarah Wagner, George Washington University

442. Counter-Hegemonic Epistemologies as Innovation and/or Contestation - II
Papers for Open Panels/Counter-Hegemonic Epistemologies as Innovation and/or Contestation
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:
Decolonizing the Curriculum and Learning to Care for the (Not-Vanishing) Indigenous Knowledge Natalia Kovalyova, iSchool UT Austin
Lights!, Cameras!, ACTION! Using Technology and Social Media to Address Racial Oppression and Persistent Inequality Jeffrey Will, University of North Florida; Monique Sampson, Northeast Florida Center for Community Initiatives
Silences, Imaginaries, Ethics, and Mistrust: Identifying and Interacting with Suspicious Researchers in Archives Yvonne Melisande Eadon, UCLA
Session Organizer:
Kalindi Vora, University of California Davis

443. Ontologies of Environmental Governance - II
Papers for Open Panels/Ontologies of Environmental Governance
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Endymion
Participants:
An Ontology of Degradation: Thinking Degradation through the “Life of a Lake” Suneel Kumar, Department of Anthropology, University of Georgia
A Sea in Spite of a Lake Jennifer Lee Johnson, Purdue University
Thinking biodiversity “otherwise”: What an “ecology of selves” might mean for sustainable environmental governance Walker DePay, University of Georgia
Global Territorial Governance: A Multi-Scale Analysis of Indigenous Ontologies in a Pan-Amazonian Climate Initiative Sylvia Rocio Cifuentes, University of California, Santa Barbara
Session Organizers:
Jacob Weger, University of Georgia
Suneel Kumar, Department of Anthropology, University of Georgia
Chair:
Walker DePay, University of Georgia

444. Regenerating Research Culture: Feminist STS Approaches to STEM Graduate Methods
Papers for Open Panels/Regenerating Research Culture: Feminist STS Approaches to STEM Graduate Methods
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Estherwood
Participants:
“Notes for the Feminist Science Lab/Classroom”: Possibilities for Queer and Feminist Science in the University Maya Cruz, University of California - Davis
Articulations of Investment: Connecting Feminist STS with Women in STEM conversations Sarah Rebollos McCullough, University of California San Diego
Streak Plating and Silicon: An STS Re-Examining of Engineering From Within The Discipline James Dylan Rees, Rensselaer Polytechnic Institute
On Feminist Arts + Sciences of Noticing: Review and Reconnection in Community Data Lab Anita Say Chan, University of Illinois, Urbana-Champaign
Feminist Collaboratories: Regenerating Cultures of Research Kalindi Vora, University of California Davis
Session Organizer:
Kalindi Vora, University of California Davis

445. The Interpretive, Affective, and Ethical Work of Big Data in Health Care and Medicine - II
Papers for Open Panels/The Interpretive, Affective, and Ethical Work of Big Data in Health Care and Medicine
Open Panel
2:45 to 4:00 pm
46. Ethical Issues in Biomedical Research, Health Policy, and Clinical Practice – II
Papers for Open Panels/Ethical Issues in Biomedical Research, Health Policy, and Clinical Practice
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Gallier A
Participants:

- Epigenetics and the sociotechnical imaginaries of transgenerational justice
  Ilke Turkmendag, Newcastle University, Law School

- Across The Placental Barrier: The Ethics And Poltics Of Relational Biologies
  Karen Jen, University of Cambridge

- "You've got to stay in your lane": Ceding Responsibility for Ethical Challenges in Biomedical Research
  Margaret Waltz, UNC Chapel Hill

- Expertises, Morals and Controversies - ADPF 442 and the decriminalization of abortion in question
  Jonatan Sacramento, State University of Campinas - UNICAMP; maria conceicao da costa, State University of Campinas

- Vulnerable Populations and Biomedical Research in Costa Rica
  Carolina Quesada Cordero, Universidad de Costa Rica

Session Organizers:
Miranda Waggoner, Florida State University
Susan Markens, Lehman College, CUNY

Chair:
Miranda Waggoner, Florida State University

47. Finitude in Other Terms: Uncommoning Extinction - II
Closed Panels
Traditional (Closed) Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom A
Participants:

- Sacrificial Extractivism and Unfinished Extinction in the Woodlands of Central Chile
  Marcelo Gonzalez Galvez, Pontificia Universidad Católica de Chile

- Air in the Time of Oil: Regulatory Arbitrage and Urban Life in Africa
  Gabrielle Hecht, Stanford University

- On the Rights of Nature and their Criminalized Excess
  Kristina Lyons, University of Pennsylvania

- Performing Terminal Care for Pending Extinction
  Juno Salazar Parrenas, The Ohio State University

Session Organizers:
Manuel Tironi, Pontificia Universidad Católica de Chile
Marisol de la Cadena, UC Davis

Discussant:
Marisol de la Cadena, UC Davis

48. Beyond the Prosthetic Imaginary: New Intersections between STS and Disability Studies - II
Papers for Open Panels/Beyond the Prosthetic Imaginary: New Intersections between STS and Disability Studies
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom B
Participants:

- Technology and translations: situating and resituating 'deaf-hearers'
  Stephanie Lloyd, Université Laval

- Open Source: An Analysis of the Maker Movement in the Prosthetics Industry
  Erin Solomon, Rensselaer Polytechnic Institute

- Assistive spectacles: A vision for the future
  Steven Richardson, Queen's University; Thomas Abrams, Queen's University

- Crippling the Transition to the Extraordinary? Enabling Technologies and Extra_Ordinarity
  Melike Sahinol, Orient-Institut Istanbul

- The Biomedicalization of Hand Loss: Risking Health for Rehabilitation in a Vulnerable Population
  Emily Herrington, U Pittsburgh

Session Organizers:
Stephanie Lloyd, Université Laval
Zoe Wool, Rice University

Chair:
Zoe Wool, Rice University

Discussant:
Raquel Velho, Rensselaer Polytechnic Institute
**4S 2019 New Orleans**

*Newfoundland and Labrador; Emily Wells, Memorial University of Newfoundland and Labrador; Jessica Melvin, Memorial University of Newfoundland and Labrador; Alex Zahara, Department of Geography, Memorial University; Charlie Mather, Department of Geography, Memorial University*

Critical Participation: Entwining Travel with Production in STS Knowledge

**Gary Downey**, Virginia Tech

We always make and do more: the collateral realities of methodological rigor 1

Jessica Mesman, Maastricht University; Katherine Carroll, Australian National University

Session Organizers:

**Teun Zuiderent-Jerak**, Athena Institute, VU University, Amsterdam

**Gary Downey**, Virginia Tech

Chair:

**Teun Zuiderent-Jerak**, Athena Institute, VU University, Amsterdam

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**450. Interruptions and Facilitations: Moving Knowledge between Different Contexts**

Closed Panels

Traditional (Closed) Panel

2:45 to 4:00 pm

**Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Ballroom E**

Participants:

Between Experts and Laypersons – Midwives Offering Knowledge to Parents-To-Be

**Jenny Gleisner**, Department of Thematic Studies - Technology and Social Change, Linköping University

Alignment Work: Facilitating the Movement of Knowledge in Occupational Health

**Hannah Grankvist**, Department of Thematic Studies - Technology and Social Change, Linköping University

The Ideological Trade-Off as the Scientific Epistemic Culture Meets the Political – the Case of Needle Exchange Policy in Sweden

**Lena Eriksson**, Department of Public Health Sciences, Stockholm University

Strategic Knowledge Production and Cherry Picking – a Century of Alcohol Policy

**Johan Edman**, Department of Criminology

Between Science and Politics: Establishing Alcohol Expertise in Sweden, 1940-1960s

**Helena Bergman**, Södertörn University

Session Organizers:

**Jenny Gleisner**, Department of Thematic Studies - Technology and Social Change, Linköping University

**Hannah Grankvist**, Department of Thematic Studies - Technology and Social Change, Linköping University

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**451. Reimagining Expertise, Reconfiguring the Disciplines**

Single Paper Submission

Open Panel

2:45 to 4:00 pm

**Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Chenier**

Participants:

The power of the crowd and the search for theoretical foundation.

**Lala Hajibayova**, Kent State University

Unpacking Black-boxed Expertization: The Case of the Korean Astronaut Program

**Seungmi Chung**, Virginia Tech

Organizing Expert Systems and Democracy: the IMF Case

**Stephen Turner**, University of South Florida

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**Preliminary Program May 22, 2019**

Experts vs expertise: In what sense "scientific immortalism" is scientific?

**Anastasia Andreevna Ivanova**, Saint Petersburg State University

Innovating and Educating: Vitalizing the Imaginary of Interdisciplinarity

**Hendrik Wotwode**, WZB Berlin Social Science Center; **Anna Froese**, WZB Berlin Social Science Center

Approaching the Climate Change Crisis by Implementing Models of Community Action in Academic Institutions

**Brandon Batzloff**, University of California Merced; **Michael Spivey**, University of California Merced

Session Organizer:

**Etienne Benson**, University of Pennsylvania

Chair:

**Stephen Turner**, University of South Florida

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**452. (Re)generating Dialogues between STS and Bioethics**

Single Paper Submission

Open Panel

2:45 to 4:00 pm

**Sheraton New Orleans Hotel: Floor Fifth Floor - Grand Couteau**

Participants:

Doing Diagnosis in Child And Adolescent Mental Healthcare:

A Content Analysis of Diagnostic Statements in a Psychiatric Case Register

**Clodhina O'Connor**, University College Dublin

How psychiatric geneticists imagine their publics

**Jamie Thornton Lewis**, Cardiff University

A Leg Up? Neuroprosthetics, Elective Amputations, and Body Integrity Identity Disorder

**Richard B Gibson**, Independent Researcher

Big Issues in a Wee Place: Access to Health Care on Edinburgh’s Leith Walk

**Johanna Hemminger**, Independent Researcher

Ethical Issues in Biomedical Weight Stigma Reduction Efforts

**Ekaterina Huibregts**, Carleton University

Session Organizer:

**Gabriela Arguedas**, Universidad de Costa Rica

Chair:

**Gabriela Arguedas**, Universidad de Costa Rica

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**453. Governing Food - II**

Papers for Open Panels/Governing Food

Open Panel

2:45 to 4:00 pm

**Sheraton New Orleans Hotel: Floor Eighth Floor - Iris**

Participants:

‘Eating In Africa’: Reading Histories Of Taste, Personhood And Reproduction

In Food Governance

**Catharina Truyts**, Sol Plaatje University

Functional foods: Innovation of food, biomedicalizaton of life

**Maral Erol**, Isik University

Navigating Governance: Moving Foods through Regulatory Changes

**Heather Paxson**, Massachusetts Institute of Technology (MIT)

Selective (E)valuations: The Production of Opacity and Transparency of Values in the Swedish Meat Supply Chain

**Jonas Bååth**, Linnaeus University

Session Organizers:

**Saul Halton**, Virginia Tech

**Christy Spackman**, SFIS - Arizona State University

Discussant:

**Xaq Frohlich**, Auburn University

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**454. Domestic Technologies: Place, Person, Process – II**
455. Hi-Tech, Low-Tech, Self-Tech: Tactics for the Production and Consumptions of Playful Social Public Spaces - II
Papers for Open Panels: Hi-Tech, Low-Tech, Self-Tech: Tactics for the Production and Consumptions of Playful Social Public Spaces
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses
Participants:
Actionable Media in Smart Cities: How Artists and Scientists Are Augmenting Urban Environments John Tinnell, University of Colorado
Media Architecture as a mediation tool Waldemar Jenek, Queensland University of Technology
Re-Creating [Y]Our Place Together: D.I.Y. Placemaking David Agus Sagita, University
Session Organizer:
Benjamin Shirtcliff, Iowa State University
Discussant:
Mirko Guaralda, Queensland University of Technology
Chair:
Matthew David Lamb, Penn State University

456. Commoning Knowledge: Regeneration Through S&T
Papers for Open Panels: Commoning Knowledge: Regeneration Through S&T
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Nottoway
Participants:
Commoning safer chemicals: Socially robust knowledge in green chemistry? Ákos Kokai, University of California at Berkeley; Alastair Iles, UC Berkeley
Community-Based Labs and Radical Innovations in Open Source Pharmaceuticals Nicole Foti, University of California, San Francisco
Is a « state knowledge common » a real common? the Base Adresse Nationale case study Sébastien Shulz, Université
Session Organizer:
Shun-Nan Chiang, University of California, Santa Cruz

457. Technology, Inequality, and Social Justice - II
Papers for Open Panels: Technology, Inequality, and Social Justice
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Oak Alley
Participants:
Satellites, Drones, and Balloons: The Right to Connect and Aerial Internet Infrastructure Alex Reiss Sorokin, Massachusetts Institute of Technology
New Models: Translating and Mutating Prosthetic Technology in Late Colonial India Hilary Buxton, Institute of Historical Research, University of London
Traveling inequalities - a feminist analysis of aspirational technologies in women-empowerment programs Palashi Vagheia, Cornell University
The Politics of Little Empowerment Devices in International Development Shobita Parthasarathy, University of Michigan
Session Organizers:
Heidi Morefield, Princeton University
Shobita Parthasarathy, University of Michigan
Chair:
Heidi Morefield, Princeton University
Discussant:
Heidi Morefield, Princeton University

458. The Will to Improve, The Vision of Future-Making, and Innovations for Development - II
Papers for Open Panels: The Will to Improve, The Vision of Future-Making, and Innovations for Development
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Orpheus
Participants:
Making Agency in Development Projects: A Case Study in Cameroon Anthony Poon, Cornell University
The diversity of impacts brought by sound implementation of public-private partnerships in the veterinary domain Mariline Poupaud, CIRAD, UMR ASTRE, Université de Montpellier, Montpellier, France; Isabelle Dieuzey-Labaye, World Organisation for Animal Health (OIE); Marissa Peyre, CIRAD, UMR ASTRE, Montpellier, France
The Production of Indicators: Enumeration Labor, Information Technology, and the Project-based Practice of HIV Data Governance Malawi Chia-Shuo Tang, Amsterdam Institute for Social Science Research, University of Amsterdam
Session Organizer:
Shun-Nan Chiang, University of California, Santa Cruz
460. Sustainability & Transformation in Engineering Education - II: The Narratives & Limits of Engineering Education Reform
Papers for Open Panels/Sustainability & Transformation in Engineering and Engineering Education
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Southdown
Participants:
Integrating Gender and Diversity in Engineering Education and Research
Tanja Paulitz, TU Darmstadt; Bianca Prietel, Technical University Darmstadt
Reconfiguring the Engineer: Comparative Analyses on German and Turkish STS Curricula
Cansu Guner-Birdal, Munich Center for Technology in Society (MCTS); Emine Onculer Yayalar, Bilke University
What Impacts Uptake of Innovations in Engineering Education?
Samuel Appelhans, University at Albany; Sarah Riley Riley, Purdue University; Soheil Fatehboroujeni, Purdue University
Distributed Governance of Engineering Education in the United States: Making Sense of Engineering Education
Jeffrey Mathias, Cornell University; Tools for Unauthorized Trip Reporting as a Site of Innovation
James A Hodges, Rutgers University
Psychedelic Science And The Epistemic Regime of Data
Emma Stamm, Virginia Polytechnic Institute and State University
Limits of the Horizon: Cartography of a Utopian Episteme in Rainbow Gatherings
Noa Cykman, Federal University of Santa Catarina
Session Organizer:
James A Hodges, Rutgers University
Chair:
Yvonne Melisande Eadon, UCLA
461. The Body as Environmental Sensor - II
Papers for Open Panels/The Body as Environmental Sensor
Open Panel
2:45 to 4:00 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Zulu
Participants:

Theresa MacPhail, Stevens Institute of Technology
Discussant:
Theresa MacPhail, Stevens Institute of Technology

462. Counter-Hegemonic Epistemologies as Innovation and/or Contestation - III
Papers for Open Panels/Counter-Hegemonic Epistemologies as Innovation and/or Contestation
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Fourth Floor - Edgewood A & B
Participants:

Jeffrey Mathias, Cornell University

Tools for Unauthorized Trip Reporting as a Site of Innovation
James A Hodges, Rutgers University

Psychedelic Science And The Epistemic Regime of Data
Emma Stamm, Virginia Polytechnic Institute and State University

Limits of the Horizon: Cartography of a Utopian Episteme in Rainbow Gatherings
Noa Cykman, Federal University of Santa Catarina
Session Organizer:
James A Hodges, Rutgers University
Chair:
Yvonne Melisande Eadon, UCLA
data in eight European countries Rik Wehrens, Erasmus University

Session Organizers:
Miranda Waggoner, Florida State University
Susan Markens, Lehman College, CUNY

Chair:
Susan Markens, Lehman College, CUNY

464. Governing Food - III
Papers for Open Panels/Governing Food
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Iris

Participants:
Can the Consumer Speak?: How Policymakers (Have) Imagine(d) the Consumer in Food Politics Xaq Frohlich, Auburn University
"Citizen science, #FakeNews and the "end of expertise": Dietary guidelines and “failure” of science communication Adele H Hite, North Carolina State University
“Eat better and get moving “? Explaining how the French State legitimated a contested instrument Camille Boubal, Sciences Po
The Meat of the Matter: Fundamental Issues in the Classification of Food Carlin Soos, University of California, Los Angeles

Session Organizer:
Saul Halfon, Virginia Tech

Discussant:
Christy Spackman, SFIS - Arizona State University

465. Domestic Technologies: Place, Person, Process – III
Papers for Open Panels/Domestic Technologies: Place, Person, Process
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Mid-City

Participants:
Not Safe at Home: An Investigation of the Misuse of Smart Home Technologies as Tools for Cyberabuse. Jessica Pardee, Rochester Institute Of Technology
Weekly Planner Digitizer: Domestic Technologies in Hybrid Spaces Cansu Guner-Birdal, Munich Center for Technology in Society (MCTS)
Can Your TV Do That?: Surveillance, Smart TVs, and the Value of Privacy Cara Nash Dickason, Northwestern University

Session Organizer:
Amy Johnson

Discussant:
Li Cornfeld, Amherst College

Papers for Open Panels/Hi-Tech, Low-Tech, Self-Tech: Tactics for the Production and Consumptions of Playful Social Public Spaces
Open Panel
4:15 to 5:30 pm
Sheraton New Orleans Hotel: Floor Eighth Floor - Muses

Participants:
Digital Technologies for Participatory Public Space Engagement and Design: UN-Habitat Experience using Block by Block Methodology Jose Luis Chong, UN-Habitat
Public Learning Towards Smart Urban Places Eric Gordon,