

MONDAY, DECEMBER, 5

001. Pre-Conference Writing Workshop I

2:30 to 6:00 pm

Building B: B 201

Session Organizers:

Conference Chairs, 4S/ESOCITE

Laura Foster, Indiana University - Bloomington

TUESDAY, DECEMBER, 6

002. 4S Council Meeting

9:00 to 1:00 pm

Building D: D207

Session Organizer:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

003. Pre-Conference Writing Workshop II

9:30 to 4:30 pm

Building B: B 201

Session Organizer:

Conference Chairs, 4S/ESOCITE

WEDNESDAY, DECEMBER, 7

004. 4S Decolonial AI: Possibilities and Praxis

8:30 to 10:30 am

Building A: A004

Participants:

Human-Machine Communication, Artificial Intelligence, and Issues of Data Colonialism **Beth Coleman**, ICCIT/Faculty of Information, University of Toronto

AI and Disaster Risk: A Practitioner Perspective **Robert Soden**, University of Toronto

Decolonizing data about smart cities **Alessandra Renzi**, Concordia University

Shaping Feminist Artificial Intelligence Then and Now **Sophie Toupin**, Concordia University (Montreal, CANADA)

Discussant:

Priyank Chandra, University of Toronto

Chair:

Shion Guha, University of Toronto FoI

Session Organizer:

Beth Coleman, ICCIT/Faculty of Information, University of Toronto

005. Disentangling the Nature of Compound in Environmental Disasters

8:30 to 10:30 am

Building A: A012

Participants:

An Attempt to Use the Tools to Fight Social Incidents to Mitigate a Climate Disaster: Usage of Anti-Riot tools During the 2021 Wildfires in Turkey **Ece Gurleyik**, New York University

Gobernanza en la investigación socioambiental en dos proyectos sobre cambio climático **Ma. Elena Giraldo Palacio**, Universidad Nacional Autónoma de México; **Eliana**

Alejandra Arancibia, Profesora Asociada

Los Sentidos del Desastre. Las Hablas Comunes Frente a la Administración de Megaincendios en Chile **Claudio Salinas**, Universidad de Chile; **Karla Palma**, Universidad de Chile

Participation in the governance of the Samarco disaster: An Actor-Network Analysis **Thomas Rickard**, Instituto de Geociências (IGC), Universidade Federal Minas Gerais (UFMG); **Raoni Rajão**, Federal University of Minas Gerais (UFMG)

What Can Citizen Science And Food Movements Learn From Each Other Through Their Shared Struggles For Democracy, Technological Sovereignty And Sustainability? **Raquel Ajates**, Universidad Nacional de Educación a Distancia

Discussant:

Jennifer J Henderson, Texas Tech University

Chair:

Rodolfo Andres Hernandez, Texas Tech University

Session Organizer:

Jennifer J Henderson, Texas Tech University

006. Formations of Contagion without Infection

8:30 to 10:30 am

Building A: A102

Participants:

Psychiatry and epidemiology: contagion of styles of reasoning **Gladys Kostyrka**, University of Edinburgh

Epidemiology of Affects in Uruguay **Andrea Clara Bielli**, Universidad de la República; **Maria Pilar Bacci**, Universidad de la República; **Gabriela Lilián Bruno**, Facultad de Psicología de la Udelar Uruguay; **Nancy Beatriz Calisto**, Academic, University of the Republic (Uruguay)

Numbering Herbal Toxicity for Nations and Infants in Singapore and Taiwan after World War II. **Po-Hsun Chen**, Centre for the History of Science, Technology, and Medicine, the University of Manchester, UK

Of Wars and Drugs: Complicity and Collaboration at the Intersection of Criminology and Epidemiology in South Asia **Mauricio Najarro**, UC Berkeley, Dept of Anthropology

Chair:

Mauricio Najarro, UC Berkeley, Dept of Anthropology

Session Organizer:

Lukas Engelmann, University of Edinburgh

007. AI, Cyborgs, Robots and Religion I

8:30 to 10:30 am

Building A: A104

Participants:

Ram-Rajya At The Time of AI: The Statistical Turn In Technoscience **Ravi Shukla**, Jawaharlal Nehru University

The Stars in our Algorithms: Speculation and Divination from Astrology to Artificial Intelligence **Leona Nikolić**, Concordia University (Montreal, CANADA)

The Allahgorithm: When 'Suggested Content' Becomes Deified Colonial Whiteness: Perceptions Amongst Young Professional British Muslims **William Barylo**, University of Warwick, UK

Discussant:

Damien Patrick Williams, University of North Carolina at Charlotte

Chair:

W.E. King, University of Washington

Session Organizer:

W.E. King, University of Washington

008. Entre Autonomías y Soberanías Tecnológicas - Reflexiones y acciones

8:30 to 10:30 am

Building A: A106

Participants:

Comunicaciones Tosepan Limakxtum *Adrián López Angulo*,
Redes por la Diversidad, Equidad y Sustentabilidad A.C.

¿Autonomía o coproducción?: triálogo entre iniciativas de
creación tecnológica en la ruralidad colombiana *Nicolás*
Gaitán-Albarracín

Experiencia Educativa colaborativa Taller Tosepan
Ojtatsentekitinij – estudiantes de diseño de producto
Sebastian Maya Tapiero, *Universidad Anáhuac Puebla*

Chair:

Juan David Reina Rozo

Session Organizers:

Nicolás Gaitán-Albarracín

Adrián López Angulo, *Redes por la Diversidad, Equidad y*
Sustentabilidad A.C.

Lilian Nayibe Chamorro

Sebastian Maya Tapiero, *Universidad Anáhuac Puebla*

009. Environmental Disturbances of Experiments

8:30 to 10:30 am

Building A: A110

Participants:

The expanded laboratory: Laboratory as including surrounding
environment *Tiffany Nichols*, *Harvard University - History*
of Science

Bone sticks to your tongue: Making sense of data in
archaeology *Amanda Almeida Domingues*, *Cornell*
University

Emplacing Physics *Nithyanand Rao*, *UC San Diego*

Learning about environments while doing genetics *Nicole C*
Nelson, *University of Wisconsin Madison*

Chair:

Nicole C Nelson, *University of Wisconsin Madison*

Session Organizers:

Nicole C Nelson, *University of Wisconsin Madison*

Tiffany Nichols, *Harvard University - History of Science*

**010. Taxonomies in an Era of More-Than-Human Agency //
Taxonomías en la Era de Agencia No-Humana**

8:30 to 10:30 am

Building A: A112

Participants:

A Political Taxonomy of Terrain: Ravines in Guatemala City
Melanie Ford Lemus, *Rice University*

Cultivos, in silico y biodiversidad. Problemas y discursos en
taxonomía de levaduras en el siglo XXI *Santiago Kaderian*,
CONICET

The Uses of Biodiversity in Colombia. Taxonomic Operations
in Violent Landscapes *Jaime Landinez Aceros*, *Stanford*
University

Untangling Taxonomies of Trout in the U.S. West *Christine*
Biermann, *University of Colorado Colorado Springs*; *David*
Havlick, *University of Colorado Colorado Springs*

Discussant:

Elana Shever, *Colgate University*

Chair:

Pablo AguileraDelCastillo, *Department of Anthropology, The*
University of Pennsylvania

Session Organizer:

David Havlick, *University of Colorado Colorado Springs*

**011. Technologies of Scalable Power: Big Data, Big Tech, ‘Cloud’
services, and scalable technoepistemics in global computing**

8:30 to 10:30 am

Building A: A202

Participants:

How to counter-act hegemonic search with European search
projects “growing in the ruins scalability leaves behind”
Astrid Mager, *Austrian Academy of Sciences*

Big Tech's Scalability, or the lack thereof: Nonscalability of
infrastructural computing technologies *Yoehan Oh*,
Rensselaer Polytechnic Institute

Governing European Cloud Infrastructures *Andreas Baur*,
Universities of Amsterdam and Tübingen

Chair:

Yoehan Oh, *Rensselaer Polytechnic Institute*

Session Organizer:

Yoehan Oh, *Rensselaer Polytechnic Institute*

**012. The animal farm: how to study care in multi-species
encounters**

8:30 to 10:30 am

Building A: A204

Participants:

An Ecology of Empowerment: Women Farmers, Livestock
Relationships, and Ethics of Care in Sustainable Agriculture
Taylor Hartson, *University of Notre Dame*

Engaging with Animal Suffering on Factory Farms *Aaliah M.*
Carlos, *University of Waterloo, Canada*

How to welcome new species in the Arctic? *Barbara Beata*
Baczynska, *Nord University*

Chair:

Barbara Beata Baczynska, *Nord University*

Session Organizers:

Barbara Beata Baczynska, *Nord University*

Rebeca Ibáñez Martín, *Royal Dutch Academy of Sciences*
(KNAW)

**013. Antibiotic trajectories: exploring global connections of
antibiotic production and distribution I**

8:30 to 10:30 am

Building A: A205

Participants:

Balancing Knowledge Reliability and Ethical Acceptability at
the Moscow Institute for New Antibiotics, 1950s-1970s
Pavel Vasilyev, *HSE University St. Petersburg*; *Viktoria*
Vinokurova, *HSE University*

The trajectory of The Fixed-dose combinations of antibiotics for
tuberculosis in global and Brazilian context *Luiz Villarinho*,
Centre de Recherche Médecine, Sciences, Santé, Santé
Centrale et Société (cermes3), Paris; *Maurice Cassier*,
CNRS/France; *Marilena Corrêa*, *Institute of Social*
Medicine, State University of Rio de Janeiro

Exploring Trajectories: Antibiotics as Objects of Global Trade
and Local Consumption *Heidi E. Fjeld*, *University of Oslo*;

Anne Lie, University of Oslo

Discussant:

Christoph Gradmann, University of Oslo

Chair:

Mingyuan Zhang, University of Oslo

Session Organizers:

Heidi E. Fjeld, University of Oslo

Mingyuan Zhang, University of Oslo

014. Automated Progress? Questioning Techno-optimistic Projections For Automation and the Future of Work I

8:30 to 10:30 am

Building B: B102

Participants:

Conjuring Up Momentum: How Claims to Automated 'Fixes' in the Future Stifle Diverse Opportunities for Sustainable Agriculture in the Here and Now *Patrick Baur, University of Rhode Island; Alastair Iles, UC Berkeley*

Upgrade and Obsolescence: Race, Automation, and the Intermingled Revolutions of the Postwar United States *Jason D Ludwig, Cornell University*

Labor Must Have Many Faces- Seeing Like a Gig Company *Ira Anjali Anwar, School of Information at University of Michigan*

Chair:

Ira Anjali Anwar, School of Information at University of Michigan

Session Organizers:

Patrick Baur, University of Rhode Island

Alastair Iles, UC Berkeley

015. Beyond Technoscientific Utopias/Dystopias I

8:30 to 10:30 am

Building B: B103

Participants:

Negotiating the Boundaries of Futures through Speculative Design *Tawanna Dillahunt, University of Michigan School of Information; Alex Jiahong Lu, University of Michigan; Julia Couch, University of Michigan School of Information*

Sensing Sociotechnical Imaginaries through IoT Poles *Elma Hajric, SFIS - Arizona State University*

Transhumanism & Future Technology: How Transhumanism Influences Emerging AI Technologies *Dayna Leann Jeffrey, Department of Science & Technology Studies, York University*

"You really are a thing!" - Queering relations with the more-than-human world *Tommi Dufva, Aalto-university; Henriikka Ylirisku, Aalto University, the school of Arts, Design and Architecture*

Chair:

Tommi Dufva, Aalto-university

Session Organizer:

Dayna Leann Jeffrey, Department of Science & Technology Studies, York University

016. Co-Construction of Data and Communities as Forms of Life I

8:30 to 10:30 am

Building B: B105

Participants:

Doing Good Data: Co-Producing Applications With Vulnerable Mothers, Welfare Workers And Policy-Makers *Hugo*

Peeters, Erasmus University Rotterdam

Learning from Radical (re)Constructions of Data Practices:

Grassroots Visions of Communities' Data and Data Care

Ethics *Saguna Shankar, The University of British Columbia*

Máquinas que regulan nuestra vida moral *Juan Carlos Moreno,*

Santo Tomas University; Sara Guzman, Université de

Grenoble

On not making youth care redundant: incompatibility of technological frames *Sabrina Huizenga, Erasmus University Rotterdam*

Chair:

Juan Carlos Moreno, Santo Tomas University

Session Organizers:

Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign

Juan Carlos Moreno, Santo Tomas University

017. Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries I

8:30 to 10:30 am

Building C: C105

Participants:

A Dialética das Periferias: Interseccionalidade Como Pedagogia da Práxis Para a Inclusão Tecnocientífica *Rafaela Mota Ardigó, Universidade Tecnológica Federal do Paraná*

A relação universidade-setor público sob a perspectiva da extensão universitária: um estudo sobre a Universidade Estadual de Campinas (Unicamp) *Thais Aparecida Dibbern, University of Campinas (Unicamp); Evandro Cristofoletti, University of Campinas (Unicamp); Denis Alves, University of Campinas (Unicamp); Amanda Trentin, University of Campinas (Unicamp); Milena Serafim, University of Campinas (Unicamp)*

Desenho Participativo Para Reconstruções Dialógicas Entre Universidade E Periferias: Uma Modelagem Das Contradições Para Apoio À Ação-Reflexão *Bernardo Alves Villarinho Lima, Universidade Tecnológica Federal do Paraná; Leonelo Dell Anhol Almeida, Universidade Tecnológica Federal do Paraná - UTFPR*

Atuação da Rede Fermento na Massa e a pandemia da COVID-19 *Helen Vanessa Melezinski, Universidade Tecnológica Federal do Paraná - UTFPR; Maira Fernandes Costa; Mário Lopes Amorim, UTFPR; Wanderlei José Deina*

A experiência do ensino remoto com crianças da educação infantil no município de Curitiba: o que aprendemos com um ensino mediado pela tecnologia? *Marta Mondini, Secretaria Municipal da Educação de Curitiba; Nestor Saavedra, Universidade Tecnológica Federal do Paraná*

15 anos depois: a construção social do mercado do leite caprino no Semiárido *Oswaldo Gonçalves Junior, Unicamp*

Chair:

Yuri Gabriel Campagnaro, Universidade Tecnológica Federal do Paraná

Session Organizers:

Bernardo Alves Villarinho Lima, Universidade Tecnológica Federal do Paraná

Luana Las Schaab, Universidade Tecnológica Federal do Paraná

Yuri Gabriel Campagnaro, Universidade Tecnológica Federal do Paraná

Rafaela Mota Ardigó, Universidade Tecnológica Federal do

Paraná

018. Technology Sovereignty in Food and Agriculture: digital

8:30 to 10:30 am

Building C: C204

Participants:

- Algo-ecological Development: Contesting Digital Logics and Plantation Power in the Valle del Cauca *Alex Liebman*
- Enacting and Evaluating Food Sovereignty, Technology Sovereignty, and Data Justice in Farm-Level Digital Technologies *Sarah-Louise Ruder, University of British Columbia; Hannah Wittman, University of British Columbia*
- Technological Engagement for Food Sovereignty: The Emancipatory Geography of Digital Agri-Technologies in Quebec and Ontario *Kelly Bronson, Department Of Sociology And Anthropology, University Of Ottawa; Mascha Gugganig, Technical University Munich (TUM); Sarah Marquis, University of Ottawa*
- The politics of potato germplasm conservation in the Peruvian Highlands *Sebastian Zarate, North Carolina State University; Jason A. Delborne, North Carolina State University*
- Regenerative agriculture, settler colonialism, and movements for technology sovereignty *Julie Snorek, Dartmouth College; Geneva M.L Smith, Dartmouth College; Susanne Freidberg, Dartmouth College*

Chairs:

- Barbara Van Dyck**, Centre for Agroecology, Water and Resilience, Coventry University
- Maywa Montenegro de Wit**, University of California - Santa Cruz

Session Organizers:

- Barbara Van Dyck**, Centre for Agroecology, Water and Resilience, Coventry University
- Maywa Montenegro de Wit**, University of California - Santa Cruz

019. Alternative Sociotechnical infrastructures I

8:30 to 10:30 am

Building D: D102

Participants:

- Análisis sociotécnico de las relaciones entre las capacidades estatales e innovación en los servicios de transporte y movilidad urbana en el Valle de México *Sergio Gustavo Astorga, CONACYT/ UAM Xochimilco*
- Infrastructure and The Soma of Trade *Christina Dunbar-Hester, University of Southern California*
- Maintaining value in storage infrastructures: the politics and multiple economic paths of diminished things *Pierre Delvenne, Université de Liège (SPIRAL); Hadrien Macq, Technische Universität München; Céline Parotte, University of Liege - Spiral*
- Alternativas sociotécnicas en defensa de la soberanía alimentaria por las mujeres del GVG en Tlaxcala, México *Yolanda Castañeda Zavala, Universidad Autónoma Metropolitana; Yolanda Cristina Massieu Trigo, UAM*
- Fluid engineering: changing scales and logic of flood management in Mumbai *Chitra Venkataramani*

Chair:

- Sergio Gustavo Astorga**, CONACYT/ UAM Xochimilco

Session Organizer:

Yolanda Cristina Massieu Trigo, UAM

020. Datification and data platforms I

8:30 to 10:30 am

Building D: D105

Participants:

- A Colonização Do Tempo E A Modulação De Comportamento Nas Plataformas Digitais *Debora Franco Machado, UFABC*
- Asserting Unknowing / Uncertainty and Data as Deferral *Leah Horgan, Northeastern University*
28. Critical datification, platformization and algorithmic cultures from Latin America and the Global South *Juan Ortiz Freuler, Berkman Klein Center / Annenberg, USC*
- Processing Pleasure *Patrick Keilty, University of Toronto*

Chairs:

- Juan Ortiz Freuler**, Berkman Klein Center / Annenberg, USC
- Sarah Elaine Bratt**, University of Arizona

Session Organizer:

Conference Chairs, 4S/ESOCITE

021. Politics of biotechnology and biomedicine I

8:30 to 10:30 am

Building D: D108

Participants:

- A good (genetic) match? Applying whole-genome testing to select gametes *Mauro Turrini, Consejo Superior Investigaciones Cientificas (CSIC); Vincenzo Pavone, Consejo Superior Investigaciones Cientificas (CSIC)*
- A Postgenomic Quilt: The Turn to Endophenotypes and Deep Phenotyping in Medical Genetics *Daniel Navon, University of California, San Diego; Kathryn Metcalf, University of California San Diego*
- Budget IVF: Assessing American use of low-cost IVF across the politically contested US-Mexico border *Chloe Sariago, Yale University*
- ELSI/RRR emphasized frames for biotechnology in the Japanese coverage: a comparative analysis between genetic modification, regenerative medicine, and brain-science *Kohei Takeda, Osaka University; Megumi Komata, Graduate School of Arts and Sciences, the university of Tokyo; Kanako Takae, Waseda Institute of Political Economy; Mikhito Tanaka, Waseda University; Ryuma Shineha, Osaka University*

Chair:

- Kohei Takeda**, Osaka University

Session Organizer:

Conference Chairs, 4S/ESOCITE

022. Socio-cultural dimensions of AI I

8:30 to 10:30 am

Building D: D202

Participants:

- AI, Cultural Transmission, and Refusing the Imperative: sound and storytelling with artificial intelligence and machine learning *Debashis Sinha, Toronto Metropolitan University*
- All Artificial Intelligence is Normative: Politics of Efficiency, Technological Fixes & Structural Problems *Inga Ulicane, De Montfort University*
- Critical theory and artificial intelligence: for a critique of algorithmic rationality *Fabien Richert, Université du Québec à Montréal (UQAM)*

Cellular Automata Theory as Experimental Method *Samuel Pizelo, University of California, Davis*

Chair:

Fabien Richert, Université du Québec à Montréal (UQAM)

Session Organizer:

Conference Chairs, 4S/ESOCITE

023. Recovery

11:00 to 1:00 pm

Building A: A004

Presenters:

Rebecca Jordan-Young, Barnard College, Columbia University

Samuel Kelton Roberts, Columbia University

Kelly Moore, Loyola University Chicago

Kerwin Kaye, Wesleyan University

Chair:

Rebecca Jordan-Young, Barnard College, Columbia University

Session Organizer:

Elizabeth Bernstein, Barnard College, Columbia University

024. Engaging Science, Technology, and Society: Meet the Editors

11:00 to 1:00 pm

Building A: A012

Chair:

Grant Jun Otsuki, Victoria University of Wellington

Session Organizers:

Aalok Khandekar, Indian Institute of Technology Hyderabad

Alison Kenner, Drexel University

Angela Okune, University of California - Irvine

Noela Invernizzi, Universidade Federal do Paraná

Emily York, James Madison University

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

Duygu Kasdogan, İzmir Katip Çelebi University

Sujatha Raman, The Australian National University

025. The appropriation and mobilization of knowledge of Science, Technology, and Innovation as an epistemic element and inclusion in the National Health Systems

11:00 to 1:00 pm

Building A: A102

Participants:

A socio-cognitive account of patient simulation pedagogy *Ivana Guarrasi, Minnesota State University, Mankato*

La apropiación social del conocimiento. Un análisis del SNS en México sobre la Diabetes Mellitus *Ana Laura González Zambrano, UNAM*

análisis de la movilización de conocimiento y las prácticas epistémicas de los investigadores en Diabetes Mellitus tipo 2 *Juan Carlos García Cruz, Cátedras CONACYT/ UAM Xochimilco; Alexandre Vera-Cruz, Universidad Autónoma Metropolitana, Dpto. Producción Económica y Posgrado en Economía, Gestión y Política de Innovación, México*

Procesos De Innovación En Comunidades Virtuales Análisis De Caso: Comunidades Virtuales En Español Relacionadas Con Diabetes Tipo 2 *Isis Andrea Ordoñez Linares, UAM Xochimilco*

The communication of science as a tool for the social appropriation of knowledge in public health *Xenia Anaid Rueda, UNAM*

Chair:

Xenia Anaid Rueda, UNAM

Session Organizer:

Juan Carlos García Cruz, Cátedras CONACYT/ UAM Xochimilco

026. AI, Cyborgs, Robots and Religion II

11:00 to 1:00 pm

Building A: A104

Participants:

The Religion of Technology at the Grassroots *Jacob Boss*

Mechanisms of Becoming: A Discussion of the Magico-Religious Valences of Machine Intelligence and Technology *Damien Patrick Williams, University of North Carolina at Charlotte*

Discussant:

Tristan Gohring, Indiana University - Bloomington

Chair:

William Barylo, University of Warwick, UK

Session Organizer:

W.E. King, University of Washington

027. The Cold War, Leftist Internationalism, and Health

11:00 to 1:00 pm

Building A: A106

Participants:

Alternative Knowledge Circulation: China, Leftist

Internationalism and Learning Management of Health Statistics *Lu Chen, University of Exeter*

Radioisotope Itineraries and Nuclear Medicine between Socialist and Third World Countries *Gisela Mateos, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM; Edna María Suárez Díaz, Profesora-investigadora, Facultad de Ciencias, UNAM, Mexico.*

Solidarity in Medical Education: Creating Latin American Social Medicine *Sebastian Fonseca, University of Exeter*

Moral Governance and Women's Bodies from Left to Right, an Unexpected Alignment *Andrea Espinoza, King's College London*

Chair:

Andrea Espinoza, King's College London

Session Organizer:

Edna Suárez-Díaz, UNAM - México

028. Artificial Intelligence, Health and Knowledge: Data Infrastructures for the Life Itself I

11:00 to 1:00 pm

Building A: A110

Participants:

Digitizing, Translating and Explaining Activity: Ethnographic Insights on a Machine Learning Based Psychiatric Intervention *Ben Berners-Lee, University Of California San Diego*

The communication valence of transparency and explainability as principles in the ethical governance of health AI *Leslie Salgado, University of Calgary, Department of Communication, Media and Film*

the Digital health and rights: A participatory action research project *Javier Guerrero-C, Instituto Tecnológico Metropolitano; Natalia Nino-Machado, Universidad de los Andes, Bogotá, Colombia; Catalina González, Universidad de los Andes*

Redressing past injustices and health disparities by actively engaging stakeholders into curation of AI/ML-ready datasets
Jean-Christophe Bélisle-Pipon, Simon Fraser University

Chairs:

Michaela Th. Mayrhofer, BBMRI-ERIC
Melanie Goisauf, University of Vienna

Session Organizers:

Mónica Cano Abadía, BBMRI-ERIC
Kaya Akyüz, University of Vienna
Melanie Goisauf, University of Vienna

029. Health Emergencies and Reconfigurations of Governance I: Authority, Science, and Policy

11:00 to 1:00 pm
Building A: A112

Participants:

The Science Says: Performance, Mirages, and Demands of Scientific Authority in Crisis Policymaking *Eric B Kennedy*, York University

Making Mask-wearing Citizens in South Korea during the Covid-19 Pandemic *Hawon Chang*, Pusan National University; *Sungook Hong*, Seoul National University

The clocks run slightly different. Clashing time-frames in COVID-19 health risk governance *Sabrina Huizenga*, Erasmus University Rotterdam; *Hester van de Bovenkamp*, Erasmus University Rotterdam; *Lieke Oldenhof*, Erasmus University, Institute of Health Policy and Management; *Roland Bal*, Erasmus University Rotterdam

Philanthropic Politics: The Carlos Slim Foundation and COVID-19 Vaccination in Mexico *Emily Vasquez*, University of Illinois at Chicago

Digital Health driven by Neoliberalism as a catastrophic scenario *Marcelo Fornazin*, Oswaldo Cruz Foundation - Fiocruz; *Raquel Rachid*, Oswaldo Cruz Foundation - Fiocruz

Discussants:

Steve G. Hoffman, University of Toronto
Michael Rabi, The Hebrew University of Jerusalem

Chair:

Sabrina Huizenga, Erasmus University Rotterdam

Session Organizer:

Michael Rabi, The Hebrew University of Jerusalem

030. Femicide Data Activism

11:00 to 1:00 pm
Building A: A202

Presenters:

Aimee Zambrano Ortiz, Utopix—Monitor de Femicidios
Dawn Wilcox, Women Count USA: Femicide Accountability Project
Audrey Mugeni, Counting Dead Women Kenya
Kathomi Gatwiri, Counting Dead Women Kenya
Ivonne Ramírez, Ellas Tienen Nombre
Aleida Lujan Pinelo, University of Turku

Chair:

Saïde Mobayed, University of Cambridge

Session Organizer:

Helena Suárez Val, University of Warwick

031. Altering Food, Animals and Environment I

11:00 to 1:00 pm
Building A: A204

Participants:

Green Gold - Ethnographic Engagements With Science On Living Cell Factories To Enable A Sustainable Future *Vibeke Pihl*, Department of People and Technology, Roskilde University, Denmark

Levaduras naturales y levaduras OGM en cerveza: emergencias inesperadas y contradictorias. *Santiago Kaderian*, CONICET

Making a Way: The Protected Space for Gene Edited Food in Japan *Tomiko Yamaguchi*, International Christian University

Maize agricultural research and its implications in the sociotechnical futures *Mariana Garcia*, Wageningen University

Perceiving One's Land - An Investigation Into The Relationship Between Market Gardeners And Their Soil *Lucile Wittersheim*, Museum National d'Histoire Naturelle

Whose Anthropocene? Whose sustainability *Clemet Askheim*, University of Oslo

Chair:

Theresa Selfa, SUNY ESF Environmental Studies

Session Organizer:

Tomiko Yamaguchi, International Christian University

032. Antibiotic trajectories: exploring global connections of antibiotic production and distribution II

11:00 to 1:00 pm
Building A: A205

Participants:

Virtual antibiotic trajectories: performing control through documenting practices in a hospital antibiotic stewardship team in Spain *Cristina Moreno Lozano*, University of Edinburgh

Antibiotics On And Off Tracks In Rural Tanzanian Health Facilities *Sine Grude*, University of Oslo

Possibilities and Limitations of Regulating the Informal Antibiotic Trajectories in a Refugee Camp in Lebanon *Amanda Hylland Spjeldnæs*, Institute of health and society, University of Oslo

Chair:

Anne Lie, University of Oslo

Session Organizers:

Heidi E. Fjeld, University of Oslo
Mingyuan Zhang, University of Oslo

033. Automated Progress? Questioning Techno-optimistic Projections For Automation and the Future of Work II

11:00 to 1:00 pm
Building B: B102

Participants:

Between The Forms And Fantasies of Food Supply Chain Governance: Examining The Utopian Imaginaries of Blockchain *Anubha Singh*, University of Michigan - School of Information

Constraining the Scope of Automation One Samosa at a Time *Barkha Satish Kagliwal*, Cornell University, Department of S&TS

La Era Digital y sus Implicaciones Socioeconómicas en un entorno de Desigualdad Digital *Michelle Chauvet*, Universidad Autónoma Metropolitana-Azcapotzalco, México; *Evelia Oble*, Universidad Autónoma Metropolitana Azcapotzalco

Čapek at the Coffee House: Performances of Artificial

Intelligence in the Service Industry *Mathew Iantorno*,
Faculty of Information, University of Toronto

Chair:

Michelle Chauvet, Universidad Autónoma Metropolitana-Azcapotzalco, México

Session Organizers:

Patrick Baur, University of Rhode Island

Alastair Iles, UC Berkeley

034. Beyond Technoscientific Utopias/Dystopias II

11:00 to 1:00 pm

Building B: B103

Participants:

Challenging the Politics of Categories: Towards A New Grammar of Content Policy in the Metaverse *Kyooeun Jang*, USC Annenberg

Examining The Interplay Of Technological Futures, Science Fiction and Utopian Thinking *Andreas Metzner-Szigeth*, Free University of Bolzano

Ways of futuring: Practices to overcome dichotomies in Latin American Futurisms *Martin Andrés Perez Comisso*

Acting Out Futures: Fostering Action, Communication, and Community in a Rural, Agricultural Area *Wyatt Galusky*, Hamilton College; *Wyatt Galusky*, Suny College Of Ag & Tech, At Morrisville

Chair:

Martin Andrés Perez Comisso

Session Organizer:

Martin Andrés Perez Comisso

035. Co-Construction of Data and Communities as Forms of Life II

11:00 to 1:00 pm

Building B: B105

Participants:

Indigenous Knowledges Meet Internet Infrastructure: A Design Justice Approach *Fernanda R. Rosa*, Virginia Tech

Interrogating Community Alignment in Demographic Data Collection and Use for Algorithmic Fairness *McKane Andrus*, *Human Centered Design & Engineering (HCDE)*, University of Washington; *Sarah Villeneuve*, Partnership on AI

La Construcción De Datos Como Resultados De Acuerdos Y Compromisos Para Pensar Proyectos De Energías Alternativas: El Caso De Soluciones De Energía En La Comunidad Wayú En La Guajira Colombiana *JAVIER JIMENEZ*, CTS-Lab FLACSO / *Divergence*; *MONICA BUSTAMANTE*, CTS-Lab FLACSO / *Divergence*

¿Qué datos queremos las mujeres? *Kemly Camacho*, Coop Sulá Batsú

Chair:

Juan Carlos Moreno, Santo Tomas University

Session Organizer:

Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign

036. Caring Futures: Assembling Imaginaries, Embodiments and Practices in Sociotechnical Systems of Care

11:00 to 1:00 pm

Building B: B108

Participants:

Whose Care are We Talking About? *Isabel García Velázquez*,

Department of Thematic Studies - Tema Genus, Linköping University

What Does it Take for Prostheses to be Technologies of Care?

Lucie Dalibert, University Claude Bernard Lyon 1;

Valentine Gourinat, University Claude Bernard Lyon 1;

Paul-Fabien Groud, University Claude Bernard Lyon 1

Re-Imagining AI-Assisted Care Through Design *Pedro*

Sanches, Umeå University; *Irene Kaklopoulou*, Umea University

The Changing Landscape of Care Work in Health in the Global South *Naveena Karusala*

Conversational AI as a Caregiver Companion *Semahat Ece*

Elbeyi, University of Copenhagen

Chair:

Isabel García Velázquez, Department of Thematic Studies - Tema Genus, Linköping University

Session Organizer:

Isabel García Velázquez, Department of Thematic Studies - Tema Genus, Linköping University

037. Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries II

11:00 to 1:00 pm

Building C: C105

Participants:

Confluências E Divergências Entre O Design Participativo E A Tecnologia Social *Francisco Javier Díaz Uzcategui*, Universidade Tecnológica Federal do Paraná - UTFPR; *Leonelo Dell Anhol Almeida*, Universidade Tecnológica Federal do Paraná - UTFPR

Critical Reflection on Academic Extension *Melissa Bertolini Rodrigues*, Universidade Tecnológica Federal do Paraná; *Francis Kanashiro Meneghetti*, Universidade Tecnológica Federal do Paraná; *Márcia Jakeline de Almeida*, UTFPR/PPGTE; *Luis Marcelo Bessa Maretti*, UTFPR/PPGTE

Crítica praxica e educação científica : contribuições a partir do método dialético *Thiago Augusto Moreira Toniolo*, Bairro Alto; *Marcelo Lambach*, UTFPR Universidade Tecnológica Federal do Paraná

Observatório de Políticas Públicas *Oswaldo Gonçalves Junior*, Unicamp; *Juliana Pires de Arruda Leite*, UNICAMP; *Paulo Van Noije*, UNICAMP; *Rodrigo Ribeiro de Souza*, UNICAMP; *Angela Christina Lucas*, Universidade Estadual de Campinas - Unicamp

Uma Análise Sobre a Lei da Curricularização da Extensão Considerando a Perspectiva CTS *Frederico Severo Miranda*; *Marília Abrahão Amaral*, Universidade Tecnológica Federal do Paraná - UTFPR

Chairs:

Bernardo Alves Villarinho Lima, Universidade Tecnológica Federal do Paraná

Luana Las Schaab, Universidade Tecnológica Federal do Paraná

Session Organizers:

Bernardo Alves Villarinho Lima, Universidade Tecnológica Federal do Paraná

Luana Las Schaab, Universidade Tecnológica Federal do Paraná

Yuri Gabriel Campagnaro, Universidade Tecnológica Federal do Paraná

Rafaela Mota Ardigó, Universidade Tecnológica Federal do Paraná

038. Universities recuperating during environmental, health, and social crises

11:00 to 1:00 pm

Building C: C108

Participants:

Reflexivity, Epistemology, and Patchwork Remedies at University and K-12 Schools during the Pandemic *Fred Ariel Hernandez, University of California - Irvine; Nadine Tanio, University of California, Irvine*

Speech trouble. The policing of academic talk *Knut H Sørensen, NTNU Norwegian University of Science and Technology*

The impacts of the COVID-19 pandemic on university–community engagement *Evandro Cristofolletti, University of Campinas (Unicamp); Romulo Pinheiro, University of Agder*

Can epistemic injustice explain universities' current crisis strategies? *Sharon Traweek, UCLA*

Time to recuperate? The temporalities of academic work under lockdown *Martin Oliver, UCL Institute of Education*

Reflections on The Construction of University of Science and Technology for The Aged under The Background of Actively Coping with Population Ageing *Xiao Ma*

Discussant:

Joan FUJIMURA, University Of Wisconsin-Madison

Chair:

Sharon Traweek, UCLA

Session Organizers:

Sharon Traweek, UCLA

Knut H Sørensen, NTNU Norwegian University of Science and Technology

039. Art, Science, and Technology Studies

11:00 to 1:00 pm

Building C: C110

Participants:

Book 1: Routledge Handbook of Art, Science, and Technology Studies, Edited by Hannah Star Rogers, Megan K Halpern, Dehlia Hannah, Kathryn de Ridder-Vignone (Routledge 2021) *Megan Halpern, Michigan State University*

Book 2: Art, Science, and the Politics of Knowledge, By Hannah Star Rogers (MIT Press 2022) *Hannah Star Rogers, Science, Technology and Innovation Studies, The University of Edinburgh*

Book 3: Bauhaus Futures, Edited by Laura Forlano, Molly Wright Steenson and Mike Ananny (MIT Press 2019) *Laura Forlano, Illinois Institute of Technology*

Book 4: Sensing Machines How Sensors Shape Our Everyday Life (MIT Press 2022) *Chris Salter, Concordia University*

Book 4: Architecture Zero, By Jacob Lillemose (A Mock Book 2022) *Jacob Lillemose, Curator Department of Public Health, Medical Museion Fredericiagade*

Book 3: A Year Without a Winter, Edited by Dehlia Hannah (Columbia Books on Architecture and the City 2019) *Dehlia Hannah, Columbia University*

Discussants:

Kathryn de Ridder-Vignone, South Carolina Governor's School for Science & Mathematics

Lisette Lorenz, Cornell University

Autumn Brown, Science Gallery Dublin

Chair:

Hannah Star Rogers, Science, Technology and Innovation Studies, The University of Edinburgh

Session Organizer:

Hannah Star Rogers, Science, Technology and Innovation Studies, The University of Edinburgh

040. Technology Sovereignty in Food and Agriculture: TS, open source, tech assessment

11:00 to 1:00 pm

Building C: C204

Participants:

Agroecología, soberanía alimentaria y emergencia de políticas científicas postneoliberales en México *Mónica Anzaldo, CONACYT-COLSAN*

Imaginário sociotécnico, soberania tecnológica e cultivos de erva-mate no estado do Paraná, Brasil *Ricardo Gomes Luiz, Universidade Tecnológica Federal do Paraná - UTFPR; Maclovia Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Technology Sovereignty in Food and Agriculture *Barbara Van Dyck, Centre for Agroecology, Water and Resilience, Coventry University; Maywa Montenegro de Wit, University of California - Santa Cruz*

Participatory Agroecological Assessment using Community-Based Technologies *Dana James, University of British Columbia; Hannah Wittman, University of British Columbia*

Can Agroecology and CRISPR mix? The Politics of Complementarity and Moving Toward Technology Sovereignty *Maywa Montenegro de Wit, University of California - Santa Cruz*

Chair:

Barbara Van Dyck, Centre for Agroecology, Water and Resilience, Coventry University

Session Organizers:

Barbara Van Dyck, Centre for Agroecology, Water and Resilience, Coventry University

Maywa Montenegro de Wit, University of California - Santa Cruz

041. Author-Meets-Critics: "Viral Cultures" by Marika Cifor and "The Distance Cure" by Hannah Zeavin

11:00 to 1:00 pm

Building C: C210

Participant:

Viral Cultures: Activist Archiving in the Age of AIDS *Marika Cifor, The Information School, University of Washington*

Discussants:

Hil Malatino, Penn State University

Emily Lim Rogers, Brown University

Nanna Bonde Thylstrup, Copenhagen Business School

Chair:

Patricia Garcia, School of Information, University of Michigan

Session Organizer:

Marika Cifor, The Information School, University of Washington

042. Datification and data platforms II

11:00 to 1:00 pm

Building D: D105

Participants:

Las condiciones de trabajo de los conductores de transporte de

pasajero de plataforma. El caso de los conductores de Puebla. *Juan Reyes*

Towards A Critical Use of Internet Platforms in the Climate Movement *Patricia Daniela Reyes Benavides, University of Twente*

The Exclusions of Connection, or, What's Not in the Data Relations of Logistical Capitalism *Prem Xavier Sylvester, Simon Fraser University*

Territories of data: ontological divergences in the growth of data infrastructure *Sebastián Lehuedé, University of Cambridge*

Chair:

Patricia Daniela Reyes Benavides, University of Twente

Session Organizer:

Conference Chairs, 4S/ESOCITE

043. Politics, data, and technologies

11:00 to 1:00 pm

Building D: D108

Participants:

Content recommendation algorithms, digital subjectivity and the racialized politics of spectacle on social media platforms. *Seyi Olojo, University of California, Berkeley*

El Papel De Los Dispositivos Técnico-jurídico En La Disputa Por El Acceso A Tierra En Colombia: Etnografía Institucional En El INCODER *Sergio Latorre, Universidad del Norte*

Fortune-Telling Algorithm: How Asian Folk Religion Is Turned into a Psychological Test *In Kim, Seoul National University, Republic of Korea*

Informational Power and AI: Folding, Derivatives, and Time *Sandra Braman, Texas A&M University*

Get my face out of your sight: the growing Brazilian movement for a facial recognition ban *Luã Cruz, University of Campinas*

Chair:

Sergio Latorre, Universidad del Norte

Session Organizer:

Seyi Olojo, University of California, Berkeley

044. Socio-cultural dimensions of AI II

11:00 to 1:00 pm

Building D: D202

Participants:

Influenciadores Mirins No Brasil: Uma Subjetividade-Modelo Produzida Para Produzir Dados Desde O Sul-Global *Veridiana Zurita, Federal University of ABC; Claudio Pentead, Federal University of ABC*

Inteligência Artificial e Processamento de Linguagem Natural no Exército Brasileiro: Análise do Chatbot “Cabo Max” *Isabella Vicari, Universidade Federal de São Carlos - UFSCar; Sylvia Iasulaitis, Universidade Federal de São Carlos (UFSCar)*

Lifelong learning in the age of AI: enactments in policies and education *Lina Rahm, Division of History of Science, Technology and Environment, KTH Royal Institute of Technology*

Visual Perception and Power: Non-Hegemonic Ways of Seeing with AI *Chrys Vilvang, Concordia University (Montreal, CANADA)*

Passing for Human: From the Social Other to Artificial

Intelligence *Ritwik Banerji, Iowa State University*

Chair:

Chrys Vilvang, Concordia University (Montreal, CANADA)

Session Organizer:

Conference Chairs, 4S/ESOCITE

045. The Promise of Multispecies Justice Reception

11:00 to 2:00 pm

Building G: G007-008

Chair:

Eben Kirksey, Deakin University

Session Organizer:

Eben Kirksey, Deakin University

046. Tapuya's Hebe Vessuri Lecture

1:00 to 2:00 pm

Building A: A202

Chair:

Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

Session Organizers:

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Vivette Garcia Deister, UNAM

047. América Latina ¿viajará a las estrellas? I

2:00 to 4:00 pm

Building A: A004

Participants:

A Satellite for Colombia: Between political ups and downs, and market failures. The CONPES 3983 document.. *Héctor Javier Hernández Moreno, Universidad Nacional de Quilmes*

Cabo Tuna: Hacia un programa espacial mexicano *Jose Luis Arauz-Lara, Universidad Autonoma de San Luis Potosi; Gerardo Saucedo-Zarate, Instituto Mexicano del Espacio Ultraterrestre, A.C., San Luis Potosi, S.L.P., Mexico; Refugio Martinez-Mendoza, Universidad Autonoma de San Luis Potosi; Angel de la Cruz-Mendoza, Universidad Autonoma de San Luis Potosi; Emmanuel Vazquez-Martinez, Universidad Autonoma de San Luis Potosi*

Ecuador ¿Mira al espacio? *Vanessa Páez, Escuela Politécnica Nacional*

Capacidades, voluntades e incertidumbres: perspectivas de la Agencia Latinoamericana y Caribeña del Espacio *Daniel Vizuite, FLACSO Ecuador*

Chair:

Daniel Vizuite, FLACSO Ecuador

Session Organizer:

Vanessa Páez, Escuela Politécnica Nacional

048. Contemporary issues of Contagion without Infection

2:00 to 4:00 pm

Building A: A012

Participants:

The Specter of the Transgender Epidemic *Ketil Slagstad*

Categorizing Harm: Post-Intensive Care Syndrome and the Epidemiology of Diseases of Medical Progress. *Angela Ross Perfetti, The University of Pennsylvania*

Epidemiography: Studying Urban Mental Health Risks Based On Observatory Data *Patrick Bieler, Humboldt-Universität zu Berlin*

The emerging epidemic of chronic inflammation *Amy McLennan, The Australian National University*

Chair:

Amy McLennan, The Australian National University

Session Organizer:

Lukas Engelmann, University of Edinburgh

049. Environmental Injustice: Building a Global Record I

2:00 to 4:00 pm

Building A: A104

Participants:

Understanding Petrochemical Harm: A Collaborative Ethnography of Kaohsiung, Taiwan *Wen-Ling Tu*, 復興南路一段135巷27號3F-3; *Chia-Liang Shih*, National Chengchi University

Making the Environmental Justice Community: Articulating Local Air Pollution Knowledges in Santa Ana, California *Jose Rea*, Madison Park Neighborhood Association (MPNA-GREEN), Santa Ana; *Kathryn Cox*; *Leonel Flores*, Madison Park Neighborhood Association (MPNA-GREEN), Santa Ana; *Taina Miranda Araujo*, University of California, Irvine; *Aiden Lee Brown*, University of California, Irvine; *Karishma Kumari Khanal*, University of California, Irvine

Living with, against, and well beyond environmental injustice in Sampson County, North Carolina (USA) *Rebecca Witter*, Sustainable Development Department, Appalachian State University; *Danielle Koonce*, Sociology, University of Maryland; *Dana E Powell*, Appalachian State University

Relays Toward Just Transition: Civic Science, Law and Archiving Vs. Formosa Plastics Corp. *Tim Schuetz*, UC Irvine; *Lauren Infantino*, University of California, Irvine

Plastic waste made invisible: Governmental control over wastes during the COVID-19 pandemic in South Korea *Hyunah Keum*, KAIST (Korea Advanced Institute of Science and Technology)

Discussant:

Scott Knowles, KAIST (Korea Advanced Institute of Science and Technology)

Chair:

Tim Schuetz, UC Irvine

Session Organizers:

James Adams, University of California, Irvine

Tim Schuetz, UC Irvine

Kim Fortun, University of California Irvine

050. Circulation of knowledge and know-how on big data and artificial intelligence in the global South

2:00 to 4:00 pm

Building A: A106

Participants:

Big data knowledge circulation in the Global South *Henry Chavez*, CEPED - Paris Université Cité - IRD

Posibilidades Críticas para la Academia en la Movilización de Tecnologías Inteligentes en Michoacán, México *Marisol Flores-Garrido*, Universidad Nacional Autónoma de México; *Luis Miguel García-Velázquez*, ENES Morelia, UNAM

Uma Introdução das Tecnologias de Inteligência Artificial no Center Of Artificial Intelligence (USP/FAPESP/IBM) *Juliane Helanski Cardoso*, Unicamp - Universidade Estadual De Campinas

AI and big data: controversies between imaginaries, regulations and uses in the public sector *María Belén Albornoz*, FLACSO Latin American Social Studies Faculty

Big data, IA y Datos Públicos: una mirada etnográfica sobre las ciencia de datos en los organismos públicos latinoamericanos *Bárbara Magalhaes de Aguiar Oliveira*

Session Organizers:

Henry Chavez, CEPED - Paris Université Cité - IRD

María Belén Albornoz, FLACSO Latin American Social Studies Faculty

051. Artificial Intelligence, Health and Knowledge: Data Infrastructures for the Life Itself II

2:00 to 4:00 pm

Building A: A110

Participants:

AI to Improve Knowledge of Women's Bodies? (Digital) Health and the Promise of Period Tracking Apps *Cécile Thomé*, Ined

AI, Wellbeing and Social Value in Future Smart Environments *Lauren Withycombe Keeler*, School for Future of Innovation in Society, Arizona State University; *Luke Boyle*, Arizona State University

Patient Knowledge Digitized — Open-source Closed-loop Systems in Type 1 Diabetes Self-care And Practices Of Knowing in On- And Offline Patient Communities *Bianca Jansky*, Ludwig-Maximilians-Universität Munich

Tracing From Below: An Study Of Human Enrollment On Technologies Of Surveillance And Care *Camila Hidalgo*, Technical University Munich (TUM)

Chairs:

Kaya Akyüz, University of Vienna

Mónica Cano Abadía, BBMRI-ERIC

Melanie Goisauf, University of Vienna

Session Organizers:

Michaela Th. Mayrhofer, BBMRI-ERIC

Melanie Goisauf, University of Vienna

052. Altering Food, Animals and Environment II

2:00 to 4:00 pm

Building A: A204

Participants:

Analysis of the GeneConvene Global Collaborative's Discussion Panels on Stakeholder Engagement in Gene Drive Research *Jill Furgurson*, North Carolina State University; *Jason A. Delborne*, North Carolina State University

Comparing Gene Editing Sociotechnical Imaginaries around Agriculture and Food: New Zealand and the US *Theresa Selfa*, SUNY ESF Environmental Studies; *Sara Velardi*, SUNY Binghamton; *Silje Kristiansen*, SUNY ESF

Reconfiguring Genetic Engineering Technologies for Biodiversity Conservation *daphne esquivel-sada*

Salmon imaginaries: Factors that marshall and mediate genomic technologies to (re)construct nature *Valerie Berseth*, Carleton University

Addressing Biodiversity Dilemmas from a Gene Editing Perspective *patrice kohl*, State University of New York College of Environmental Science and Forestry; *Sainath Suryanarayanan*, Holtz Center for Science & Technology Studies, University of Wisconsin-Madison

Chair:

patrice kohl, State University of New York College of Environmental Science and Forestry

Session Organizer:

Tomiko Yamaguchi, International Christian University

053. Antibiotic trajectories: exploring global connections of antibiotic production and distribution III

2:00 to 4:00 pm

Building A: A205

Participants:

Antibiotics in rivers: Following the trajectory of effluent limits on pharma-industrial wastewater in India *Lise Bjerke*, University of Oslo

Friend and Foe: India-China Trade Disputes on Penicillin and Cephalosporin APIs *Mingyuan Zhang*, University of Oslo

Experiments in Medical Sovereignty: Producing Therapy Between Export Economy and Domestic Industry in Highland Madagascar *Gabrielle Robbins*, MIT HASTS

Chair:

Heidi E. Fjeld, University of Oslo

Session Organizers:

Heidi E. Fjeld, University of Oslo

Mingyuan Zhang, University of Oslo

054. Automated Progress? Questioning Techno-optimistic Projections For Automation and the Future of Work III

2:00 to 4:00 pm

Building B: B102

Participants:

Disentangling the future of jobs from the future of work imaginaries: skills, occupations, and education *Nicolás Didier*, Arizona State University

A Processual Approach to Deskilling/Reskilling in Digital Automation: Case of the Platform Economy in the Service Sector *Linzhou Xing*, Georgia Institute of Technology

Intelligent Systems, the Productivity Paradox, and the Shrinking Middle *Shiv Issar*, University of Oregon; *Aneesh Aneesh*, University of Oregon

Chair:

Linzhou Xing, Georgia Institute of Technology

Session Organizers:

Patrick Baur, University of Rhode Island

Alastair Iles, UC Berkeley

055. Beyond Technoscientific Utopias/Dystopias III

2:00 to 4:00 pm

Building B: B103

Participants:

Contexting crisis: crisis as a temporal phenomenon in Yachay the city of knowledge in Ecuador. *Jose David Gomez*

Do Something Real: Doubt and Aspirational Realism in Brazilian Climate Politics *Jonathan Wald*, McGill University

#FutureWow: Leveraging the Exhibitional Imaginaries of World Expos *Toby Shulruff*, Arizona State University; *Levi Walker Wyman*, Arizona State University

Law and the Regulation of Traditional Medicine in Mauritius: Socio-technical futures and archipelago legalities *Nayeli Urquiza*, Independent scholar; *Emilie Cloatre*, Kent Law School, University of Kent

Querying food futures: hunger, fantasy, and technoscience

Maggie Mang

Chair:

Maggie Mang

Session Organizer:

Dayna Leann Jeffrey, Department of Science & Technology Studies, York University

056. Co-Construction of Data and Communities as Forms of Life III

2:00 to 4:00 pm

Building B: B105

Participants:

Beg Permission or Ask Forgiveness? Making Technologies Without Consent of the Governors. *Christopher Csikszentmihalyi*, Cornell University; *Marina Zafiris*, Cornell University; *Owen Marshall*, Cornell S&TS and Information Science

Co-designing information infrastructures for human crises *Jorge Rojas-Alvarez*, University of Illinois at Urbana-Champaign

Making Invisible, Visible: Surfacing Datawork by Health Workers within Public Health Information Systems in India *Pooja Chitre*, Arizona State University; *Kathleen H Pine*, Arizona State University

“Solidarity Not Charity!” Quantifying Trauma and the Potentials of Radical Trauma-informed Data and Care *Mary Ebeling*, Drexel University; *Dina Abdel Rahman*, University of Pennsylvania

Chair:

Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign

Session Organizers:

Jorge Rojas-Alvarez, University of Illinois at Urbana-Champaign

Juan Carlos Moreno, Santo Tomas University

057. Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries III

2:00 to 4:00 pm

Building C: C105

Participants:

Extensão Universitária E Covid-19: Experiências Das Incubadoras De Economia Solidária No Estado Do Paraná *Marilene Zazula Beatriz*, Professora Doutora do Departamento Acadêmico de Filosofia e Ciências Humanas (DAFCH-UTFPR) e do Programa de Pós-Graduação em Tecnologia e Sociedade da Universidade Tecnológica Federal do Paraná - UTFPR - Campus Curitiba; *Rayane Souza Costa*, Universidade Tecnológica Federal do Paraná - UTFPR; *Marcos Vinicius Regazzo*, Universidade Tecnológica Federal do Paraná - UTFPR

Handiness in the Borderland: Cultural Hybridization Of Digital Technologies In An Art/Education Event *Bianca Caroline Orsso*, FEDERAL UNIVERSITY OF TECHNOLOGY – PARANÁ – BRAZIL; *Mateus Filipe Lima Pelanda*, UTFPR; *Luiz Antonio Zahdi Salgado*, UNESPAR

Indicadores de Monitoramento e Avaliação de Impactos da Curricularização da Extensão: Contribuições da Teoria da Mudança *Ana Carolina Spatti*, University of Campinas (Unicamp); *Cibele Maria Garcia de Aguiar*, Universidade Estadual de Campinas; *Maria Cristina Raphael Vidrich*, Universidade Estadual de Campinas; *Andreas Karoly*

Gombert, Universidade Estadual de Campinas; Gian Formigone Santos, Universidade Estadual de Campinas; Marília Jesus Batista de Brito Mota, Faculdade de Medicina de Jundiaí; Monica Vannucci Nunes Lipay, Faculdade de Medicina de Jundiaí; Paula Homem de Mello, Universidade Federal do ABC (UFABC)

Participação Crítico-Inclusiva: entre diálogos e tecnologias
Leonelo Dell Anhol Almeida, Universidade Tecnológica Federal do Paraná - UTFPR; Marília Abrahão Amaral, Universidade Tecnológica Federal do Paraná - UTFPR

Ressignificando A Extensão Universitária A Partir Da Educação Popular: Curso De Cooperativismo Na Economia Solidária
Marilene Zazula Beatriz, Professora Doutora do Departamento Acadêmico de Filosofia e Ciências Humanas (DAFCH-UTFPR) e do Programa de Pós-Graduação em Tecnologia e Sociedade da Universidade Tecnológica Federal do Paraná - UTFPR - Campus Curitiba; Rayane Souza Costa, Universidade Tecnológica Federal do Paraná - UTFPR; Marcos Vinicius Regazzo, Universidade Tecnológica Federal do Paraná - UTFPR

Uma Proposta de Projeto de Pesquisa: explorando a integração entre políticas públicas de inclusão social e projetos extensionistas de inclusão digital no contexto sulista brasileiro
Andreia Jesus, Universidade Federal do Paraná; Marília Abrahão Amaral, Universidade Tecnológica Federal do Paraná - UTFPR

Chair:

Andreia Jesus, Universidade Federal do Paraná

Session Organizers:

Bernardo Alves Villarinho Lima, Universidade Tecnológica Federal do Paraná

Luana Las Schaab, Universidade Tecnológica Federal do Paraná

Yuri Gabriel Campagnaro, Universidade Tecnológica Federal do Paraná

Rafaela Mota Ardigó, Universidade Tecnológica Federal do Paraná

058. Not Returning To Normal: Examining and Contesting Power in the COVID-19 Era I

2:00 to 4:00 pm

Building C: C110

Participants:

Post-pandemic Science & Technology Education: Disaster-induced Ecojustice
John Lawrence Bencze, Ontario Institute for Studies in Education, University of Toronto; Lyn Carter, Australian Catholic University, Melbourne, VIC, Australia; Isabel Martins, Federal University of Rio de Janeiro

Whose Normal? Crisis as Opportunity for Questioning Privilege
Rouhollah Aghasaleh, California State Polytechnic University, Humboldt

Prácticas activistas de la academia en la universidad neoliberal chilena
Claudio Broitman Rojas, Universidad Andrés Bello; Carla Fardella, Universidad Andrés Bello

How vaccine politics highlight the essential relationship between science, power, and subjectivity
Jesse Bazzul, University of Regina

Reflections towards A Pedagogy of Clinical Labor and the COVID-19 Interregnum
Matthew Weinstein, Univ. Of Washington-Tacoma

Chair:

Rouhollah Aghasaleh, California State Polytechnic University, Humboldt

Session Organizer:

Matthew Weinstein, Univ. Of Washington-Tacoma

059. Technology Sovereignty in Food and Agriculture : labor, social movements

2:00 to 4:00 pm

Building C: C204

Participants:

Architects Of Abundance: The Role of Indigenous Agricultural Calendars in the Indigenous Food Sovereignty Movement.
Mariaelena Huambachano, Syracuse University

Emerging Agritechnologies for Migrant Farm Workers in Canada: Assessing Labour Impacts and Expert Knowledges Lost in Transnational Translation
Olivia Doggett, Faculty of Information, University of Toronto

Repossession, Commonization, Community Seed Banks in India
Sambit Mallick, Indian Institute of Technology Guwahati

Chair:

Maywa Montenegro de Wit, University of California - Santa Cruz

Session Organizers:

Barbara Van Dyck, Centre for Agroecology, Water and Resilience, Coventry University

Maywa Montenegro de Wit, University of California - Santa Cruz

060. AI and inequalities in medicine and health care: global perspectives

2:00 to 4:00 pm

Building C: C207

Participants:

Artificial Intelligence and Machine Learning in Functional Medicine
Rosalynn A Vega, UTRGV

Computer Aided detection (CAD) for tuberculosis: equity issues in the regulation of moving objects in the context of global health.
Julien Onno, University of Montreal; Pierre-Marie David, Université de Montréal; Faiz Ahmad Khan, University Mc Gill

Taking stock of what we are currently thinking: A systematic literature review on decolonial computing practices on AI in healthcare
M J Hunter Brueggemann, University of the Arts London; Victoria Neumann, Lancaster University; Soraya Kouadri, The Open University; Syed Mustafa Ali, The Open University

Health for All? WHO and the State Governance of Bionationalism in Taiwan and Global Contexts
Yu-yueh Tsai, Institute of Sociology, Academia Sinica

Chair:

M J Hunter Brueggemann, University of the Arts London

Session Organizer:

Achim Rosemann, De Montfort University, UK

061. Open Hardware: Perspectives on Open Science Beyond Access to Data and Publications

2:00 to 4:00 pm

Building C: C210

Participants:

Open Science Hardware and Public Policy: From Technology to Transforming Science
Shannon Dosemagen, Open

Environmental Data Project

Taming and Negotiating the Decentralisation of Internet of Things Networks *Andrés Domínguez Hernández, University of Bristol*

An Empirical Assessment of the Evolution of Open Hardware Documentation Practices in the Academic Community *Andre Maia Chagas, University of Sussex*

Open Infrastructure for Global Biomedical Research *Martin-Immanuel Bittner, Young Academy of the German National Academy of Sciences*

Planning Times: Forecasting Future Access in Scientific Data Practices *Sarika Sharma, University of Texas-Austin; Yubing Tian, University of Washington-Seattle; Megan Finn, University of Washington; Amelia Acker, The University of Texas at Austin*

Discussant:

Séverine Cazaux, Instituto de Ingeniería Biomédica, Pontificia Universidad Católica de Chile

Chair:

Julietta Arancio, Drexel University Center for Science, Technology & Society

Session Organizer:

Julietta Arancio, Drexel University Center for Science, Technology & Society

062. Alternative Sociotechnical infrastructures II

2:00 to 4:00 pm

Building D: D102

Participants:

Social memory infrastructures: exploring the role of socio-technical affordances in shaping social memories of violence *Allan A Martell; Fatima Espinoza Vasquez, University Of Kentucky*

Source Code As Learning Infrastructure: Python's Turtle Module *Elliott Hauser, The University of Texas at Austin; Amelia Acker, The University of Texas at Austin*

Stored in Plain Sight: A History of the Inventory *Martin Giraudeau, Sciences Po; Zsuzsanna Vargha, ESCP Business School*

Eco-critical Code Studies: Reconfigurations of nature in the born-digital artifact "Colossal Cave Adventure" from text to VR *Dennis Jerz, Seton Hill University*

Grid in the real time: engineering an everyday market for electricity *Canay Ozden-Schilling, National University of Singapore*

Techno-economic calculations, infrastructures and economic policy-making *Guillaume Yon, London School of Economics*

Chairs:

Zsuzsanna Vargha, ESCP Business School

Guillaume Yon, London School of Economics

Session Organizer:

Conference Chairs, 4S/ESOCITE

063. Sociotechnical dimensions of markets

2:00 to 4:00 pm

Building D: D202

Participants:

Big Tech's Financial Structures—Where to Begin, Where to End? *Allegra Fonda-Bonardi, University of Michigan School of Information*

Equitable Entanglements: Science, New Markets, and Social

Justice for Marijuana *Melissa Creary, University of Michigan, School of Public Health; Katherine M Hendy, University of Michigan*

Formación de mercados para cadenas cortas agroalimentarias en un contexto de innovación social transformadora *Garrido Garza Francisco, INRAE / LISIS; Douglas Robinson, CNRS/LISIS*

Inclusión de habilidades digitales en las ofertas laborales en México *Rocio Aguilar Trujillo*

Supply Chains for the Long Crisis: Critical Dissociation and Alternative Materiality in Grassroots Mutual Aid Projects in California *Margaret Sue Davis, University of Southern California*

Alternativizing Markets: The Arrangement of Social and Economic Difference in Swedish Reko-Rings *Jonas Bååth, Dept. of People and Society, SLU Alnarp / Dept. of Service Studies, Lund University; Christian Fuentes, Department of Business Administration and Textile Management, University of Borås, Sweden; Department of Service Management and Service Studies, Lund University, Sweden*

Chair:

Melissa Creary, University of Michigan, School of Public Health

Session Organizer:

Conference Chairs, 4S/ESOCITE

064. América Latina ¿viajará a las estrellas? II

4:30 to 6:30 pm

Building A: A004

Participants:

El desarrollo tecno-productivo argentino del sector espacial en el marco de las dinámicas de la industria satelital internacional (2008-2021). *Mariana Versino; Eliana Angela Fernández Massi, CEUR-CONICET*

Nación Cósmica. La Comisión Nacional del Espacio Exterior y la Diplomacia Científica Mexicana, 1962-1977 *Gloria Maritza Gomez Revuelta, El Colegio de Mexico*

Towards a Mexican astroethics: Cosmopolitics and Cosmopoetics from the Margins *Anne Warren Johnson, Universidad Iberoamericana Ciudad de Mexico*

Chair:

Anne Warren Johnson, Universidad Iberoamericana Ciudad de Mexico

Session Organizer:

Daniel Vizuete, FLACSO Ecuador

065. Ecosistemas Abiertos de Aprendizaje, Innovación y Emprendimiento

4:30 to 6:30 pm

Building A: A008

Participants:

Cooperación entre instituciones de educación superior para la transferencia del conocimiento y la tecnología en Querétaro *Raúl Arturo Alvarado-López, Cátedras CONACYT/UAQ; Alberto de Jesús Pastrana-Palma, Universidad Autónoma de Querétaro*

Makerspaces: Inovação e Aprendizagem *Shana Gonçalves Oliveira, UTFPR / PPGTE; Silvestre Labiak JR., UTFPR / PPGTE*

Política de Innovación en la industria metalmeccánica de Ecuador. *Anderson Argothy, Universidad Técnica de Ambato*

Chair:

Anderson Argothy, Universidad Técnica de Ambato

Session Organizer:

Silvestre Labiak JR., UTFPR / PPGTE

066. ForeSTS

4:30 to 6:30 pm

Building A: A012

Participants:

Carbon Workers and the Smart Forest *Jennifer Gabrys, University of Cambridge*

Valuation conflicts: gold mining and timber logging in French Guiana's tropical forests *Nassima Abdelghafour, Ecole Nationale Supérieure des Mines de Paris; Liliana Doganova, Mines ParisTech; Brice Laurent, ARMINES*

How long lived trees challenge us to think of other futures *Andrew S. Mathews, UC Santa Cruz*

Blazing trees to adapt forests to the Anthropocene: the performance of a controversy *Charlotte Glinel, CNRS - Sciences Po - Centre de Sociologie des Organisations*

What is a forest worth? The future as a temporal and political domain *Liliana Doganova, Mines ParisTech*

Unpacking Forest Certification: the scope and limitations of market-driven private governance for sustainable forestry in Chile *Tomas Undurraga, Universidad Alberto Hurtado*

Discussant:

Vera Ehrenstein, EHESS - Centre d'Etude des Mouvements Sociaux

Chair:

Charlotte Glinel, CNRS - Sciences Po - Centre de Sociologie des Organisations

Session Organizers:

Liliana Doganova, Mines ParisTech

Brice Laurent, ARMINES

067. Environmental Injustice: Building a Global Record II

4:30 to 6:30 pm

Building A: A104

Participants:

Local resistance against industrial (toxic) waste dumps and citizen research practices in the Middle German Chemical Triangle *Philipp Baum, MLU Halle*

Remembering, Restoring, and Re-story-ing in the Remedial Project Management of Ecological "Sacrifice Zones" near Red Water Pond Road Community, Navajo Nation (Diné Bikéyah) *Thomas De Pree, University of New Mexico Health Sciences Center*

Scales of Data: Mapping and Communicating Environmental Hazards *Fred Ariel Hernandez, University of California - Irvine; Maragret Tebbe, University of California, Irvine*

Bunun Trailmaking as Environmental Justice Knowledge-Practice: Critical Walking Modalities to "Pay Respect to Mountains and Seas" *Dana E Powell, Appalachian State University; Ying-Tzu Ena Chang, Academia Sinica, Taiwan; Tana Takisvilainan, Bunun Patas Mountaineering Association | National Dong Hwa University; Abus Cheng Yi Cheng Yi Chun Istasipal, Bunun Patas Mountaineering Association | National Dong Hwa University*

En/Countering Petro-racial Capitalism: A Transversal Approach

to Just Energy Transition in Austin, Texas *James Adams, University of California, Irvine*

Discussant:

Michael M.J. Fischer, MIT HASTS

Chair:

Dana E Powell, Appalachian State University

Session Organizers:

Tim Schuetz, UC Irvine

Kim Fortun, University of California Irvine

068. Metaphors as Meaning and Method in Technoculture

4:30 to 6:30 pm

Building A: A110

Presenters:

Juan Llamas-Rodriguez, Annenberg School for Communication, University of Pennsylvania

Loren Britton, Independent Artist & Researcher, MELT

Sophia Jaworski, University of Toronto

Hong-An Wu, University of Texas at Dallas

Chairs:

Sarah Blacker, York University

Marika Cifor, The Information School, University of Washington

Session Organizers:

Jas Rault, University of Toronto

T.L. Cowan, University of Toronto

069. Health Emergencies and Reconfigurations of Governance II: Learning in and from Emergency

4:30 to 6:30 pm

Building A: A112

Participants:

Japan's Covid-19 Governance: Legacies of Fukushima and Towards New Visions of Expertise *Kyoko Sato, Stanford University; Kohta Juraku, Tokyo Denki University; Mikihiro Tanaka, Waseda University*

Learnings and perceptions of mission-oriented scientific policy (M-OP) instrument in the Chilean innovation systems to respond to the COVID-19 pandemic emergency. *Jorge Manuel Vielma Salazar, School of Science, Universidad de Chile*

Rules for Operating at Warp Speed *Amanda J Arnold, SFIS - Arizona State University*

Institutional Coordination and Uncertainty: Understanding the Mexican Police Response to COVID-19 *Adina Radosh Sverdlin, University of Toronto*

Chair:

Adina Radosh Sverdlin, University of Toronto

Session Organizer:

Michael Rabi, The Hebrew University of Jerusalem

070. Molecular Anthropologies: Exploring the Relations that Animate Cellular Lives

4:30 to 6:30 pm

Building A: A202

Participants:

Method and theory otherwise: envisioning a critical molecular archaeology *Samantha M Archer, University of Connecticut*

"That's a beautiful embryo." Exploring the Lives of Reproductive Cells, Embryologists, and Molecular Relations of Care in the Fertility Lab *Manon Lefevre, Yale University*

Mapping molecules: reconfiguring population-wide genetic

studies in South Asia *Urvi Kaul, University of Connecticut*

Chair:

Urvi Kaul, University of Connecticut

Session Organizer:

Manon Lefevre, Yale University

071. (New) Territories of Ignorance: what do ignorance studies ignore? II

4:30 to 6:30 pm

Building A: A204

Participants:

Sociospatialities of Ignorance: On the Interscalings of Hyperlocal Data in Environmental Governance *Akshita Sivakumar, University of California at San Diego*

Who Knows The Underground? Dynamics Of Knowledge And Nonknowledge Production To Look At Power *Julianna Colonna Valevski Cardial, University of Pau*

Widening the focus of ignorance studies *Maël Goumri, CERMES3 INSERM U988; Laura Barbier, CERMES3; Lisa Claussmann, Université Paris Cité, CERMES3; Justyna Moizard-Lanvin, Université Paris Cité / Cermes3*

Knowledge Around Air Pollution In India And Ghana: State Denial And The Search For National Science *Jessica Pourraz, Centre Population et Développement (CEPED) Université Gustave Eiffel, Institut Francilien Recherche Innovation en Société, LabEx SITES*

Chair:

Laura Barbier, CERMES3

Session Organizers:

Lisa Claussmann, Université Paris Cité, CERMES3

Maël Goumri, CERMES3 INSERM U988

Justyna Moizard-Lanvin, Université Paris Cité / Cermes3

072. Post-truth in Latin American contexts

4:30 to 6:30 pm

Building C: C105

Participants:

The military and the environmental science-policy interface in the Brazilian Amazon: from the military regime to Bolsonaro *Raoni Rajão, Federal University of Minas Gerais (UFMG)*

Reflections on post-truth based on case-studies carried out in Brazil *Tiago Ribeiro Duarte, University of Brasília*

Populism and the simulation of scientific input in policymaking: the Mexican 'Mayan' train case *Luis Ignacio Reyes-Galindo*

Chair:

Raoni Rajão, Federal University of Minas Gerais (UFMG)

Session Organizer:

Luis Ignacio Reyes-Galindo

073. Not Returning To Normal: Examining and Contesting Power in the COVID-19 Era II

4:30 to 6:30 pm

Building C: C110

Participants:

Learning Viruses during and after COVID-19 through feminist critical science literacy *Sara Beth Giordano, Kennesaw State University; Angela Willey, University of Massachusetts, Amherst*

Science education through evidence-based thinking citizens.

Insights and experiences from Chile. *Patricia López Stewart*
Covid 19 in Brazil: controversies and politics of expertise

Marko Alves Monteiro, State University of Campinas - UNICAMP

The Limits and Contradictions of Scientific Literacy: The Case of the Peruvian Government's COVID Strategy *Rogelio Scott Insua, Cornell University*

The Intersections of Solidarity and Structural Inequality in the COVID-19 Pandemic *Amelia Fiske, Technical University Munich*

Chair:

Rogelio Scott Insua, Cornell University

Session Organizer:

Patricia López Stewart

074. Art and Science

4:30 to 6:30 pm

Building D: D102

Participants:

Abordajes Artes-Ciencias Para La Educación y Pensamiento Ambiental: Recorridos Desde Proyecto Rumia *Gabriela Klier, Universidad Nacional de Río Negro; Juan Francisco De Rosa, Universidad Nacional de Río Negro*

Engaging Science Audiences through Music. Representations of Physics Themes in Hip Hop *Mircea Sava, University of Bucharest*

La ciencia ficción como distinción entre ciencia y ficción extra científica *Anibal Hernan Corrales Castillo*

Práticas pedagógicas para a ERER no ensino de artes na perspectiva do letramento étnico-racial *Livia weyl Costa*

Chair:

Andrea Kominek, UTFPR

Session Organizer:

Conference Chairs, 4S/ESOCITE

075. Infrastructural Calculations

4:30 to 6:30 pm

Building D: D105

Participant:

AI innovation at the end of the tunnel? Technological solutionism and AI imaginaries in Brazil *Guilherme Cavalcante Silva, York University*

Chair:

Chitra Venkataramani

Session Organizer:

Guillaume Yon

076. Politics of biotechnology and biomedicine II

4:30 to 6:30 pm

Building D: D108

Participants:

Industrial Politics: Framings of responsibility in the UK biotech industry *Achim Rosemann, De Montfort University, UK*

Leveraging Evidence of Harm: The Role of Epigenetic Science in Social Justice *Fionna F Fahey, California Polytechnic State University, San Luis Obispo; Robbin Jeffries, Cal Poly Corp; Martine Lappe, California Polytechnic State University, San Luis Obispo*

The racial-colonial legacy of "caste" and its effects in today's population genetics of India *Thiago Pinto Barbosa, Universität Bayreuth / Vrije Universiteit Amsterdam*

A Comparative Bioconstitutional Study of the Problematicization of Mitochondrial Replacement Therapy in Argentina and

Mexico *Alberto Aparicio, Harvard STS Program, Harvard Kennedy School*

Chair:

Thiago Pinto Barbosa, Universität Bayreuth / Vrije Universiteit Amsterdam

Session Organizer:

Conference Chairs, 4S/ESOCITE

077. Plenaria Presidencial ESOCITE - Panel Innaugural: Agendas CTS y Agendas locales/globales de Ciencia y Tecnologia

4:30 to 6:30 pm

Building H: Manuel Acévez Auditorium

Discussants:

Pablo Kreimer, CONICET

Léa Maria Leme Velho, UNICAMP

Rosalba Casas

Hebe Vessuri, Independent researcher

Noela Invernizzi, Universidade Federal do Paraná

Session Organizer:

Ronald Cancino, Universidad de la Frontera

078. Welcome Reception

6:30 to 8:30 pm

Gymnasium: Gymnasium

Session Organizers:

Conference Chairs, 4S/ESOCITE

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

THURSDAY, DECEMBER, 8

079. Making & Doing Central Exhibition I

2:00 to 6:30 pm

Gymnasium: Gymnasium

Participants:

A Strange Assemblage of Water & Wire_installation *Miranda marcus*

Bootstrapping DIY Materials Culture with Mycological Phantasms *William J Lockett, New York University; Nic Lee, Massachusetts Institute of Technology; Sabrina Chin-yun Shen, Massachusetts Institute of Technology*

Caring Regions as a Trading Zone: Shaping Regional Older Person Care through Organizational Pilots, Policy Strategies and Social Science *Iris Wallenburg, institute for Health Policy and Management; Jitse Schuurmans, Erasmus University Rotterdam; Roland Bal, Erasmus University Rotterdam*

Citizen-Led Science: Participatory STS, Forensics and Data Justice *Ernesto Schwartz Marin, Exeter University; Arely Cruz Santiago, Exeter University*

Encountering the Border Laboratory: A BorderTech Digital Ethnography in/ with/ for the Mexican Borderlands *Danielle Kabella, ASU School of the Future of Innovation in Society; María Torres Martínez, Arizona State University; Octavio Mucino-Hernandez, SFIS - Arizona State University; Lindsay Adams Smith, Arizona State University; Ben Gansky, Arizona State University*

Entering into resonance: vibrations around a common world from encounters between the 9th art and science *Pierre*

Delvenne, Université de Liège (SPIRAL); Lucas Bechoux, Université de Liège (SPIRAL); Valérie Beniest, Dargaux; Léonard Chemineau, Comic author; Wim Decock, University of Liège; Sarah Delvaux, University of Liège; Catherine FALLON, Liege University; Jean-Baptiste Fanouillère, University of Liege; Colin Glesner, Université de Liège; Luce Lebrun, University of Liège; Emmanuel Lepage, Comic author; Wilfried Lupano, Comic author; Valentine Meens, University of Liège; Céline Parotte, University of Liege - Spiral; Nicolas Thirion, University of Liège; François Thoreau, Spiral, University of Liege; Helene Dodion, ULiège

Fit But You Know It: Workshopping Methods for Decolonising Fashion Practice *Olivia Hegarty, University of the Arts, London; Cian O'Donovan, University College London; Luke Stevens, University of the Arts, London*

Found STS: Doing STS through performance *Sophia Efstathiou, Norwegian University of Science & Technology (NTNU)*

Funk technology - Let's do our thing *Juan Ocampo, Lund University*

Grupo de atendimento COM-POR pessoas negras: uma tecnologia social antirracista *Loíse Lorena do Nascimento Santos, Universidade do Estado do Rio de Janeiro; Sonalle Cristina de Azevedo da Fonseca; Hebert Silva dos Santos, Universidade do Estado do Rio de Janeiro; alexandra cleopatre tsallis, Universidade do Estado do Rio de Janeiro*

Hacer Tierra *Maru Garcia*

Hacking the WITCH: Predictive Climate Modeling for the Social Sciences *Samara Hayley Steele, University of California at Davis*

Imagining Alternative Academic Futures Through a Mapping Game / Imaginando Futuros Académicos Alternativos a Través de un Juego de Mapeo *Heather Rosenfeld, Smith College; Denia Djokić, University of Michigan - Ann Arbor; Claudia Schwarz-Plaschg, None*

Neural Re-Presentation *George Simms, I-Dat*

Our Soil/Nuestros Suelos: Community Science for Soil Care *Abby Kinchy, Rensselaer Polytechnic Institute; Salvatore Engel-Di Mauro, SUNY New Paltz; Kathy High, Rensselaer Polytechnic Institute; Tal Margalit, Rensselaer Polytechnic Institute; Hannah Price, Rensselaer Polytechnic Institute; Mónica Ramírez-Andreotta, University of Arizona; Sebastian Ureta, Universidad Alberto Hurtado; Daniel Valenzuela, Universidad Santo Tomas; Dan Walls, Rensselaer Polytechnic Institute; Chie Xu, Yale University; Caleb Yunis, Universidad Alberto Hurtado*

Re-experiencing Water *Marisa Manheim; Christy Spackman, SFIS - Arizona State University*

Research Methods for Co-designing Digital Learning Spaces (tawaw.org) *Marguerite Koole, University of Saskatchewan; John Traxler, University of Wolverhampton; Shri Footring, Independent Researcher*

Tablet tabling: A speculative performance in two parts *Sydney Neuman, York University; Avery Nabata, Independent*

The Healthcare Innovation Race: Transparency and Collaboration versus Distrust (a Boardgame) *Ilaria Galasso, University College Dublin; Susi Geiger, University College Dublin*

The Labyrinth Project (A podcast about the maze of nature in

Los Angeles) *Christopher Kelty, UCLA; Chase A Niesner*
 The Museum of AfroFuturities *Elizabeth J Chin, ArtCenter College of Design; Temi Odumosu, University of Washington; Elise Co, ArtCenter College of Design*
 The Museum of the Absurd *Beatrys Rodrigues, Cornell University*
 A Memorial to Earth *Sylvia Janicki, Georgia Institute of Technology*
 Content Moderation by Design (CMbD) Card Game Extension Pack Creation *Anna Lenhart, University Of Maryland College Park; Sarah Gilbert, Cornell; Katie Shilton, University of Maryland, College Park*
 Do Graphics Processing Units Have Politics? A Performance-based Inquiry *Ben Gansky, Arizona State University; Shawn Lawson, Arizona State University; Colleen Pulawski, Free Machine*
 Liberatory Technology And Digital Marronage *Kenia Hale, Ida B. Wells Just Data Lab; Payton Croskey, Co-Lead*
 Making and Doing Multispecies STS *Alberto E Morales, Princeton University*
 Medical Archive: Translating the Social History of Psychiatry, Archival Ethics, and Visual History in the Post-Soviet Classroom *Pavel Vasilyev, HSE University St. Petersburg; Vladislav Yakovenko, HSE University; Mikhail Pogorelov, Museum of the History of Giliarovskii Preobrazhenskaia Psychiatric Hospital*
 Meshworking: A feminist-decolonial workshop in visualizing distributed-togetherness and contemporary entrepreneurial knowledge-production *Nadine Tania, University of California, Irvine; Jade Vu Henry, University College London (UCL); Lisa Lehner, Cornell University; Christine Maria Kaiser, School of Creative Media - City University Hong Kong; Kay Mei Ling Beadman; Michael Leung, School of Creative Media; Helen Beetham, University of Wolverhampton; Megan Olinger, City University of Hong Kong; Riar Rizaldi, City University of Hong Kong; CHEN HUANG, City University of Hong Kong; Anton Dragan Maslic, City University of Hong Kong*
 Navigating Hybridity, Together: A Co-Created Artwork With Art/Tech/Nature/Culture *Kit Braybrooke, Technische Universität Berlin; Ann Light, University of Sussex*
 STS Tarot Decks: A Hands-On Approach To Critically Imagining The Future *Shannon N. Conley, James Madison University; Elizabeth A. Reddy, Colorado School Of Mines; Brad Tabas, ENSTA Bretagne; Brenda Trinidad; Toluwalogo Odumosu, James Madison University; Damien Patrick Williams, University of North Carolina at Charlotte*
 Where To Start: Interventions Into Data Bias Using Wikipedia *Sofia Stancioff, Concordia University*

Chairs:

Martin Andrés Perez Comisso
Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology
Yelena Gluzman, University of Alberta

080. Decolonizing the Governance of Technoscience: Bioinformation and AI in the Global South

8:30 to 10:30 am
 Building A: A012

Participants:

Aspirations Otherwise: From “Big Pharma versus Nelson Mandela” to the South African mRNA Hub *Anne Pollock, King's College London*
 Dematerializing Hope: Seed Banks and Their Database of Trees *Xan Sarah Chacko, Wellesley College*
 Epistemic Infrastructures of Bioscience Governance: The Debate on Genetic Sequence Data in Indonesia *Sonja van Wichelen, University of Sydney*
 Precision Agriculture and the Governing of Artificial Intelligence in South Africa *Laura Foster, Indiana University - Bloomington*

Discussant:

Cori Hayden, University of California - Berkeley

Chairs:

Sonja van Wichelen, University of Sydney
Warwick Anderson, University of Sydney

Session Organizer:

Sonja van Wichelen, University of Sydney

081. Scams, Shams, Fakes, and Frauds: STS Perspectives on the Boundaries of Authenticity and Authority

8:30 to 10:30 am
 Building A: A102

Participants:

How Scams Shape Digital Commerce: The Case of the “Friendly Fraud” in the Global Black Market *Lan Swartz*
 Airbnb Nightmares: How Airbnb Scams Unveil the Neoliberal Fantasy of the Home *Nina Medvedeva, University of Minnesota: Twin Cities*
 Indigenous Charlatanism as Scientific Method *Elias Nelson, Williams College*
 “95% of Originality”: Counterfeit Paper and Certificated People in Urban Kenya *Junnan Mu, Harvard University*
 The Casual Counterfeiter in the Age of Desktop Publishing *Gili Vidan, Cornell University*

Chair:

Lan Swartz

Session Organizer:

Gili Vidan, Cornell University

082. How Do We Socialize the Lab?

8:30 to 10:30 am
 Building A: A104

Participants:

Radicalizing Scientists within the Academy: Research as Movement Work *Sarah Reboloso McCullough, Feminist Research Institute, UC Davis*
 STEM Pedagogy and Radical Critique *Prerna Srigrayan, University of California - Irvine*
 Work Becomes Her: Negotiating Multiple Commitments in Science and Activism. *Kulyash Zhumadilova, Virginia Tech*

Discussants:

Owen Marshall, Cornell S&TS and Information Science
Gerardo Ienna, University of Verona

Chair:

Edward E Millar, Toronto Metropolitan University

Session Organizer:

Calvin Wu, Science for the People

083. El giro hermenéutico de las métricas latinoamericanas:

experiencias, propuestas y desarrollos en América Latina

8:30 to 10:30 am

Building A: A106

Participants:

Giros socioterritoriales, sociotécnicos y hermenéuticos en las métricas de CTI de América Latina *Ronald Cancino, Universidad de la Frontera; Luciano Guillermo Levin, Universidad Nacional de Río Negro; Luis Antonio Orozco, Universidad Externado de Colombia; Gabriel Velez, Universidad de Antioquia*

ImpactU: Un modelos orientado hacia las métricas responsables en América Latina *Gabriel Velez, Universidad de Antioquia; Diego Restrepo, Universidad de Antioquia; Cesar Pallares, Universidad de Antioquia*

Research metrics and the evaluation of scientific careers in Latin America. *Federico Vasen, Universidad de Buenos Aires*

Academia cuantificada: un análisis discursivo de las políticas y evaluación científica en Chile *Carla Fardella, Universidad Andrés Bello; Claudio Broitman Rojas, Universidad Andrés Bello; Fernando Valenzuela, Universidad Andres Bello*

Producción científica en América Latina en el marco de los Grandes Desafíos *Daniel Chávez, Universidad Autonoma Metropolitana*

Chair:

Federico Vasen, Universidad de Buenos Aires

Session Organizer:

Luciano Guillermo Levin, Universidad Nacional de Río Negro

084. Another Research is Possible I

8:30 to 10:30 am

Building A: A112

Participants:

Apicultura en Palmor, Colombia: albores, fundamentos y agencia más que humana *Luciano Andrés Aroca, Universidad del Magdalena*

Biocultural beings and community' oralotecas *Juan David Reina Rozo*

Temporal reciprocity: A methodological proposal for studying the scientific/political technology duality of the Green Revolution *Sergio Fernández Bravo, University of Helsinki*

Cultivating ripe oranges: community-led research for collaborative COVID-19 responses in Lao PDR *Elizabeth Elliott, National University of Singapore (NUS); Shogo Kubota, Word Health Organization; Sengchanh Kounnavong, Lao Tropical and Public Health Institute; Ounkham Souksavanh, Word Health Organization*

People With Rare Diseases Participation On The Incorporation Of Therapy In The Brazilian Health System *Lucas Nishida, Unicamp - Universidade Estadual De Campinas*

Chair:

Lucas Nishida, Unicamp - Universidade Estadual De Campinas

Session Organizers:

Gretchen Lynn Gano, Prescott College

Mary Poole, Prescott College

Emily Affolter, Prescott College

Melissa Braden, Prescott College

085. Environmental Futures – Promoting Images Of Desirable Human-Nature Relationships I

8:30 to 10:30 am

Building A: A202

Participants:

Eating Temporalities: Food as an artifact of past and future environments, and a medium for multi-temporalities *Allie E.S. Wist*

Thinking Through Shorelines: Pursuing Hopeful More-Than-Human Futures *Christopher Rogers, University of Waterloo*

Contemporary Indigenous Dispossession in Salmon Restoration *Amanda Barnett, UC Berkeley*

Discussant:

Lauren Withycombe Keeler, School for Future of Innovation in Society, Arizona State University

Chair:

Ludwig Weh, Fraunhofer IMW

Session Organizer:

Ludwig Weh, Fraunhofer IMW

086. The social shaping and situated futures of precision agriculture

8:30 to 10:30 am

Building A: A204

Participants:

Exploring engagement with precision agriculture technologies: farmers' concerns and experiences with agricultural decision support systems *Damilola Adereti, South Dakota State University; Maaz Gardezi, Virginia Tech*

Influence of nitrogen stabilizers and application dates in no-tillage corn production on nitrogen use efficiency and N losses to the atmosphere *Skye Brugler, South Dakota State University; David Clay, South Dakota State University*

Restoring sense out of disorder? Farmers' changing social practices under big data and algorithms *Ayorinde Ogunyiola, South Dakota State University; Maaz Gardezi, Virginia Tech*

Collaborative engagement in precision agriculture and interdisciplinary research: Challenges and lessons *Edward Prutzer, Virginia Tech*

Chair:

Edward Prutzer, Virginia Tech

Session Organizer:

Edward Prutzer, Virginia Tech

087. Controversias públicas sobre ciencias y tecnologías emergentes: abordajes sociotécnicos y diversidad de conocimientos I

8:30 to 10:30 am

Building A: A205

Participants:

5G ¿a qué costo? "¿Innovación con precaución? *Laura Saldivar Tanaka, INECC; Emmanuel Abundis, Universidad de Guadalajara*

A designerly toolbox to address socio-technical controversies in the smart city *Anouk Geenen, University of Twente; Julieta Matos Castaño, University of Twente; Deger Ozkaramanli, University of Twente; Corelia Baibarac-duignan, University of Twente*

The trajectory of Hiroxychloroquine in Brazil: from a legitimate scientific debate to magic bullet and negationism *Marilena Corrêa, Institute of Social Medicine, State University of Rio de Janeiro; Luiz Villarinho, Centre de Recherche Médecine, Sciences, Santé, Santé Mentale et Société (cermes3), Paris; Ilana Lowy, Cnrs-Cermes; Luiz Teixeira, Casa Oswaldo*

Cruz; Luiz Alves, Casa Oswaldo Cruz - COC/Fiocruz
As controvérsias no entorno do Vantablack *Yuri Gabriel Campagnaro, Universidade Tecnológica Federal do Paraná; Luciana Martha Silveira, UTFPR*

Chair:

Marilena Corrêa, Institute of Social Medicine, State University of Rio de Janeiro

Session Organizer:

Luiz Teixeira, Casa Oswaldo Cruz

088. COVID and Cripistemology: Disability and Knowledge During a Pandemic I

8:30 to 10:30 am

Building B: B102

Participants:

Abolish Normalcy: Re-imagining Academia To Support And Sustain Disabled And High Risk Students Amidst A Pandemic *Victoria Concepción Chávez, Northwestern University; Natalie Araujo Melo, Northwestern University*

New “Normal”: Disability and Long Covid *Manda Wich, Colorado State University*

Same difference: a multiverse perspective on digital inclusions and exclusions of South Africans with disabilities during lockdown *Lorenzo Dalvit, Rhodes University*

Lessons learned from the pandemic: impacts of accelerating digitalization on gender equality in France *Anne-Sophie Godfroy, République des savoirs (CNRS, École Normale Supérieure, Collège de France)*

Trust me, I know what I’m doing”: Disability Expertise and Boundary work under Pandemic Conditions *Hannah Quinn, The University of Toronto*

Chairs:

Lorenzo Dalvit, Rhodes University

Emily Lim Rogers, Brown University

Session Organizers:

Helena Moura Fietz, Rice University

Emily Lim Rogers, Brown University

Rebecca Monteleone, University of Toledo

089. Critical datafication, platformization and algorithmic cultures from Latin America and the Global South I

8:30 to 10:30 am

Building B: B103

Participants:

Data And Dignity: How Social Registries Exercise Violence On Vulnerable Communities In Colombia. *Joan Lopez-Solano, Tilburg Institute for Law, Technology and Society*

Datos Masivos Como Dispositivos De Poder: Modelado y Resistencia *Arturo Rodriguez Rodriguez, UNAM*

Human Agency Matters: Understanding Chileans adoption of YouTube chat and Discord for political deliberation *Sebastián Rivera, Universidad Diego Portales; Marcelo Santos, Universidad Diego Portales; Karen Gheza, Pontificia universidad católica de Chile*

La Plataformización De Las Maternidades Como Un Fenómeno Emergente Y Transformador En México Y América Latina *Martha González Lázaro, Escuela Nacional de Estudios Superiores Morelia, UNAM; Diana Tamara Martínez Ruiz, UNAM*

Chair:

Martha González Lázaro, Escuela Nacional de Estudios

Superiores Morelia, UNAM

Session Organizer:

GABRIELA ELISA SUED, UNAM

090. Impactos y desafíos de la Industria 4.0 en América Latina I

8:30 to 10:30 am

Building B: B108

Participants:

Amazon and Google threatening the manufacturing sector? Industry 4.0 as a new battlefield for intellectual monopoly companies in GVCs *David Flacher, Université de technologie de Compiègne; Nathalie Coutinet, Université Sorbonne Paris Nord*

Automatización, ocupaciones y tareas. Una mirada desde América Latina *Sol Catania, Instituto Interdisciplinario de Economía Política de Buenos Aires; Roxana Maurizio, Organización Internacional del Trabajo*

Condiciones y alcances de la introducción de la I4.0 en la industria automotriz en México *Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco; Marcela Amaro Rosales, UNAM, IIS; Matarí Pierre, IIS-UNAM*

Digitalización de la industria y atributos para el trabajo que se movilizan *Marcelo Angel Hernandez, Universidad de Luján*

Convergencia tecnológica, Industria 4.0 y transformación digital. Una revisión crítica de la producción científica y políticas en América Latina *Leandro Lepratte, UTN - Argentina; Eduardo Robles Belmont, UNAM - México*

Chair:

Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco

Session Organizer:

Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco

091. Indeterminacy, Uncertainty, Potentiality I

8:30 to 10:30 am

Building B: B111

Participants:

The Politics of Aporia: Orchestrating conflict on technopolitical futures *Anke Gruendel*

Radioactive Bodies: Making Sense of Nosebleeds and Other Physical Aberrations in Post Nuclear Accident Fukushima *Chikako Takeshita, University of California, Riverside*

Finitude and its Discontent *Cameron Hu*

Moral Uncertainty and Confusion in the Ethics of Neural Human-Animal Chimeras *Octavio Mucino-Hernandez, SFIS - Arizona State University*

Discussant:

Jerome Whittington, New York University

Chair:

Octavio Mucino-Hernandez, SFIS - Arizona State University

Session Organizer:

Chikako Takeshita, University of California, Riverside

092. Tecnologías Estratégicas en América Latina: abordajes, experiencias y recomendaciones de política para el desarrollo sustentable I

8:30 to 10:30 am

Building C: C010

Participants:

Aportes para la gestión y co-diseño de sistemas de datos en

salud *Pablo Boada*

El desarrollo como ideología en la semi-periferia. En busca de los fundamentos de la industrialización en Argentina (1920-1955) *Juan F Picabea, CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes; Juan Einar Cristensen, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET*

Economía Digital y Covid-19: Pre Condiciones para el Upgrading en las Cadenas Globales de Valor *Seyka Sandoval, UNAM*

El Virus, los Procesos de Digitalización-Virtualización en América Latina y Perspectivas de una Recuperación Sustentable *Sergio Ordóñez, IIEc-UNAM; Noe Vidals, Instituto Politécnico Nacional*

Dimensiones nacionales e internacionales en los proyectos nucleoelectrónicos de Argentina, Brasil y México (1960-1970) *Nevia Vera, CEIPIL - CIC - UNICEN / CONICET; Manuel Lugones, UNRN*

La relación del Estado y la empresa transnacional en Jalisco y Baja California, México *Paty Montiel*

Chair:

Seyka Sandoval, UNAM

Session Organizers:

Seyka Sandoval, UNAM

Juan F Picabea, CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes

093. Security Technologies, or, How to Live With Others I: Publics, Technology, and Securitisation

8:30 to 10:30 am

Building C: C012

Participants:

Hate Speech, Law, and Platform Virality in India *Siddharth Narrain, UNSW*

La Acción Política Para Descajanegrizar El Miedo Al Crimen: Una Aproximación Longitudinal Desde La Filosofía De La Tecnología *Raul Tapia, FLACSO Ecuador*

'Scripts of alterity' and 'hindered users': Security subjects as users? *Annalisa Pelizza, Dpt Philosophy and Communication, University of Bologna*

Discussant:

Sonia Qadir, UNSW Law

Chair:

Sonia Qadir, UNSW Law

Session Organizers:

Angela Smith, UNSW Sydney

Siddharth Narrain, UNSW

Sonia Qadir, UNSW Law

094. Co-Creating Public Trust in Science through Responsive Science Communication

8:30 to 10:30 am

Building C: C108

Participants:

Expertise in the Courtroom: The Question of Trust in Consensus Science *David Caudill, Villanova University*

Metrics For Platform Science: Altmetrics, Expertise, and Public Trust *Abigail Holmes, University of Notre Dame*

Elderly perception about Covid-19 pandemic *Karina Juliana Francisco, State University of Campinas - UNICAMP;*

Simone Pallone de Figueiredo, Unicamp

What can pandemic teach us on social communication and appropriation of science in Mexico? *Noemi Sanz Merino, University of Balearic Islands; Daniela H Tarhuni Navarro, Centro Peninsular en Humanidades y en Ciencias Sociales (Mérida)-UNAM (Mexico)*

Mixed Methods for Understanding Visual Frames in Social Movement Communication *Laura W. Dozal, University of Arizona*

Chair:

Karina Juliana Francisco, State University of Campinas - UNICAMP

Session Organizer:

Karina Juliana Francisco, State University of Campinas - UNICAMP

095. Living with Water I

8:30 to 10:30 am

Building C: C110

Participants:

Sampling the Ocean: Methodological Strategies for Life Detection on Enceladus *Dana Burton, George Washington University*

Waves Aflame *Stefan Helmreich, Massachusetts Institute of Technology (MIT)*

Abolissons les tropiques: An ethnography of becoming with snow in three blog entries *Melina Campos Ortiz, Concordia University*

Hydrotopias and Waterland *Luisa Cortesi, International Institute of Social Studies*

Water in the African Anthropocene: Lessons from the Wetlands of Southern Uganda *Adele Leigh Stock, Stanford University*

Chair:

Dana Burton, George Washington University

Session Organizer:

Melina Campos Ortiz, Concordia University

096. Producing Technology, Producing Culture

8:30 to 10:30 am

Building C: C204

Participants:

13.1 'Til Infinity: Exploring the Intersection of Music Technology and African American Culture *Jonathan Givan*

Nightwandering Along Ishkêesh: Karuk Two-Spirit Daimonics and Otherwise Indigequeer Interiority as Methodologies *Leece Oliver Desir LaRue, Oregon State University*

Always on performance: Affective labor in China's Live Streaming Industry *Shanshan Yang, Rensselaer Polytechnic Institute*

Chair:

Shanshan Yang, Rensselaer Polytechnic Institute

Session Organizer:

Gabriel Medina-Kim, Rensselaer Polytechnic Institute

097. Science in the City I

8:30 to 10:30 am

Building D: D005

Participants:

Post-Socialist Biotech: From Weiguang to BGI-Shenzhen *Hallam Stevens, James Cook University; Taomo Zhou, Nanyang Technological University*

The Impacts of Urbanization Level on the International Collaboration of Universities in the United States *Jianguan He, The University of Tennessee; wen lou, East China Normal University*

Follow the Code: Urban Models and Resilient Future *Chaewon Ahn, Yale-NUS College; Jiat Hwee Chang, Department of Architecture, NUS*

Center of Excellence? The Emergence of Taiwan Instrumentation Center and Scientific Community, 1980~2000 *Yu Hsuan Wang, dept. of Geography, National Taiwan University*

Chair:

Robin Wolfe Scheffler, Massachusetts Institute of Technology (MIT)

Session Organizer:

Robin Wolfe Scheffler, Massachusetts Institute of Technology (MIT)

098. Climate Infrastructures II: Knowledge Infrastructures

8:30 to 10:30 am

Building D: D006

Participants:

Building Sustainable Transitions as a place-less global knowledge: Socio-epistemic Imaginaries of a Climate Field *Govind Gopakumar, Concordia University*

Infrastructuring the Future: IIASA and the Making of Climate Scenarios since the 1970s *Béatrice Cointe, CNRS*

Living in Yaounde, resilience to rain and heat. Sensing climate change "from below". *Maïa Ghattas, Université Paris 1 Panthéon-Sorbonne; Marie Morelle, Université Lyon 2*

Chair:

Maka Suarez, University of Oslo / Kaleidos - Center for Interdisciplinary Ethnography

Session Organizers:

Aalok Khandekar, Indian Institute of Technology Hyderabad

Alison Kenner, Drexel University

Jamie Cross, University of Edinburgh

Sulfikar Amir, Nanyang Technological University

Gökçe Günel, Rice University

099. Rearranging The Animacy Hierarchy

8:30 to 10:30 am

Building D: D008

Participants:

Maré: socialidades, ritmos e engajamentos nas paisagens das águas *Renata Freitas Machado, IFRIS, PALOC - Muséum d'Histoire Naturelle*

Multispecies landscape-making: landscape as ontological mediation in a guanaco rewilding project *Meredith Root-Bernstein, CNRS UMR CESCO, Muséum*

Posthuman Feminism: A Technological and Ecological Framework for Contemporary Art *Clarissa Chevalier, UCSD*

Chair:

Meredith Root-Bernstein, CNRS UMR CESCO, Muséum

Session Organizer:

Siri Lamoureux, University of Siegen, Germany

100. STS & Digital Futures In The Making

8:30 to 10:30 am

Building D: D102

Participants:

Rethinking Border Narratives: The Promise of Digital Twins

Sanja Milivojevic, University of Bristol

Governing AI Futures: The Wicked Dilemmas of Navigating Autonomous Systems *Peter Winter, University of Bristol; John Downer, University of Bristol*

Reconstructing Explainable AI: From Explanations to Disruptions *Marisela Gutierrez Lopez, University of Bristol; Susan Halford, University of Bristol*

'The Web They Want': Sociotechnical Imaginaries, Web Archiving and Web Futures In The Making *Jessica Ogden, University of Bristol*

Discussant:

Susan Halford, University of Bristol

Chair:

Marisela Gutierrez Lopez, University of Bristol

Session Organizer:

Jessica Ogden, University of Bristol

101. Architecture and Urban STS I

8:30 to 10:30 am

Building D: D105

Participants:

Architecture Beyond Detachment: Recomposing and Reconfiguring Relations with the Air *Aftab Mirzaei, York University STS*

Early Report on the Informatics Building of an Academic Health Sciences Center *Mustafa Ibraheem Hussain, Oregon Health and Science University*

Exploring the textures of experiential knowledge *Nancy Odendaal, University of Cape Town*

Flaneuses* Walking Through Digital and Material Spaces in Mexico City and Berlin *Mirjana Mitrovic, Universität der Künste Berlin*

The Politics of Expertise in Assessing Alternatives to Glyphosate in France *Fiona Kinniburgh, Technical University Munich*

The Politics of Determining Safety via Ventilation in Laboratory Design *Chuan Hao Chen*

Chair:

Fiona Kinniburgh, Technical University Munich

Session Organizer:

Fiona Kinniburgh, Technical University Munich

102. Science Communication I

8:30 to 10:30 am

Building D: D108

Participants:

Coronavirus: when science communication makes headlines *Rafael Martins Revadam, State University of Campinas - UNICAMP*

Diseños globales e historias locales: desarrollo de una propuesta educativa en un museo interactivo de ciencias y tecnologías en el sur *Manuel Franco Avellaneda, Independiente; Diego Corrales, Independiente*

Fifteen minutes of fame: experts, science and public opinion *Ivan Eliab Gomez, Universidad Autónoma Chapingo*

How to integrate soft and hard technologies to produce social-environmental impacts? *Lucas Moreira Furlan, Sao Paulo State University; Monique Araújo de Medeiros Brito, Federal University of Recôncavo da Bahia*

El precio de la calidad: el negocio editorial predice índices de

impacto de revistas científicas *Adriana Ruggiero*,
CONICET/Universidad Nacional del Comahue

Chairs:

Lucas Moreira Furlan, Sao Paulo State University
Adriana Ruggiero, CONICET/Universidad Nacional del
Comahue

Session Organizer:

Conference Chairs, 4S/ESOCITE

103. Sonic Street Technologies (SST) as a Means of Emergence and Survivance: Theory and Methods

8:30 to 10:30 am

Building D: D202

Participants:

Sounds from the Global South: Actual and Abstract Machines

Julian Henriques, Goldsmiths, University of London

Sound systems as naturecultural assemblages

Aadita Chaudhury, Goldsmiths, University of London/York

University, Canada

Mapping the SST Geographies: Ethics, Challenges and Findings

Brian D'Aquino, Goldsmiths, University of London

Recognizing Knowledge, Thinking Otherwise

Liv Sovik,
Universidade Federal do Rio de Janeiro

Chair:

Julian Henriques, Goldsmiths, University of London

Session Organizer:

Aadita Chaudhury, Goldsmiths, University of London/York
University, Canada

104. STS Education

8:30 to 10:30 am

Building D: D205

Participants:

Caminhos Para Uma Tecnociência a Favor Da Diversidade:

Reflexões Para o Ensino CTS *JOAQUIM FERNANDO*

MENDES DA SILVA, *Universidade Federal do Rio de*

Janeiro; *Marcos André Ferreira de Araujo Santos*; *Caio*

Gentil Nascimento da Silva

Las CTS En Carreras de Grado. Una Experiencia Al Sur Sur

Cristina Gabriela Flores, *Universidad Nacional de la*

Patagonia Austral

Mentoring STS Graduate Students and Early Careers Scholars

as Writers *Monique Dufour*, *Virginia Tech*; *Jim Collier*, 300

Fincastle Drive

RECREA-Matemáticas: investigación educativa basada en co-

diseño para potenciar las estructuras afectivas en

matemáticas *Luis Miguel García-Velázquez*, *ENES Morelia*,

UNAM; *Angelina Alvarado Monroy*, *Universidad Juárez del*

Estado de Durango

The Landscape of STS: A Census of Programmatic Repair

Madisson Whitman, *Columbia University*; *Zoe Nyssa*,

Purdue University; *Ian C. Lindsay*, *Purdue University*

Chair:

Monique Dufour, Virginia Tech

Session Organizer:

Conference Chairs, 4S/ESOCITE

105. Abysmal infrastructures. Energy communities in the maintenance, repairing, improvement, or abandonment I

8:30 to 10:30 am

Building D: D208

Participants:

An Island of Indigenous Energy Sovereignty within a Sea of
Settler Colonial Darkness *Aaron Gregory*, *University of*
California at Berkeley

Forever Starts Tomorrow: Residual Governance and the Abyss
Gabrielle Hecht, *Stanford University*

Repair, maintenance, abandonment practices and their energy

communities *Gloria Baigorrotegui*, *Instituto de Estudios*

Avanzados - Usach; *Cristian Valenzuela Calderon*,

Universidad Alberto Hurtado

Sedimented Reality of the Garbage Truck *Elisabeth Asher*,

University Of Maryland College Park

Los megaproyectos aeroportuarios abandonados para la Ciudad

de México en las primeras dos décadas del siglo XXI *José*

Armando Armando Alonso Alonso Arenas, *UNAM*

Discussant:

Dominique Vinck, University of Lausanne

Chairs:

Cecilia Ibarra, Universidad de Chile

Dominique Vinck, University of Lausanne

Session Organizer:

Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

106. Open STS Data: Opportunities for Pedagogy, Reuse, Re-interpretation Workshop

10:00 to 1:00 pm

Building A: A110

Chair:

Grant Jun Otsuki, Victoria University of Wellington

Session Organizer:

Grant Jun Otsuki, Victoria University of Wellington

107. Diversity, Inclusion and Digital Urban Transformations

11:00 to 1:00 pm

Building A: A004

Participants:

Genesis of Shenzhen as China's 'Silicon Valley' *Mee Kam Ng*,

Chinese University of Hong Kong

Public Safety? There's a 'Smart' App for that *Lovely-Frances*

Domingo, *University Of Maryland College Park*

Situating the elusive citizen in smart city development: Insights

from a study of digital innovation in Mexico City *mario*

pansera, *Universidade de Vigo*; *David Sweeting*, *University*

of Bristol; *Richard Owen*, *Bristol University*; *Helen*

Manchester, *University of Bristol*; *Jessica De Alba*, *Anahuac*

University; *Arturo Flores*, *Universidad Anahuac*

Identifying urban gardens using satellite imagery and Google

Street View in Detroit and NYC *Jake Hawes*, *University of*

Michigan - Ann Arbor; *Dimitrios Gounaridis*, *University of*

Michigan - Ann Arbor; *Samuel Limerick*, *University of*

Michigan - Ann Arbor; *Joshua Newell*, *University of*

Michigan - Ann Arbor

Chair:

Surajit Chakravarty, Indian Institute of Technology Delhi

Session Organizer:

Surajit Chakravarty, Indian Institute of Technology Delhi

108. Disentangling the Politics of Plastics I

11:00 to 1:00 pm

Building A: A008

Participants:

Still Holding: Picking Up Pieces of Capitalist Expediency on

the West Coast of Sweden *Maya Weeks*

Synthetics Of Empire: Plastics, Toxicity, And Waste In The Pacific *Miri Powell*

Plastivores and the Persistence of Petro-Capitalism *Kim De Wolff, University of North Texas*

Chair:

Miri Powell

Session Organizer:

Erich Hellmer, Academia Sinica, Taiwan

109. Ecologies of re-mediation I

11:00 to 1:00 pm

Building A: A012

Participants:

Haunted by Mistero. Remediating Practice for Multispecies Reproductive Justice *Antonia Ferrante, Université de Liège (SPIRAL)*

Populating antimicrobial problems: the neglected standpoints of living environments and their inhabitants *Rémi Éliçabe, Groupe de Recherche Action - Villeurbanne; Amandine Guilbert, Groupe de Recherche Action - Villeurbanne*

Mundane remediation for spectacular problems *Adam Searle, Université de Liège (SPIRAL)*

Thinking with “cow-forming” (de la Cadena) *Roxane Gabet, Université de Liège (SPIRAL)*

Chair:

Roxane Gabet, Université de Liège (SPIRAL)

Session Organizer:

Adam Searle, Université de Liège (SPIRAL)

110. Technologies, Trust and Governance: Reimagining Democracy

11:00 to 1:00 pm

Building A: A102

Participants:

Differential Perspectives: Epistemic Disconnects Surrounding the US Census Bureau’s Use of Differential Privacy *danah boyd, Microsoft Research / Data & Society; Jayshree Sarathy*

Encrypted Messaging Apps and Diaspora Communities in the US: A New Way to Address the Loss of Public Trust? *Inga Trauthig; Samuel Woolley, University of Washington*

Techno-politics of urban waste management in India *Pritpal Randhawa, Dr. B. R. Ambedkar University Delhi*

Technologies, Trust and Governance: Platform Cooperatives and Commons *Ashish Vikram Singh, Independent Researcher; Ravi Shukla, Jawaharlal Nehru University*

Chair:

Jayshree Sarathy

Session Organizer:

Ravi Shukla, Jawaharlal Nehru University

111. Fraught politics of emergence and neglect in Global Health: Science at work

11:00 to 1:00 pm

Building A: A104

Participants:

Enfermedades Globales, Emergencias Locales. La Investigación de las Enfermedades Emergentes en la Península de Yucatán *César Guzmán Tovar, ENES Mérida-UNAM*

Militarizing One Health: Bats, pathogens and biodefense at the dawn of a pandemic era *Sainath Suryanarayanan, Holtz*

Center for Science & Technology Studies, University of Wisconsin-Madison

Neglected by omission: War illegibility in the scientific accounts of Colombian leishmaniasis *Lina Beatriz Pinto-Garcia, Universidad de los Andes; Juan Pablo Centeno, Universidad Externado de Colombia*

Pathogenic Entanglements: The Sociopolitics of COVID-19 *Rebecca Hester, Virginia Tech*

‘Worm Wars’: The Unravelling of the Randomised Control Trial (RCT) Gold Standard *Samantha Vanderslott*

From Global Health to One Health and Beyond: Translating registers of human health *Tony Sandset, University of Oslo*

Discussant:

Andrew Lakoff, University of Southern California

Chair:

Lina Beatriz Pinto-Garcia, Universidad de los Andes

Session Organizer:

Bernardo Moreno Peniche, UC Berkeley

112. Decolonizing the Psychedelic Research Revival I

11:00 to 1:00 pm

Building A: A106

Participants:

Indigenous Knowledges and Psychedelic Science *Evgenia Fotiou*

A decolonizing ethic for psychedelic studies *Christine Hauskeller, University of Exeter*

Counter-mapping psychedelic exceptionalism in drug policy reform as a decolonizing method *Claudia Schwarz-Plaschg, None; Heather Rosenfeld, Smith College; Orsi Fehér, PsyCare Austria*

Disciplining Through Ayahuasca *Zuzanna Sadowska, Polish Academy of Sciences*

Chairs:

Osiris Sinuhé González Romero, University of Saskatchewan
Amelia Fiske, Technical University Munich

Session Organizers:

Christine Hauskeller, University of Exeter
Claudia Schwarz-Plaschg, None

113. Another Research is Possible II

11:00 to 1:00 pm

Building A: A112

Participants:

Decolonizing Policy Making: Taking Fishers’ Knowledge Seriously *Vitor Renck, Wageningen University & Research; David Ludwig, Assistant Professor, KTI group, Wageningen University, the Netherlands; Paride Bollettin, Universidade Federal da Bahia; Charbel El-Hani, Universidad Federal da Bahia (UFBA), INCT, Interdisciplinary and Transdisciplinary Studies in Ecology and Evolution (IN-TREE); Luana Poliseli, Wageningen University & Research*

Emancipatory Science And The Messy Reality Of Collaboration *Esther Milberg, Wageningen University; David Ludwig, Assistant Professor, KTI group, Wageningen University, the Netherlands; Charbel El-Hani, Universidad Federal da Bahia (UFBA), INCT, Interdisciplinary and Transdisciplinary Studies in Ecology and Evolution (IN-TREE)*

Lélia Gonzalez: engaged research engaging community
Mariana Toledo Ferreira, Instituto Federal de Educação

Ciência e Tecnologia de Goiás; Stefan Klein, Universidade de Brasilia (UnB)

Reimagining Research and Teaching Through Socially Engaged Art *Chessa Adsit-Morris, University of California, Santa Cruz*

Chair:

Chessa Adsit-Morris, University of California, Santa Cruz

Session Organizers:

Stefan Klein, Universidade de Brasilia (UnB)

Melissa Braden, Prescott College

Mary Poole, Prescott College

Emily Affolter, Prescott College

114. Environmental Futures – Promoting Images Of Desirable Human-Nature Relationships II

11:00 to 1:00 pm

Building A: A202

Participants:

Human-Nature interactions for sustainability : Knowledge and livelihoods vs. economic development in the Banni grassland *Debanjana Dey, DST-CPR, Indian Institute of Science*

Reflexiones Alrededor Del Concepto De Biodiversidad En Biología De La Conservación. *Carolina Vazquez*

The economic constitution of biological wellbeing: European environmental governance in pursuit of new economies *Tess Doezema, Autonomous University of Barcelona*

Discussant:

Juan David Reina Rozo

Chair:

Ludwig Weh, Fraunhofer IMW

Session Organizer:

Ludwig Weh, Fraunhofer IMW

115. From Using Technology to Wearing and Caring I

11:00 to 1:00 pm

Building A: A204

Participants:

Fluid Menstrual Technologies: Exploring what menstrual cups do in Colombia *Malissa Kay Shaw, Taipei Medical University*

Wearing Contraception: Reconfiguring Knowledge, Reconfiguring Methods *Adele Moore*

How people experience the air-conditioned workplace through dress *Sara Daly*

Wearing High Heels In/Out *Chris Hesselbein, Politecnico di Milano*

Repair, Affect, and Value: Caring for Vulnerable Violins in Contemporary Western Classical Music Communities *Juliet Glazer, Department of Anthropology, The University of Pennsylvania*

Chair:

Chris Hesselbein, Politecnico di Milano

Session Organizer:

Chris Hesselbein, Politecnico di Milano

116. Controversias públicas sobre ciencias y tecnologías emergentes: abordajes sociotécnicos y diversidad de conocimientos II

11:00 to 1:00 pm

Building A: A205

Participants:

Controversias científicas sobre el maíz: una aproximación desde la literatura especializada *Eduardo Robles Belmont; Juan Carlos Escalante Leal, UNAM, IIMAS, DMMSS*

La prohibición del glifosato en Mexico más allá de una controversia *Rebeca de Gortari, IIS UNAM; Marcela Amaro, IIS-UNAM; Eduardo Robles Belmont, UNAM - México*

Medir el cianuro y construir el gobierno. Una Controversia en torno a megaminería en San Juan, Argentina. Su discusión y valor en el campo CTS en Latinoamérica *Juan Agustín Layna, Centro de Ciencia, Tecnología y Sociedad Universidad Maimonides*

O Papel da Produção do Conhecimento Científico no Processo Político de Legalização da Maconha Medicinal no Brasil *ROBERTA CUSTODIO CAVEDINI, Unicamp - Universidade Estadual De Campinas*

¿Son las baterías de ion de litio realmente sostenibles? Una Reflexión a Partir Del Triángulo De Litio En Los Países Andinos. *Carolina Pineda, State University of Campinas; Flavia Consoni, UNICAMP*

Session Organizer:

Rebeca de Gortari, IIS UNAM

117. COVID and Cripistemology: Disability and Knowledge During a Pandemic II

11:00 to 1:00 pm

Building B: B102

Participants:

“I’m the One that Takes It More Seriously:” Knowledge, Power, and Intellectual Disability During the COVID-19 Pandemic *Rebecca Monteleone, University of Toledo*

Reimagining Ethnography: Disability and Pandemic Rupture in India *Kim Fernandes, University of Pennsylvania*

Pandemic Parenting and Psychiatric Disability: Mad/Cripistemology At The Intersection Of Reproduction And Global Mental Health *Nadia Naomi Mbonde, NYU*

The Question Concerning Technology Allocation *Mara Mills, New York University*

When Post-Viral Goes Viral: ME/CFS, Long COVID, and Pandemic Deja Vu *Harris Kornstein, University of Arizona; Emily Lim Rogers, Brown University*

Addressing Information Access Inequality from Below During the COVID-19 Pandemic: Building an Alternative Sociotechnical Infrastructure with the Latinx Community *Fatima Espinoza Vasquez, University Of Kentucky; Gia Mudd-Martin, University of Kentucky*

Chairs:

Fatima Espinoza Vasquez, University Of Kentucky

Emily Lim Rogers, Brown University

Session Organizers:

Rebecca Monteleone, University of Toledo

Emily Lim Rogers, Brown University

Helena Moura Fietz, Rice University

118. Critical datafication, platformization and algorithmic cultures from Latin America and the Global South II

11:00 to 1:00 pm

Building B: B103

Participants:

Access, Use and Appropriation in the context of Digital Transformation, Datafication and Platformization *Katherine Reilly, Simon Fraser University*

How artificial intelligence is really produced ? “Classification” and “problematization”: labour processes behind automation promises *Clément Le Ludec, Télécom Paris / IPP; Maxime Cornet, Télécom Paris / Institut Polytechnique de Paris*

Measuring the Pandemic: Understanding the Life Cycle of COVID-19 Data in Colombia *Natalia Nino-Machado, Universidad de los Andes, Bogotá, Colombia; María Galvis, Universidad de los Andes; Catalina González, Universidad de los Andes*

The current State of Platformization in Mexico *GABRIELA ELISA SUED, UNAM*

Chair:

Natalia Nino-Machado, Universidad de los Andes, Bogotá, Colombia

Session Organizer:

GABRIELA ELISA SUED, UNAM

119. Humanism vs Techno-Optimism in STS?

11:00 to 1:00 pm

Building B: B105

Participants:

Ecologizing technology, dedemonizing entropy *Jacob Wamberg, Aarhus University, Denmark*

Unboxing artificial intelligence - artist interfaces to platform culture *Christian Ulrik Andersen, Aarhus University, Denmark*

Humanism, posthumanism, new humanism *Cathrine Hasse, Aarhus University*

Knowing-Things: Embedding Anthropological Ways of Knowing into Design and Engineering Tools *Jessica Sorenson, University of Southern Denmark*

Decentralising techno-optimism – how to make critique of and with an empirical object *Pablo Velasco, University Of Aarhus*

Can AI Save the EU, Can Humanism Save AI? *Kasper Hedegaard Schiølin, Harvard STS Program, Harvard Kennedy School; Nina Frahm, Aarhus University, Denmark*

Chair:

Cathrine Hasse, Aarhus University

Session Organizer:

Cathrine Hasse, Aarhus University

120. Impactos y desafíos de la Industria 4.0 en América Latina II

11:00 to 1:00 pm

Building B: B108

Participants:

Industria 4.0: Transformaciones Tecnológicas y Formación en los Nuevos Saberes del Trabajo. *Silvia Magdalena Paz, Universidad Nacional de Luján; Ivana Muzzolon*

Industria 4.0 y agricultura familiar: una reflexión crítica sobre su impacto en la agricultura familiar *Gustavo Federico Apablaza, Universidade Estadual do Oeste do Paraná; Raimundo Christian Oliveira Soares, Universidade estadual do oeste do parana; Luis Guillermo Velásquez Pérez, Universidade Estadual de Campinas (UNICAMP)*

Innovación Financiera: Fintech *Sergio Solís Tepexpa, Universidad Autónoma Metropolitana; Kerena Torres Castañeda, Universidad Autónoma Metropolitana, Dpto. Producción Económica y Posgrado en Economía, Gestión y Pol*

Proveedores de soluciones de Industria 4.0 en Argentina,

potencialidades y límites *Sebastián Fernández Franco, Centro de Estudios sobre Población, Empleo y Desarrollo (CEPED) - UBA; Juan Graña; Cecilia Rikap, CITYPERC, City, University of London. CONICET, Argentina; Verónica Robert, Investigadora CONICET, Universidad Nacional de San Martín*

Una agenda del futuro del trabajo para países sub-desarrollados. Lo que el mainstream olvidó *Sebastián Fernández Franco; Juan Graña, Instituto de Investigaciones Económicas-Univ. de Buenos Aires*

Chair:

Juan Graña

Session Organizer:

Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco

121. Indeterminacy, Uncertainty, Potentiality II

11:00 to 1:00 pm

Building B: B111

Participants:

Modes of Address and Matters of Apprehension: How Ecocriticism Encounters (Un)inhabitable Futures *Alice L Turski, The University of British Columbia*

Infrastructure is a Verb: Geomorphology of Disjuncture in Thailand’s Catastrophic Flooding *Jerome Whittington, New York University*

How to give license to indeterminate futures *Gisa Weszkalnys, LSE - London School of Economics and Political Science*

Indeterminate Oil *Zeynep Oguz, University of Lausanne*

Discussant:

Timothy Neale, Deakin University

Chair:

Gisa Weszkalnys, LSE - London School of Economics and Political Science

Session Organizer:

Jerome Whittington, New York University

122. Tecnologías Estratégicas en América Latina: abordajes, experiencias y recomendaciones de política para el desarrollo sustentable II

11:00 to 1:00 pm

Building C: C010

Participants:

Estrés Hídrico en el Estado de Guanajuato, el Papel de la Industria Automotriz y la Inversión Extranjera Directa: Caracterización Económica (2010-2020) *Mayra Dalia Sánchez Gálvez, UNAM; Seyka Sandoval, UNAM*

Generación de capacidades tecno-productivas para la transición energética. Análisis socio-técnico del Programa de desarrollo de la industria solar térmica (PRODIST) en Argentina *Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes; Jorge Chemes, Universidad Tecnológica Nacional, Facultad Regional Rosario, Conicet; Pablo Bertinat, Universidad Tecnológica Nacional, Facultad Regional Rosario; Guillermo Martin Santos, Instituto de Estudios sobre la Ciencia y la Tecnología*

Has the Long-Range Planning of Technological Developments Ever Been Attempted? Emerging Lessons from Satellite Telecommunications in Argentina. *Gustavo Seijo, Universidad Nacional de General Sarmiento / CONICET*

Implicaciones De La Brecha Digital en México Como Blanco

Móvil Para El Desarrollo *Angélica Maza, Facultad de Economía -UNAM*

Enfoque Socio-Técnico Asociado Al Proyecto: "A Database Of Field-Based Radar Images To Assist In The Safe Removal Of Landmines In Colombia" *JAVIER JIMENEZ, CTS-Lab FLACSO / Divergence; MONICA BUSTAMANTE, Universidad Nacional de Educación, Ecuador*

Chair:

JAVIER JIMENEZ, CTS-Lab FLACSO / Divergence

Session Organizer:

JAVIER JIMENEZ, CTS-Lab FLACSO / Divergence

123. Security Technologies, or, How to Live With Others II: Migration, Race and Borders

11:00 to 1:00 pm

Building C: C012

Participants:

Living with Au Pair Others: Transnational Match-Making Platforms for In-Home Domestic Work and the Obfuscation of the Political Economy of Labour and Migration *Angela Kintominas, University of New South Wales, Sydney*

El otro muro: vigilancia y control en la frontera sur de México (1954-1999) *Gerardo Sanchez Nateras, Centro de Investigación y Docencia Económicas*

Friendship, flying and protest: the securitisation of civil aviation *Angela Smith, UNSW Sydney*

Metafictional Critiques of Racialized Surveillance in Asian American Studies *Alice L Turski, The University of British Columbia*

Discussant:

Siddharth Narrain, UNSW

Chair:

Siddharth Narrain, UNSW

Session Organizers:

Angela Smith, UNSW Sydney

Siddharth Narrain, UNSW

Sonia Qadir, UNSW Law

124. Productive Tensions between Critical STS Pedagogy and Critical STS

11:00 to 1:00 pm

Building C: C105

Participants:

Creating Solidarity Space: The Critical (STS) Pedagogy group. *Cora Olson, Virginia Tech*

Collaborative Tensions and the Building of a Critical STS Community *John Kojo Aggrey, Virginia Tech*

Collaboration as Partiality *Christine M Labuski, Virginia Polytechnic Institute and State University*

Critical Curriculum? *Liora O'Donnell Goldensher, Virginia Tech, Science and Technology Studies*

Discussant:

Francesca Battista, Virginia Tech STS

Chair:

Liora O'Donnell Goldensher, Virginia Tech, Science and Technology Studies

Session Organizer:

Cora Olson, Virginia Tech

125. Monitoring from below: Community-directed science and health inequities

11:00 to 1:00 pm

Building C: C108

Participants:

Community Based Monitoring on Localized Water Contamination in Eastern Tijuana, México *Carolina Prado, San Francisco State University; Guillermo Douglass-Jaimes, Pomona College*

Exposing Gaps in Environmental Governance through Community-based Air Monitoring near Texas Oil and Gas Extraction *Lourdes Annette Vera, University at Buffalo*

Repairing Relations with City Soils through Community Science *Salvatore Engel-Di Mauro, SUNY New Paltz; Kathy High, Rensselaer Polytechnic Institute; Abby Kinchy, Rensselaer Polytechnic Institute; Tal Margalit, Rensselaer Polytechnic Institute; Hannah Price, Rensselaer Polytechnic Institute; Mónica Ramirez-Andreotta, University of Arizona; Sebastian Ureta, Universidad Alberto Hurtado; Daniel Valenzuela, Universidad Santo Tomas; Dan Walls, Rensselaer Polytechnic Institute; Chie Xu, Yale University; Caleb Yunis, Universidad Alberto Hurtado*

Tracing the Politics of Community-Based Monitoring and Decision-Making in the Arctic *Nicole J. Wilson, University of Manitoba*

The color story of Bakersfield: Natural dyes, water contamination, and public art as community monitoring *Vivian Underhill, University of California Santa Cruz*

Chair:

Nicole J. Wilson, University of Manitoba

Session Organizer:

Carolina Prado, San Francisco State University

126. Living with Water II

11:00 to 1:00 pm

Building C: C110

Participants:

Living with a dying lake. Historical-ethnographic pathways into the more-than-human landscape of Lake Poopó, Bolivia *Hanne Cottyn, Researcher*

The protection of *Posidonia Oceanica* in the Balearic Islands: knowledge production as caring for marine environments *Jose A. Cañada, University of Exeter*

Tsangy: Living With The Sand Water Carries In Central Madagascar's Floodplains *Gabrielle Robbins, MIT HASTS*

Mud, floods, and salinity: Living with water in the Mekong Delta *Jacob Weger, Seton Hall University*

Living with Unruly Waters: Risk and Uncertainty in the Sundarbans *Calynn Dowler, Vanderbilt University*

Chair:

Dana Burton, George Washington University

Session Organizer:

Jacob Weger, Seton Hall University

127. South-North and Global Dialogs in Science

11:00 to 1:00 pm

Building C: C207

Participants:

Modern Values and Kallpachay: Cold War Social Science and the Probing of Indigenous Interiors in the Peruvian Andes *Jason Pribilsky, Whitman College*

Anthropologists Debate Indigenous Identities: The View from Latin America *Julia E Rodriguez, University of New*

Hampshire

Understanding Astronomy beyond North - South Contradictions
Barbara Kirsi Silva, Universidad Alberto Hurtado

Discussant:

Karin Roseblatt, University Of Maryland College Park

Chair:

Karin Roseblatt, University Of Maryland College Park

Session Organizer:

Julia E Rodriguez, University of New Hampshire

128. Unsettling Taxonomic Difference: Caring for More-Than-Human Ecologies

11:00 to 1:00 pm

Building D: D003

Participants:

Dead Language: Holotypes, taxonomy, and how we know the biotic world *Pamela Camille Perrimon, Annenberg School for Communication & Journalism, University of Southern California*

Plasticity and the Incommensurate: Undoing the Human, Reconstellating the Body in Potentia *Dolma Ombadykow, Yale University*

Watery Metabolisms of Empire: Long Nineteenth Century Watermills in More-Than-Human Worlds *Johannes Chan, Department of Science & Technology Studies, York University*

Traumatized Earth and incarcerated Lightning beings *Rose Bigheart O'Leary, University of California, Irvine; Benedict John Turner, University of California, Irvine*

Damaged But Managed: Honey Bees as Technologies of War
Pamela Forgrave, Trent University

Chair:

Salina Suri, Harvard University - History of Science

Session Organizer:

Hina Walajahi, MIT HASTS

129. Science In The City II

11:00 to 1:00 pm

Building D: D005

Participants:

Urbanizing Biotechnology: Scientific Knowledge Production Through Space *Robin Wolfe Scheffler, Massachusetts Institute of Technology (MIT)*

Sciences of the 'Medical Ghetto': Community Technologies and the Transformation of Urban Health in the Long 1970s
Jeremy A Greene, Johns Hopkins University

The Underside of Innovation: Global Health, Urban Development, and Atlanta's Plasma Economy *Kelsey Mae Johnson, University of Toronto*

Chair:

Jeremy A Greene, Johns Hopkins University

Session Organizer:

Robin Wolfe Scheffler, Massachusetts Institute of Technology (MIT)

130. Climate Infrastructures III: Climate Infrastructures in Time and Place

11:00 to 1:00 pm

Building D: D006

Participants:

Bearing the Heat: Gendering Transient Infrastructures in the

Southern City *Anushree Gupta, IIT Hyderabad; Tanaya Bhowal, IIT Hyderabad; Bhashwati Sengupta, Hyderabad Urban Lab; Aalok Khandekar, Indian Institute of Technology Hyderabad*

Built-in Breakdown: Resiliency of Ephemeral Bamboo Bridge in Laos *Miki Namba, Kagoshima University*

Collaborative Knowledge as Climate Infrastructure: Place-Based Learning in California and Louisiana *Prerna Srigyan, University of California - Irvine; Margaux Fisher, UC Irvine*

Reconfiguring Climate Code *Samara Hayley Steele, University of California at Davis*

Chair:

Gökçe Günel, Rice University

Session Organizers:

Aalok Khandekar, Indian Institute of Technology Hyderabad

Alison Kenner, Drexel University

Gökçe Günel, Rice University

Maka Suarez, University of Oslo / Kaleidos - Center for Interdisciplinary Ethnography

131. Reconfiguring knowledge production of China in the "new normal"

11:00 to 1:00 pm

Building D: D008

Participants:

Reframing Knowledge through Transnational Digital Platforming: A Photowalk in Huangyan, China and Thüringen, Germany with WeChat Group 'URA 照片共享群' *Kit Braybrooke, Technische Universität Berlin; Huang Huang, College of Architecture and Urban Planning, Tonji University China*

Researching While Chinese The China Initiative and its impacts on the science and technology communities in the US *Lin Zhang, 34 Tideview Dr; Tu Lan, University of New Hampshire*

Sense and Sensitivity: On the "Politically Sensitive" Qualitative Research in China *Chuncheng Liu, UC San Diego*

Chair:

Yuchen Chen

Session Organizers:

Chang Liu, University of Illinois at Urbana-Champaign

Chuncheng Liu, UC San Diego

Alex Jiahong Lu, University of Michigan

132. Subterranean Anthropology: Locating Power And Politics Below Ground

11:00 to 1:00 pm

Building D: D102

Participants:

Cultivating Solar Energy Above and Below Ground *Emilia Group, Stanford University*

"Subterranean" Korean Outer Space *Hae Seo Kim*

Awakening in the Dark: Okinawa's Caves as Sites for Experimental Counter-Politics in Japan *Aaron Hopes, Stanford University*

Cosmos, Cloud, and Underground: The Production and Circulation of Astronomical Big Data in Chile's Atacama Desert *Katheryn M Detwiler*

Discussant:

Valerie Olson, UC Irvine

Chairs:

Emilia Group, Stanford University
Aaron Hopes, Stanford University

Session Organizers:

Emilia Group, Stanford University
Aaron Hopes, Stanford University

133. Architecture and Urban STS II

11:00 to 1:00 pm

Building D: D105

Participants:

Gender And Urban Sustainable Mobility: An Ecofeminist
Perspective *sonia malik, jawaharlal nehru university, India*

Technological Consequences of Miscarriages of Justice: The
West Virginia University Personal Rapid Transit and the
'Co-ed Murders' *Simon A Cole, Univ Of Ca-Irvine; Alyse
Bertenthal*

Variable Boundaries, Visual Imaginaries, and the Architecture
of Security *Rebecca Smith, Taubman College of Architecture
and Urban Planning, University of Michigan*

Chair:

Rebecca Smith, Taubman College of Architecture and Urban
Planning, University of Michigan

Session Organizer:

Conference Chairs, 4S/ESOCITE

134. Science Communication II

11:00 to 1:00 pm

Building D: D108

Participants:

Political Prescriptions and Epistemic Corruption in the
Pandemic *Nishtha Bharti, Indian Institute of Technology,
New Delhi; Sergio Sismondo, Queen's University*

The cultural transmission system as a guide to communicating
with people regarding stem cell research and regenerative
medicine *Shibly Shahrier, Center for iPS Cell Research and
Application, Kyoto University; Kayo Takashima, Kyoto
University; Jusaku Minari, Kyoto University*

Un caso de periodismo en CTS como medio articulador de
EDU-CTS en San Pedro Cholula *Alejandro Hernández-
Daniel, Instituto Estatal de Educación para Adultos 01
Cholula*

Media discourse on the scientific evaluation of the Children's
Thyroid Study *Midori Aoyagi, National Institute for
Environmental Studies*

The Public Facing Discourse Of "Forever Chemicals" In The
U.S. *Sonia Monet Saxon, University of Illinois at Chicago*

Chair:

Sergio Sismondo, Queen's University

Session Organizer:

Conference Chairs, 4S/ESOCITE

135. Sonic Street Technologies (SST) as a Means of Emergence and Survivance: Technological Genealogies and Diaspora

11:00 to 1:00 pm

Building D: D202

Participants:

Culture, power and technology in Jamaican sound system
culture: past and present *Sonjah Stanley Niaah, University of
West Indies, Mona; Dennis Howard, University of the West
Indies at Mona; Ashly Cork, University of the West Indies at
Mona*

Migration, diaspora and sites of experimentation: sound systems

in France and its Afro-Caribbean genealogy *Jean-Christophe
Sevin, Avignon Université; Maria Emilia Escamilla, Avignon
Université*

Women in the Brazilian reggae scene: Feminine Hi-Fi *Daniella
Pimenta, Feminine Hi-Fi; Andrea Lovesteady, Feminine Hi-
Fi; Laylah Arruda, Feminine Hi-Fi*

Sonic activism as a social and political practice: El Gran Latido,
Colombia *Ricardo Vega, El Gran Latido*

Reconfiguring secular community spaces in India: Monkey
Sound System *Dakta Dub, Monkey Sound System; Roy
Dipankar, Monkey Sound System*

Chair:

Julian Henriques, Goldsmiths, University of London

Session Organizer:

Aadita Chaudhury, Goldsmiths, University of London/York
University, Canada

136. Underflows and Bad Dog: Authors Meet Critics

11:00 to 1:00 pm

Building D: D205

Participants:

Bad Dog: Pit Bull Politics and Multispecies Justice *Harlan
Weaver, Kansas State University*

Underflows: Queer and Trans Ecologies and River Justice *Cleo
Woelfle Hazard, UW Seattle*

Discussants:

Melina Packer, University of California, Riverside

Jia Hui Lee, Haverford College

Chair:

Cleo Woelfle Hazard, UW Seattle

Session Organizer:

Harlan Weaver, Kansas State University

137. Abysmal infrastructures. Energy communities in the maintenance, repairing, improvement, or abandonment II

11:00 to 1:00 pm

Building D: D208

Participants:

Communicating Sovereignty: Abysses of Infrastructural
Memory in James Bay *Rory Sharp, York University; Aviva
Weizman, York University*

El Camino de Hierro en el norte de Yucatán, la estación de
Valladolid, una Infraestructura en el abandono. *Javier
Sánchez González*

The BIOS Project and the political ecology of failure in
Lancaster Sound *Jonathan Peyton, University of Manitoba;
James Wilt, University of Manitoba*

Operationalising recognition in energy justice *Nynke van
Uffelen, TU Delft*

Diesel entanglement with Puerto Eden in providing access to
electricity *Cecilia Ibarra, Universidad de Chile*

The Devices of Sociotechnical Governance in Mexico's Energy
Transition *Nain Martinez, UC Berkeley*

Chair:

Nynke van Uffelen, TU Delft

Session Organizer:

Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

138. EASTS International Editorial Meeting

1:00 to 2:00 pm

Building A: A008

Chair:

Wen-Hua Kuo, National Yang Ming Chiao Tung University

Session Organizer:

Wen-Hua Kuo, National Yang Ming Chiao Tung University

139. Holtz Center for Science & Technology (University of Wisconsin-Madison) & Tapuya: Latin American Science, Technology and Society Meet-up

1:00 to 2:00 pm

Building A: A202

Chair:

Sainath Suryanarayanan, Holtz Center for Science & Technology Studies, University of Wisconsin-Madison

Session Organizer:

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

140. Cultivating an ethical ethos in our STS communities

1:00 to 2:00 pm

Building A: A204

Chairs:

Emma Kowal, Deakin University

Anne Pollock, King's College London

Session Organizers:

Anne Pollock, King's College London

Emma Kowal, Deakin University

141. Cafézim: Latinx Scholars in the Global North Meet Up

1:00 to 2:00 pm

Building A: A205

Chair:

Raquel Velho, Rensselaer Polytechnic Institute

Session Organizers:

Conference Chairs, 4S/ESOCITE

Raquel Velho, Rensselaer Polytechnic Institute

142. Tecnodemocracia: Tecnociencia, experticia y la reconfiguración de la política

2:00 to 4:00 pm

Building A: A004

Participants:

Digital Power, Democracy, and Surveillance in North and South
Victoria Bernal, UC, Irvine

La inteligencia de las máquinas naturales *Agustín Mercado,*
Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM

Secure current in Kinshasa: thanks to good neighbors, a
lightbulb and a stabilizer *Katrien Pype, KU Leuven*

¿A quién le sirve la evaluación?: Experticia en evaluación y sus
públicos teledemocráticos *Diana Graizbord, University of Georgia*

De-Documenting Birth: Interrogation of Citizenship and Birth
in the Texas-Mexico Borderlands *Orlando Lara, University of California, Irvine*

Discussant:

Analièse Richard, Universidad Autonoma Metropolitana

Chair:

Orlando Lara, University of California, Irvine

Session Organizers:

Analièse Richard, Universidad Autonoma Metropolitana

Victoria Bernal, UC, Irvine

143. Disentangling the Politics of Plastics II

2:00 to 4:00 pm

Building A: A008

Participants:

Circular Economy frameworks for plastic recycling systems
Javier de Rivera, Universidad de Vigo

Disentangling Plastics From Single-use Coffee Paper Cups
Colin Hill, Lancaster University Management School

Materialising Microplastics: The Politics of Disentanglement in
the Laboratory *Ryan Shum, University of Exeter*

Plastic Activism and its Critique *Paul Jobin; Erich Hellmer,*
Academia Sinica, Taiwan

Chair:

Kim De Wolff, University of North Texas

Session Organizer:

Paul Jobin

144. Ecologies of re-mediation II

2:00 to 4:00 pm

Building A: A012

Participants:

Remediating breeds through gene banking *Jenske Bal,*
Université de Liège (SPIRAL)

Reading cattle bodies *Simon Vanderstraeten, Université de Liège (SPIRAL)*

Questioning genomics infrastructures in the case of cattle
livestock selection and reproduction *François Thoreau,*
Spiral, University of Liege; Daniele Valisena, Université de Liège (SPIRAL)

Chair:

François Thoreau, Spiral, University of Liege

Session Organizer:

François Thoreau, Spiral, University of Liege

145. Emancipatory Technopolitics: alternative infrastructures, emergent solidarities, contested ontologies

2:00 to 4:00 pm

Building A: A102

Participants:

Participatory Infrastructure and Infrastructure for Participation:
Discursive and Material Relations of Production and
Maintenance for Digital Democracy *Ben Gansky, Arizona State University; Lindsay Adams Smith, Arizona State University*

Alt-Tech and Emergent Online Spaces *Michael Simeone,*
Arizona State University; Shawn Walker, Arizona State University

Forensic Speculations for a More-Than-Human Justice *Lindsay Adams Smith, Arizona State University; Maria Torres, Arizona State University*

A Theory of Discursive Essentialism *Joshua Morris Hurwitz,*
Stanford GSB

Chair:

Lindsay Adams Smith, Arizona State University

Session Organizer:

Ben Gansky, Arizona State University

146. Fraught politics of emergence and neglect in Global Health: Security regimes

2:00 to 4:00 pm

Building A: A104

Participants:

(De)Nationalizing Emergence: Chagas Disease in the United States *Bernardo Moreno Peniche, UC Berkeley*
Global health and the political economy of moral sensibility
João Nunes, University of York
More-Than-Human Segurança between Emergence and Neglect: Wolbachia-infected *Aedes aegypti* as Biotechnology of Epidemic Control in Rio de Janeiro, Brazil
Lúisa Reis Castro, University of Southern California
Public-Private Partnerships and the Neglected Tropical Diseases Research and Development Landscape: changing the logic and spaces of knowledge production *Hugo Ferpozzi*
The NTDs as an Operative and Imaginative Category in Global Health: Lessons from Onchocerciasis Interventions, 1970-present *Mari Webel, University of Pittsburgh*

Discussant:

Andrew Lakoff, University of Southern California

Chair:

Bernardo Moreno Peniche, UC Berkeley

Session Organizer:

Lina Beatriz Pinto-Garcia, Universidad de los Andes

147. The Play The World Needs Right Now: New Directions for Game Studies

2:00 to 4:00 pm

Building A: A106

Participants:

Local Play In A Global Pandemic: Changing Models, Expectations, and Accessibility Issues *Allen Kempton, Faculty of Information, University of Toronto*

“Is Valorant and Riot Vanguard safe?”: Mapping The Controversy Around Vanguard Anti-Cheat Software *Daniela Albin Pinheiro, University of Campinas - UNICAMP; Evandro Luiz Loyolla Moreira, University of Campinas (Unicamp); Renan Neves de Oliveira, University of Campinas (Unicamp)*

Making (Outer) Space To Play: A Cosmic History Of The American Video Game *Alexander John Daniel Mirowski, Catalent*

Chair:

Alexander John Daniel Mirowski, Catalent

Session Organizer:

Alexander John Daniel Mirowski, Catalent

148. The social cognition of human rationality

2:00 to 4:00 pm

Building A: A110

Participants:

Narratives, Historicity And Epistemic Artifacts In Scientific Resesarch *Natalia Carrillo, University of Vienna*

The Coordination In Metaphorical Comprehension. *Kirareset Barrera, UNAM*

Dual Theories In Reasoning And Moral Psychology *Jonatan Garcia Campos, Universidad Juarez del Estado de Durango; Paola Hernández Chavez, Universidad de Durango*

Heuristic Reasoning: from the adaptive toolbox to artefactual models of reasoning *Ana Laura Fonseca, Universidad Autónoma de San Luis Potosí*

Entrainment and Technological Scaffoldings *Sergio Martínez, UNAM; Ximena Gonzalez, Universidad Iberoamericana CD MX*

Discussant:

Melina Gastelum, Universidad Nacional Autonoma De Mexico

Chairs:

Melina Gastelum, Universidad Nacional Autonoma De Mexico
Sergio Martínez, UNAM

Session Organizer:

Melina Gastelum, Universidad Nacional Autonoma De Mexico

149. Another Research is Possible III

2:00 to 4:00 pm

Building A: A112

Participants:

Interviewing Interviewers: Collaborative Research and the Gatekeeping of Authority *Nelanthi Hewa*

Is Grounded Design Enough? Reconsidering Objectivity And Neutrality In Academic Research *Sarah Rüller, University of Siegen, Germany; Konstantin Aal, University of Siegen; Belén Giménez Ciciolli, University of Siegen*

To do Science is to Organize: Strong Participation Instruments for Scientific Chilean Excellence Centres *Juan Felipe Espinosa-Cristia, Universidad Tecnica Federico Santa Maria; Nicolás Trujillo Osorio, Universidad Adolfo Ibañez*

Chair:

Gretchen Lynn Gano, Prescott College

Session Organizer:

Gretchen Lynn Gano, Prescott College

150. Claiming Technology: Nationalism and Knowledge Production in the 21st Century I

2:00 to 4:00 pm

Building A: A202

Participants:

Claiming Authorship Through Performatic Acts: A Critical Analysis *Sandra Patricia Gonzalez-Santos, Universidad Anahuac*

Future, Present, Pasta: Stabilising National Identities Through Flexible Practice *Sahar Tavakoli, Cornell University STS*

National and Local Seeds: Discussions of Heirloom Seeds in Turkey *Maral Erol, Isik University; Müzeyyen Pandır, Isik University*

History and politics of maize collection: Maize agency and the making of national identities in Mexico *Marianna Fenzi, Université de Lausanne; Jean Foyer, Centre de Recherche et de Documentation des Amériques/CNRS. Paris, France*

Biological Ethnonationalism: The Case of Myanmar *Chan Lwin*
Mexico in Orbit: Satellites, National Identity, and the Conquest of Outer Space *Anne Warren Johnson, Universidad Iberoamericana Ciudad de Mexico*

Chair:

Maral Erol, Isik University

Session Organizer:

Sandra Patricia Gonzalez-Santos, Universidad Anahuac

151. From Using Technology to Wearing and Caring II

2:00 to 4:00 pm

Building A: A204

Participants:

WEARING DATA – Sense(-making) and sensibility between body-knowledge and data-driven Type 1-Diabetes technologies *Magdalena Eitenberger, University of Vienna, Department of Political Science*

From Wearing Disguise to Wearing Masquerade: Rethinking Everyday Resistance to Surveillance and Control *Alex Jiahong Lu, University of Michigan*

Affective beauty: The techniques of water permeability and sociable piety with Indonesian halal cosmetics *En-Chieh Chao, National Sun Yat-sen University*

Data Visceralization and the Politics of Walking in Migrant Narratives *Kim Brillante Knight, The University of Texas at Dallas; Juan Llamas-Rodriguez, Annenberg School for Communication, University of Pennsylvania*

Eco-friendly practices as matters of care: Wearing is caring, caring is wearing *MASSILIA OURABAH, UGent*

Chair:

Chris Hesselbein, Politecnico di Milano

Session Organizer:

Chris Hesselbein, Politecnico di Milano

152. Controversias públicas sobre ciencias y tecnologías emergentes: abordajes sociotécnicos y diversidad de conocimientos III

2:00 to 4:00 pm

Building A: A205

Participants:

Relações de poder envolvidas em intercâmbios entre conhecimentos em um sistema inovativo periférico no Brasil *Leticia Bastos, Unicamp - Universidade Estadual De Campinas; Flavia Consoni, UNICAMP; Fernando Campos Mesquita, Universidade Estadual de Campinas*

Secularism, science, and belief in Mexico: bringing science closer to Mexican society *Juan Manuel Rodriguez-Caso, UNAM*

Herramientas de big data convenientes para reivindicar las contribuciones de científicos de América Latina. *María de la Paz Ramos Lara, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades de la Universidad Nacional Autónoma de México (CEIICH-UNAM)*

Chair:

María de la Paz Ramos Lara, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades de la Universidad Nacional Autónoma de México (CEIICH-UNAM)

Session Organizer:

María de la Paz Ramos Lara, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades de la Universidad Nacional Autónoma de México (CEIICH-UNAM)

153. In Memoriam-Día de Muertos Project I

2:00 to 6:30 pm

Gymnasium: Altar

Session Organizer:

Sandra Patricia Gonzalez-Santos, Universidad Anahuac

154. Making & Doing: No One Is Obligated To See: A Bloody Trap I

2:00 to 6:30 pm

Building C: Aula Magna C201

Participant:

No One Is Obligated To See: A Bloody Trap *Clarissa Reche, State University of Campinas - UNICAMP*

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations

Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

155. Politics of Language in the Landscape of STS: Experiments, Infrastructures, and Collaborations

2:00 to 4:00 pm

Building B: B102

Chair:

Aalok Khandekar, Indian Institute of Technology Hyderabad

Session Organizers:

Duygu Kasdogan, İzmir Katip Çelebi University

Noela Invernizzi, Universidade Federal do Paraná

Alison Kenner, Drexel University

156. Critical datafication, platformization and algorithmic cultures from Latin America and the Global South III

2:00 to 4:00 pm

Building B: B103

Participants:

Comunidades de discusión en Twitter: desmontando las cámaras de eco en la conversación sociodigital *Antony Flores Merida, Signa_Lab*

Estrategias de observación, registro y análisis en espacios sociodigitales: la metodología multicapa de Signa_Lab-ITESO *Rossana Reguillo Cruz, Signa_Lab; Antony Flores Merida, Signa_Lab; Víctor Hugo Abrego Molina, Signa_Lab; Paloma López Portillo Vázquez, Signa_Lab; Diego Arredondo Ortiz, Signa_Lab; Eduardo G. de Quevedo Sánchez, Signa_Lab*

Expresiones de malestar en la economía colaborativa: hacia un estudio comparado de la política contenciosa frente a las plataformas de transporte y reparto en América Latina *Ronald Saenz, University of Costa Rica*

Hackeando al machismo y a los algoritmos en Bolivia *STEPHANIE Morón Terrazas, Universidad Iberoamericana Ciudad de Mexico*

Chair:

STEPHANIE Morón Terrazas, Universidad Iberoamericana Ciudad de Mexico

Session Organizer:

GABRIELA ELISA SUED, UNAM

157. Human Rights, Violence(s), and STS I: Data and Mobility

2:00 to 4:00 pm

Building B: B105

Participants:

Human Rights in the Regime of (Ac)Countability *Benedict Salazar Olgado, University of California, Irvine*

"It is everywhere": An exploration of the ecologies of violence on Colombian social media platforms *Esteban Morales, The University of British Columbia*

Deep Forensic Practices in the US-Mexican Border: Ecological Restoration and Border Violence in the Laguna Grande *Maria Torres Martínez, Arizona State University; Lindsay Adams Smith, Arizona State University*

El valor de la vida y de la muerte en los ensamblajes fronterizos *Paola DIAZ-LIZE, Instituto Milenio Violencia y Democracia/ CEMS-EHESS-France*

Discussant:

Fredy Mora Gamez, University of Vienna

Chair:

Paola DIAZ-LIZE, Instituto Milenio Violencia y Democracia/
CEMS-EHESS-France

Session Organizer:

Fredy Mora Gamez, University of Vienna

158. Doing Your Own Research: Legitimacy, Authority and Credibility within Resistant Research Communities I

2:00 to 4:00 pm

Building B: B108

Participants:

"16 Concerned Scientists," or the Paradox of Scientific Authority in Climate Change Skepticism *Shenghe Ye, The University Of Chicago*

Fumigate or not fumigate? Controversies over the use of glyphosate in the War on Drugs in Colombia *Javier Guerrero-C, Instituto Tecnológico Metropolitano; Jorge M Escobar, Instituto Tecnológico Metropolitano; Victoria Estrada, Instituto Tecnológico Metropolitano*

Making Expertise Legitimate: "Biohackers" as a Morally Ambiguous Case for Analyzing Battles Over Expert Authority *Clay Davis, Northwestern University*

Refusing to Arbitrate Truth: Structural Interventions in Disinformation by Computer Scientists in Brazil *Meg Stalcup, University of Ottawa*

Chair:

Meg Stalcup, University of Ottawa

Session Organizer:

Yvonne Melisande Eadon, Department of Information Studies, UCLA

159. Indeterminacy, Uncertainty, Potentiality III

2:00 to 4:00 pm

Building B: B111

Participants:

Anticipating Extinction, Seeding Futures *Eva Rose Steinberg, CUNY Graduate Center*

The Monsoon and the Market: The Potentiality of Uncertainty in Agrarian India *Tanya Matthan*

Substitution, Sequestration, Sink? Parsing Speculative Carbon Flows across Forests and the Built Environment *Megan Wiessner, New York University*

The Mechanism Will Not Hold: How Microbial Talents Defy Certainty in Agriculture *Marie F Turner, Colorado State University*

Discussant:

Mylène Tanferri, Université de Lausanne

Chair:

Marie F Turner, Colorado State University

Session Organizer:

Jerome Whittington, New York University

160. Making & Doing: Projections I

2:00 to 6:30 pm

Building B: B205

Participant:

Engaging Design and STS in Narrative Frameworks: A Storytelling Workshop *Li Zheng, Georgia Institute of Technology*

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

161. Making & Doing: Performances I

2:00 to 6:30 pm

Building B: B206

Participants:

Afectividad del coral: tejido performativo *CRISTINA ROXANA XAMAN MC GREGOR, UDLAP Mexico; Valentina Alcalde Gómez, Profesora Cátedra ITESM / Universidad Anahuac*

Dance Your Diasporic DNA/Baila Tu ADN Diaspórico *Lissette Lorenz, Cornell University*

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

162. Tecnologías Estratégicas en América Latina: abordajes, experiencias y recomendaciones de política para el desarrollo sustentable III

2:00 to 4:00 pm

Building C: C010

Participants:

Inserción De Argentina En La Cadena Global De Valor De La Electrónica De Consumo *Florencia Etel Urcelay, Universidad Nacional de Luján*

Políticas explícitas e implícitas en el mercado satelital geostacionario argentino (1993-2019) *Yamila Noely Cáceres, Florencia Etel Urcelay, Universidad Nacional de Luján*

Tecnologías Estratégicas y Desarrollo. El Caso Del Reactor CAREM (1984-2014) *Juan Einar Cristensen, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET; Juan F Picabea, CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes*

La naturaleza de los vínculos y el escalamiento en el subsector hortícola en México. *Seyka Sandoval, UNAM; Blanca Araceli Borja, Facultad de Economía -UNAM*

Plataformas tecnológicas para la producción pública de vacunas *Patricia Gutti, Universidad Nacional de Quilmes; Yamila Kababe, National University of Quilmes*

Chair:

Blanca Araceli Borja, Facultad de Economía -UNAM

Session Organizer:

Seyka Sandoval, UNAM

163. Security Technologies, or, How to Live With Others III: Law and Materiality

2:00 to 4:00 pm

Building C: C012

Participants:

Suspect Citizens to Suspected Terrorists: the Legal Politics of Pakistan's Terrorism Watch List *Sonia Qadir, UNSW Law*

Energy Security and the Role of Foreign Renewable Energy Investment *Hui Helen Pang, UNSW Law*

Out of control: the information in the US military manuals *erico sant'anna perrella*, State University of Campinas - UNICAMP

Discussant:

Angela Smith, UNSW Sydney

Chair:

Angela Smith, UNSW Sydney

Session Organizers:

Angela Smith, UNSW Sydney

Sonia Qadir, UNSW Law

Siddharth Narrain, UNSW

164. Chips all the way down: Epistemologies and ontologies of the microchip

2:00 to 4:00 pm

Building C: C105

Participants:

In/Just Electronics: Aesthetics and Politics of the Microchip

Ezra Teboul, CIRMMT, McGill University

The Neuromorphic Mind, or Affect on the Analog Circuit

Henry N Osman, Brown University

The Labor of Sociotechnical Imaginaries: Gujarati Diaspora in

U.S. Printed Circuit Board Manufacturing *Kinjal Dave,*

Annenberg School of Communication, University of Pennsylvania

Making Chips, Making Territory: Open and Proprietary

Technology Sovereignty Repertoires in Jalisco, Mexico

Veronica Uribe del Aguila, UC San Diego

Chair:

Veronica Uribe del Aguila, UC San Diego

Session Organizers:

MC Forelle, Cornell University

Zane Griffin Talley Cooper, University of Pennsylvania,

Annenberg School for Communication

165. STS Engagements with civil society and social justice activism: case studies of collective experiences

2:00 to 4:00 pm

Building C: C108

Participants:

Affordances of grassroots civic tech platforms against corruption in India *Anwasha Chakraborty, University of Bologna*

Citizen Social Science For Environmental Justice. Co-production Of Community Indicators At The Matanza-Riachuelo Basin (Argentina). *Leticia Castro, CONICET-CENIT, UNSAM*

Data Into Action: Twenty Years of STS-inspired Hacks for Environment and Justice. *Christopher Csikszentmihalyi, Cornell University; Marina Zafiris, Cornell University*

Exploring Intercultural Values in Relation to Global AI Ethics and Governance. *James Wright, The Alan Turing Institute*

Embedding STS insights in social activism: case study of a collaborative project between STS scholars and a non-profit organization *Stephane Couture, Université de Montréal; Sophie Toupin, Concordia University (Montreal, CANADA)*

Doing through Thinking, Thinking through Doing as a Way of conceiving the Indigenous Friends Initiative *ALEJANDRO MAYORAL BANOS, Indigenous Friends Association*

Chair:

Fernando Martin Mayoral, FLACSO Ecuador

Session Organizer:

Stephane Couture, Université de Montréal

166. Medicine Man. Reconfigurations of Masculinity in times of increased Medicalization

2:00 to 4:00 pm

Building C: C110

Participants:

Medicine Man: Media assemblages of Medicalized

Masculinities *Karen Hvidtfeldt, University of Southern Denmark, Department for the Study of Culture; Michael Nebeling Petersen, University of Copenhagen, Faculty of Humanities*

Doctorhood and masculinity: Normative, performative, and phenomenological similarities *Marcia Villanueva Lozano, UNAM*

Start-ups, shy guys, and droopi cacti: recycling and reconstructing masculinity in direct-to-consumer telepharmacies *Ben Curran Wills*

The Looping Effect of Paraphilia and its Materiality: On Chemical Castration of Sex Criminals in Korea *Jae Ryoung Koo, Seoul National University*

Chair:

Michael Nebeling Petersen, University of Copenhagen, Faculty of Humanities

Session Organizer:

Karen Hvidtfeldt, University of Southern Denmark, Department for the Study of Culture

167. Communities of Practice: Learning Together for Just Sciences

2:00 to 4:00 pm

Building C: C204

Participants:

Thinking Justice Together: Re-imagining Pedagogy and Research Across the Sciences and Humanities *Emily York, James Madison University; Daisy Breneman, James Madison University; Shannon N. Conley, James Madison University; Cindy Klevickis, James Madison University; Christine May, James Madison University; Elizabeth A. Reddy, Colorado School Of Mines; Holly Yanacek, James Madison University*

Coproducción de conocimientos entre la Universidad de la República- Uruguay, actores de la sociedad civil y el Estado: discapacidad, desigualdades de género en el ámbito rural y producción agropecuaria familiar. *Maria Goñi Mazzitelli, Universidad de la República (Uruguay)*

Critical inclusion in technology design: Why diversity, strong objectivity and discomfort are necessary when designing equitable, gender inclusive digital technologies *Karly Burch, University of Otago; Mira O'Connor, University of Otago; Sandhiya Gounder, University of Otago; Katharine Legun, Wageningen University*

Unlearning Defeatism: Using Guided Inquiry Learning for Envisioning Futures and Political Change *Elizabeth Patitsas, McGill University; Peter McMahan, McGill University*

Chair:

Carolina Cruz-Vinaccia, McGill University, McGill Space Institute

Session Organizers:

Carolina Cruz-Vinaccia, McGill University, McGill Space

Institute

Emma McKay, McGill University

168. STS and the Method of Hope

2:00 to 4:00 pm

Building C: C207

Participants:

Against the False Hopes of “Real-time” in Biomedical

Discourse: For a Materialist and Pessimist Technoscience

Stephen Mollidreem, The University of Texas Medical Branch

Demilitarisation, Open Worlds, and Reparative World-Making

Lucy Suchman, Lancaster University, UK

Domestic Service Robotics, STS, and Hope for/Fear of the Not-Yet

Elliott Hauser, The University of Texas at Austin

‘Frictionless Data’, Virtual Health, and Hoping Well

Michelle Charette, York University; Denielle Elliott

Grassroots Infrastructure for Community Engaged Pedagogy:

Contingency and Hope for Better Relations

Brandon Costelloe-Kuehn, Rensselaer Polytechnic Institute; Jennifer

Cardinal, Rensselaer Polytechnic Institute; Guy Schaffer,

Rensselaer Polytechnic Institute

“Science-based” hope: desire, knowledge, and labor in

corporate sustainability

Montserrat Perez Castro Perez, Dartmouth College

Chair:

Fernando Dominguez, UC San Diego

Session Organizer:

Steven Jackson, Cornell University

169. Cerebral Frictions I

2:00 to 4:00 pm

Building D: D003

Participants:

Electrifying Pained Bodies: On the Re-Emergence of Electric

Stimulation in Neurology and Psychiatry

Alexandra Middleton, Lund University; Benjamin Lipp, Cornell

University

Figures of Mind: Spiritual Innovation and the Patenting of

Neurofeedback Devices

Andrew Ventimiglia, Illinois State

University

Living in the Age of Neuro-Digitalization. Patients with

Amyotrophic Lateral Sclerosis in Brain Research

Melike Sahinol, Orient-Institut Istanbul

Locating Epileptogenic Zones: Personal Medicine, Personalised

Models, and Virtual Brains

Tara Mahfoud, University of

Essex

Chair:

Megh Marathe, Michigan State University

Session Organizers:

Tara Mahfoud, University of Essex

Denielle a Elliott, York University

Megh Marathe, Michigan State University

170. What is Sensory Justice?

2:00 to 4:00 pm

Building D: D006

Participants:

Flavor as a tool for sensory justice?

Oluwabukola Makinde, Arizona State University; Christy Spackman, SFIS - Arizona

State University

Tokolosh Technology: touching the internet?

Jess Auerbach,

University of Cape Town

Common Sense: Racial Interpellation and the Pursuit of

Equality in Dermatological Vision

Yesmar Semaj Oyarzun,

Rice University

An expanded istifada: towards sensory justice for deaf

Jordanians

Timothy Y. Loh, Massachusetts Institute for

Technology (MIT)

Seeing like a plant – indoor vertical farming as dis/connecting

sensorial space between humans and plants

Mascha Gugganig, Technical University Munich (TUM)

Chair:

Christy Spackman, SFIS - Arizona State University

Session Organizer:

Jia Hui Lee, Haverford College

171. Writing With Animacy: Affect in human-non-human

relations

2:00 to 4:00 pm

Building D: D008

Participants:

Aguas Encarnadas: Políticas de Defensa de la Vida de las

Mujeres Wayúu, Colombia

Astrid Ulloa, Universidad

Nacional De Colombia

La Resistencia Humano-Vegetal de un Territorio Cordillerano

al Sur de Chile

Pedro Pablo Achondo, Univiersidad de Chile

Ese Objeto Científico Denominado Yajé: Botánica Colonial,

Violencias Epistémicas y Reterritorialización

Duvan Rivera, Universidad Nacional De Colombia

Improbable Encounters Between Archival Technologies, or a

Way of Questioning the Long Term Dure of Knowledge

Infrastructures

Andrea Botero, Aalto University /

Universidad de los Andes; Tania Pérez-Bustos, National

University of Colombia

Discussant:

Santiago Martínez Medina, Instituto Alexander von Humboldt

Chair:

Monica Amador, University of Rosario

Session Organizers:

Naomi Millner, University of Bristol

Monica Amador, University of Rosario

172. Publish, or Perish. Is that the question?

2:00 to 4:00 pm

Building D: D102

Participants:

A new cover for an old story

Paolo Parra Saiani, University of

Genoa; Fabrizio Martire, Sapienza, University of Rome --

Department of Communication and Social Research

(CORIS); Silvia Cataldi, Sapienza, University of Rome --

Department of Social and Developmental Psychology

Evolución de los criterios de evaluación del Sistema Nacional

de Investigadores del Uruguay desde su creación

Antonella Barletta, Facultad de Ciencias / Universidad de la

República; Amilcar Davyt, Facultad de Ciencias /

Universidad de la República

Publish Or Perish: A Comparative Study Of Mexican, Italian

And US Researchers

Federica Cagnoli

Discussants:

Fabrizio Martire, Sapienza, University of Rome -- Department

of Communication and Social Research (CORIS)

Silvia Cataldi, Sapienza, University of Rome -- Department of

Social and Developmental Psychology

Chairs:

Silvia Cataldi, Sapienza, University of Rome -- Department of Social and Developmental Psychology

Paolo Parra Saiani, University of Genoa

Fabrizio Martire, Sapienza, University of Rome -- Department of Communication and Social Research (CORIS)

Session Organizer:

Paolo Parra Saiani, University of Genoa

173. Health work studies I

2:00 to 4:00 pm

Building D: D105

Participants:

Acting under uncertainty: an ethnographic account on experimenting with nurse roles in Dutch hospitals *Syb Kuijper, Erasmus School of Health Policy & Management; Martijn Felder, Erasmus School of Health Policy and Management; Roland Bal, Erasmus University Rotterdam; Iris Wallenburg, institute for Health Policy and Management*

An ethnographic account of repairing the fragmentation of nursing roles in Dutch hospital organizations *Martijn Felder, Erasmus School of Health Policy and Management; Syb Kuijper, Erasmus School of Health Policy & Management; Roland Bal, Erasmus University Rotterdam; Iris Wallenburg, institute for Health Policy and Management*

A New Understanding Of Science, Clinical Evidence, Medical Expertise And Traditional Chinese Medicine In The Era Of Transmodernity *Rey Tiquia, University of Melbourne*

Curative Encounters: Communicating the inconceivable in patient-physician relationships in Brazil *Márcio Vilar, Goethe University Frankfurt, Germany*

Chair:

Márcio Vilar, Goethe University Frankfurt, Germany

Session Organizer:

Conference Chairs, 4S/ESOCITE

174. Making & Doing: Online Presentations I

2:00 to 6:00 pm

Building D: D202

Participants:

AnArchive for the Anthropocene *Allie E.S. Wist*

Corp(O)ralidade, dança afro e psicologia: Tecnologia social decolonial para a população afro-brasileira *Hebert Silva dos Santos, Universidade do Estado do Rio de Janeiro; Loíse Lorena do Nascimento Santos, Universidade do Estado do Rio de Janeiro; alexandra cleopatre tsallis, Universidade do Estado do Rio de Janeiro*

Global Classroom, Critical Pedagogy and Decolonial STS Praxis *Sean Ferguson; Sharon Tsai-hsuan Ku, University of Virginia; Kim Fortun, University of California Irvine; Liao Miao, Changsha University of Science and Technology; Xianghong Wu, Material Science and Engineering Department, Shandong University, China; Dana E Powell, Appalachian State University; Rebecca Witter, Sustainable Development Department, Appalachian State University*

Laboratório afETAR e Rede Cidadã: tecnologias sociais em regeneração *Jackeline Sibelle Freires Aires, UERJ; Fernanda Sansão Hallack, UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO; dandara chiara ribeiro trebisacce, Universidade do Estado do Rio de Janeiro; Maria Tatiana*

Pessoa Costa de Carvalho, Rede Cidadã; Fernando Almeida Alves, Rede Cidadã; alexandra cleopatre tsallis, Universidade do Estado do Rio de Janeiro

Re-Animating the Archive *Kristine Ericson, Yale University*

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

175. Next-generation blockchain and visions of Web3 I

2:00 to 4:00 pm

Building D: D205

Participants:

Arguments on YouTube about NFTs in Games: Technological Imaginaries in Conflict *Brian Pleasants Harper, Indiana University Bloomington*

Contribution of Decentralized Finance on Sustainability *Diego Zuluaga, INNCOMP*

Decentralized retro-futures and possibilities of recuperation *Dawn Walker, Independent researcher*

Chairs:

Salah Hamdoun

Diego Zuluaga, INNCOMP

Session Organizer:

Diego Zuluaga, INNCOMP

176. Making and Doing: The Promises of Multispecies Justice I-A

2:00 to 6:30 pm

Building F: F008-F009

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

177. Making and Doing: The Promises of Multispecies Justice I-B

2:00 to 6:30 pm

Building G: G007-008

Chairs:

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Martin Andrés Perez Comisso

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

178. Epistemic Injustice in Global Health

4:30 to 6:30 pm

Building A: A004

Presenters:

Eugene T Richardson, Harvard Medical School

Raquel Baldwinson, University of British Columbia

Lulwama Mulalu, Faculty of Health Sciences, McMaster University

Seye Abimbola, Prince Claus Chair in Development and Equity, Utrecht University

Chair:

Raquel Baldwinson, University of British Columbia

Session Organizer:

Raquel Baldwinson, University of British Columbia

179. Trauma And Harm As Pedagogy/Method In STS/Engineering Education - Why We Must Do Differently

4:30 to 6:30 pm

Building A: A008

Participants:

Examining Pedagogies of Student Trauma: A Call for Transformation of Development Pedagogy Towards Justice & Care *Jane L Lehr, California Polytechnic State University; Gabriel Medina-Kim, Rensselaer Polytechnic Institute; Michael Solomon Reyna, California Polytechnic State University, San Luis Obispo; Victoria Staumau, UCSD; Luka Uchiyama, California Polytechnic State University, San Luis Obispo*

Epistemic Decolonization And Research Translation As Antidotes To The Neo-Colonial Pedagogies Of Help *Juan Lucena, Colorado School Of Mines; Mateo Rojas, Colorado School of Mines; Sofia Schlezak, Colorado School of Mines; Jaime Styer, Colorado School of Mines*

Trauma Mitigation Focused Methodology: How We Build Without Harm *Victoria Staumau, UCSD; Yumi Rosa Aguilar, California Polytechnic State University, San Luis Obispo; Emily Flores, California Polytechnic State University - San Luis Obispo; Lynne Slivovsky, California Polytechnic State University - San Luis Obispo; Jane L Lehr, California Polytechnic State University*

Diversifying Engineering Education Through A Systems Approach To Engineering Education *Dawn Neill, Cal Poly State University, San Luis Obispo; Rebekah Oulton, California Polytechnic State University, San Luis Obispo*

Using The Highlander Folk School Model And Emancipatory Pedagogy in Engineering Courses *Lizabeth Thompson, Cal Poly, SLO*

Chair:

Lizabeth Thompson, Cal Poly, SLO

Session Organizer:

Michael Solomon Reyna, California Polytechnic State University, San Luis Obispo

180. In Search of Habitable Worlds

4:30 to 6:30 pm

Building A: A012

Presenters:

Jordan Bimm, The University Of Chicago
Caitlin Kossmann, Yale History of Science and Medicine

Chair:

Luis Campos, Rice University

Session Organizer:

Matt Shindell, Smithsonian National Air and Space Museum

181. Emancipatory Technopolitics: community practices, alternative infrastructures, and emergent solidarities

4:30 to 6:30 pm

Building A: A102

Participants:

From Technopolitics to Cosmotronics Conflicts: Collective Struggles and Practices of Knowledge in Brazil *Henrique Zoqui Martins Parra, Federal University of São Paulo; Alana Moraes, IBICT - Brazilian Institute of Information in Science and Technology*

The Open Source Pharmaceutical Movement: Mapping Social Action for a Medicine Commons *Nicole Foti, University of California, San Francisco*

How Does Activist Resistance to Algorithmic Surveillance Matter? *Gabriel Pereira, London School Of Economics & Political Science*

Sacred Stacks: Governable Technologies for Vital Communities *Nathan Schneider, University of Colorado Boulder; samira rajabi, University of Colorado; Nabil Echchaibi, University of Colorado Boulder*

Chair:

Nicole Foti, University of California, San Francisco

Session Organizer:

Ben Gansky, Arizona State University

182. How Carbon Affects Us

4:30 to 6:30 pm

Building A: A104

Participants:

Doubtful Calculation: How Experts Construct Low-carbon Futures *Ankit Bhardwaj, New York University*

Carbon, Carbohydrates, and Carbo-Futures: Making Sugar into Oil through Sugarcane Science in Brazil *Katie Ulrich, Rice University*

Unalienating Carbon: The Role of Affect and Labour in Emerging Carbon Sequestration Markets' Theories of Value *Anne Pasek, Trent University*

The Australian Carbon Market as State-Corporate Crime *Monique Mann, Deakin University; Laura Bedford, Deakin University*

Tropical rainforests as climate technology? Carbon stocks, measurement uncertainty and postcolonial politics *Vera Ehrenstein, EHESS - Centre d'Etude des Mouvements Sociaux*

Discussant:

Jerome Whittington, New York University

Chair:

Timothy Neale, Deakin University

Session Organizer:

Timothy Neale, Deakin University

183. Histories of Contagion without Infection

4:30 to 6:30 pm

Building A: A106

Participants:

Epistemic Corruption in the Scientizing of Place, Race and Disease: A Deep-Historical Case Study *Daryn Lehoux, Queen's University*

Diets, diseases, and data: tracing the epidemiology of nutrition in anglophone Africa, c. 1938-2020 *John Nott, Edinburgh University*

The Social Contagion of Social Contagion *Lukas Engelmann, University of Edinburgh*

From Phenotype to Genotype: The Coloniality of Aboriginal Mental Health Research in Taiwan *Harry Yi-Jui Wu, Cross College Elite Program, 1 University Road*

Chair:

Lukas Engelmann, University of Edinburgh

Session Organizer:

Lukas Engelmann, University of Edinburgh

184. History and Other Disciplines in Conversation

4:30 to 6:30 pm

Building A: A110

Participants:

Decolonial Approach To Study Knowledge About Chilean Native Medicinal Plants (18th Century) *Matteo Sartori*

Grappling with Lead in Mexico City *Elizabeth Roberts, University of Michigan*

Asylum Encounters And Knowledges: Race, Anthropology, And Psychiatry In The Dominican Republic, 1940s And 1950s *Alberto Ortiz Diaz, University of Texas, Arlington*

Exploring Colombia's odor-diversity: The role of women scientists in the study of tropical aromas *Ana Maria Ulloa, Universidad de los Andes*

Discussant:

Miruna Achim, Universidad Autonoma Metropolitana Cuajimalpa

Chair:

Miruna Achim, Universidad Autonoma Metropolitana Cuajimalpa

Session Organizer:

Julia E Rodriguez, University of New Hampshire

185. Reconfiguring with Critical Code Studies

4:30 to 6:30 pm

Building A: A112

Participants:

Reconfiguring Machines *David Berry, University of Sussex*

Automated Labor Relations *Catherine Griffiths, U. of Michigan*

Reconfiguring Predictive Policing: Critical Code Studies of Machine Learning Software *Mark C. Marino, University of Southern California; Jeremy Douglass, UC Santa Barbara; Sarah Ciston, University of Southern California; Zachary M Mann*

Session Organizer:

Mark C. Marino, University of Southern California

186. Retooling Global Science & Technology Studies (STS): New Analytics for the Post-COVID Age

4:30 to 6:30 pm

Building A: A204

Participants:

The Science Policy Script, Revised *Alexandra Hofmaenner, University of Basel*

Impermanence, Hybridity, Violence: Notes Toward a Global Technology Studies *Itty Abraham, Arizona State University*

From Postcolonial to Post-Covid: Midnight Thoughts While Waiting for the Dawn *Fa-ti Fan, FA-TI FAN*

Situating the Origin of COVID-19 and Maintaining Global Order *Amit Prasad, Georgia Institute of Technology*

Discussant:

Gabriela Soto-Laveaga, Harvard University

Chair:

Alexandra Hofmaenner, University of Basel

Session Organizers:

Amit Prasad, Georgia Institute of Technology

Alexandra Hofmaenner, University of Basel

187. Humanitarianism, Technoscience and STS

4:30 to 6:30 pm

Building A: A205

Participants:

Refugee Solidarity and Humanitarian Technologies of Rule *Saida Hodzic*

The Hunt for 'Lives Saved': On capture, traps, and elusion in global health worlds *Cal Biruk, McMaster University*

Grammars of the Horizon: Astronomy Initiatives and the Expectations of Care in Palestine *Jake Silver, Duke University*

Humanitarian Echoes: Everyday Forensic Genetics in South Africa *Noah Tamarkin, Cornell University*

Humanitarianism and the Toxicities of Care *Stefanie Graeter, The University of Arizona*

Discussant:

P. Sean Brotherton, New York University

Chair:

Juno Salazar Parrenas, Cornell University, Department of S&TS

Session Organizer:

Noah Tamarkin, Cornell University

188. Colonial Lineages of Global Fertility Chains

4:30 to 6:30 pm

Building B: B103

Presenters:

Sigrid Vertommen, University of Cambridge

Michal Nahman, Department of Health and Social Science, University of the West of England, Bristol

Lucy van de Wiel, King's College London

Julieta Chaparro Buitrago, The University of Cambridge

Chair:

Lucy van de Wiel, King's College London

Session Organizer:

Lucy van de Wiel, King's College London

189. Human Rights, Violence(s), and STS II: Methods, interrogations, and politics

4:30 to 6:30 pm

Building B: B105

Participants:

Infrastructural operations, documentality and distinctive ontologies of the victimized subject: reading the human rights field from STS studies and vice versa *Oriana Bernasconi, Universidad Alberto Hurtado; Luis Campos Medina, Universidad de Chile*

Securing Knowledge *Teresa Naval, UCSD*

Thinking methodologies with textiles, thinking textiles as methodologies in context of transitional justice *Tania Pérez-Bustos, National University of Colombia*

Political Ontologies of Incitement: Platform Sensibilities of Speech, Violence, and Preemption *Andrea Miller, The Pennsylvania State University*

Discussants:

Julia Morales Fontanilla, University of Virginia

Estela Schindel, Europa-Universität Viadrina

Chair:

Paola DIAZ-LIZE, Instituto Milenio Violencia y Democracia/CEMS-EHESS-France

Session Organizers:

Fredy Mora Gamez, University of Vienna

Paola DIAZ-LIZE, Instituto Milenio Violencia y Democracia/CEMS-EHESS-France

190. Doing Your Own Research: Legitimacy, Authority and Credibility within Resistant Research Communities II

4:30 to 6:30 pm

Building B: B108

Participants:

A Special Kind of Stupid: “Boomer” Memes and Political Sensemaking *Wade Keye, University of Rochester*

On the internet, no one knows if you're a bird *Hamsini Sridharan, Annenberg School for Communication & Journalism, University of Southern California; Pamela Camille Perrimon, Annenberg School for Communication & Journalism, University of Southern California*

Rugged individualism and the epistemology of reactionary communities online *Cindy Ma*

Chair:

Cindy Ma

Session Organizer:

Vivian Gerrand, Deakin University

191. Everyone Likes Access

4:30 to 6:30 pm

Building B: B111

Presenters:

Beth Semel, Princeton University

Crystal Lee

Allison Fish, Senior Research Fellow and Faculty of Arts and Sciences, University of Queensland

Chair:

Daniel Greene, University of Maryland

Session Organizer:

Michele Friedner, The University Of Chicago

192. Inclusivity and Marginalization Within Innovation Processes

4:30 to 6:30 pm

Building C: C105

Participants:

Defining Inclusive Innovation in the Context of International Space Technology Projects *Devyani Gajjar, The Open University*

El decir y el hacer del género: líderes que inducen a prácticas particulares en entornos de colaboración universidad-industria *Alejandra Moreno López, CONICET / Universidad Nacional de Córdoba; Kelly Thomson, York University*

El sector agroalimentario mexicano y las nuevas tecnologías *Juan Manuel Vargas-Canales, Universidad de Guanajuato; José de Jesús Brambila-Paz, Colegio de Postgraduados; Sergio Orozco-Cirilo, Universidad de Guanajuato; Nicasio García-Melchor, Universidad de Guanajuato*

Science and Technology Innovation Policies in Latin America *Juan Carlos García Cruz, Cátedras CONACYT/ UAM Xochimilco; Cristian Puga González, Arizona State University*

Chair:

Cristian Puga González, Arizona State University

Session Organizer:

Juan Carlos García Cruz, Cátedras CONACYT/ UAM Xochimilco

193. Engaging Science Technology and Society Editorial Board Happy Hour

4:30 to 6:30 pm

Building C: C204

Chair:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

Session Organizer:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

194. Suspicious Landscapes: the affective aftermath of war's technologies

4:30 to 6:30 pm

Building C: C210

Participants:

Metal and Mud: Racial Entanglements and Conscripted Landscape in the U.S. South and the Transpacific *Trung PQ Nguyen, San Jose State University*

Cartographies of Mine-Contamination: Containing Suspicion in a Polygon *Diana P Pardo Pedraza, The George Washington University*

Sensory Ecologies of Mangroves: Rhizophora and Toxic Suspicions *Natalia Duong, University of California, Los Angeles*

Traffic, War and Trafficking *Katherine Chandler*

My Own Private Superfund *Connie Zheng, University of California Santa Cruz*

Chair:

Diana P Pardo Pedraza, The George Washington University

Session Organizer:

Katherine Chandler

195. Cerebral Frictions II

4:30 to 6:30 pm

Building D: D003

Participants:

Havana Syndrome: Brain injuries, sonic traces, and science fictions *Denielle a Elliott, York University; Alexandrine Boudreault-Fournier, University of Victoria*

Paradoxical Reactions: Unruly Affects and Pharmacokinetic Indeterminacy *Sydney Neuman, York University*

Neurosciences and psychiatry: hybrid field of a brotherhood *Maria Pilar Bacci, Universidad de la República; Andrea Clara Bielli, Universidad de la República; Gabriela Lilián Bruno, Facultad de Psicología de la Udelar Uruguay; Lauren Pedrebon, Universidad de la República*

Stalling or Oiling the Engines of Diagnosis? On the Shifting Place, Role, and Impact of Categorical Diagnoses in Psychiatric Research *Martyn Pickersgill, University of Edinburgh*

Chair:

Megh Marathe, Michigan State University

Session Organizers:

Tara Mahfoud, University of Essex

Denielle a Elliott, York University

Megh Marathe, Michigan State University

196. The role of testing in contemporary society

4:30 to 6:30 pm

Building D: D005

Participants:

Testing as the art of closing epistemic gaps *Simon Egbert, University of Bielefeld*

Know your status and the limits of STI testing: Case study:
Herpes Simplex Virus *Mairead Sullivan, Loyola Marymount University*

Who to Trust? Clinician Perceptions of Laboratory Quality in
Clinical Genetic Testing *Kellie Owens, University of Pennsylvania*

Making algorithms work: On the production of ignorance in the
construction of accuracy measures in machine learning
Gabriel Grill, University of Michigan

Chair:

Simon Egbert, University of Bielefeld

Session Organizer:

Simon Egbert, University of Bielefeld

197. Writing With Animacy: More-than-human conservation

4:30 to 6:30 pm

Building D: D008

Participants:

Conservation Drones as Boundary Devices *Naomi Millner, University of Bristol; Monica Amador, University of Rosario*

Coproducción de Conocimientos y Aprendizajes Ambientales
en Experiencias de Conservación Comunitaria en el Sur
global. El Caso de la Comunidad Ecológica Jardines de la
Mintsiita (México) *Jaime Paneque-Gálvez; Esther Aguilar-Román, UNAM; Nicolas Vargas Ramirez, UNAM*

Tres Figuraciones Para Abrir el Páramo Natural *Santiago Martínez Medina, Instituto Alexander von Humboldt; Hanne Cottyn, Researcher*

The Productive Extinction of the Paujil: Conservation Practices
and Peasant's Worlding in an Andean Tropical Forest of
Colombia *Monica Amador, University of Rosario; Naomi Millner, University of Bristol*

Discussant:

Astrid Ulloa, Universidad Nacional De Colombia

Chair:

Jaime Paneque-Gálvez

Session Organizers:

Naomi Millner, University of Bristol

Monica Amador, University of Rosario

198. Biopharma, politics and markets

4:30 to 6:30 pm

Building D: D102

Participants:

Biopharmaceutical Financialization and Public Funding of
Medical Countermeasures (MCMs) in Canada during the
COVID-19 Pandemic *Ipek Eren Vural, Dalhousie University & Middle East Technical University; Matthew Herder, Director, Health Law Institute, Associate Professor, Faculties of Medicine and Law, Dalhousie Univer; Janice Graham, Dalhousie University*

Green Medicine on the Red Island: Madagascar's Emerging
Pharmaceutical Economy as Climate Response beyond
Conservation *Gabrielle Robbins, MIT HASTS*

How to characterize the influence of the pharmaceutical
industry in the Belgian biopharmaceutical state? *Lucas Bechoux, Université de Liège (SPIRAL)*

Chair:

Gabrielle Robbins, MIT HASTS

Session Organizer:

Conference Chairs, 4S/ESOCITE

199. Health work studies II

4:30 to 6:30 pm

Building D: D105

Participants:

Presenting Pressures *Els Roding, London School of Hygiene and Tropical Medicine*

The Demise of the US National Medical Performance Exams:
At the Intersection of Covid and Social Media *anthony m errichetti, The Simulationist Narrative Medicine Community; Ivana Guarrasi, Minnesota State University, Mankato*

Understanding agentiality among immigrant and visa-workers
in tech *Noopur Raval*

Chair:

Ivana Guarrasi, Minnesota State University, Mankato

Session Organizer:

Conference Chairs, 4S/ESOCITE

200. Circulation Of Knowledge

4:30 to 6:30 pm

Building D: D108

Participants:

Circulation Of Knowledge in Toxicological Genetics

Laboratories In Mexico And Global *Ma-Alicia Villela*

Neither Stranger nor Familiar: The Times of Researchers and
Communities During Collaboration in Scientific Research
Projects *Paula Urze, FCT NOVA; Emilia Araujo, universidade do minho*

South-South Knowledge Circulation And Collaboration
Reflections From Little Historical Evidence *Stéphane Dufoix, Université Paris-Nanterre*

Tropicalizing Electronics: Forest, Factories, and Techno-
Adaptation *Liliana Gil, The New School*

El campo académico CTS de América Latina visto a través de
sus eventos periódicos *Noela Invernizzi, Universidad Federal do Paraná; Luciano Guillermo Levin, Universidad Nacional de Río Negro; Amílcar Davyt, Facultad de Ciencias / Universidad de la República*

Chair:

Liliana Gil, The New School

Session Organizer:

Conference Chairs, 4S/ESOCITE

201. Next-generation blockchain and visions of Web3 II

4:30 to 6:30 pm

Building D: D205

Participants:

Imaginaries for a People's Internet: Comparing Web3 and Rural
Internet Cooperatives *Britt Paris, Rutgers University, School of Communication and Information*

Policies, laws, and technological infrastructures: how state rules
interact with blockchain technologies *Monika Agnieszka Jankowska, Rice University, Department of Anthropology*

The narrative in STS: Biomimicry of Web 3.0 and emergence of
new ways of thinking about governance, collaboration, and
value creation *Lisa Klautzer, TEZO Analytics LLC; Seo Yeon Hong, Tezo Analytics LLC; Swaptik Chowdhury, Pardee RAND Graduate School*

The Work of Proof around Proof of Work: Mapping
Environmental Knowledge Production in the Greenidge
Bitcoin Plant Controversy *Owen Marshall, Cornell S&TS and Information Science*

Chair:

Owen Marshall, Cornell S&TS and Information Science

Session Organizer:

Conference Chairs, 4S/ESOCITE

202. Bruno Latour: In Memoriam

4:30 to 6:30 pm

Building H: Manuel Acévez Auditorium

Chairs:

Emma Kowal, Deakin University

Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

Session Organizers:

Gabrielle Hecht, Stanford University

Christopher Kelty, UCLA

Dominique Vinck, University of Lausanne

Annalisa Pelizza, Dpt Philosophy and Communication, University of Bologna

Wen-Ling Tu, 復興南路一段135巷27號3F-3

Léa Maria Leme Velho, UNICAMP

Sergio Sismondo, Queen's University

203. 4S-ESOCITE Prize Session

6:30 to 8:30 pm

Gymnasium: Gymnasium

Session Organizer:

Conference Chairs, 4S/ESOCITE

204. East Asian Science, Technology and Society & Tapuya: Latin American Science, Technology and Society Joint Reception

8:30 to 10:30 pm

Cafeteria: Salón

Chair:

Wen-Hua Kuo, National Yang Ming Chiao Tung University

Session Organizers:

Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

FRIDAY, DECEMBER, 9

205. Access and Power: Critical Dialogue with the Authors of The Charisma Machine, The Promise of Access, and Disruptive Fixation

8:30 to 10:30 am

Building A: A004

Chair:

Steven Jackson, Cornell University

Session Organizers:

Morgan G. Ames, CSTMS/School of Information, UC Berkeley

Christo Sims, University of California, San Diego

Daniel Greene, University of Maryland

206. Indigenous Knowledges and Technologies I

8:30 to 10:30 am

Building D: D006

Participants:

Ancestral Technology as Portal to Alternative Technological Futures **Pedro Reynolds-Cuellar**, Massachusetts Institute of Technology

Caminos y conceptos de lo digital desde lo comunitario:

experiencias de la Red de Comunicadoras y Comunicadores Boca de Polen A.C. **Laura Elizabeth Manjarrez**, Tecnológico de Monterrey; Red de Comunicadoras y Comunicadores Boca de Polen A.C. **Alejandra Carrillo Olano**, CSO

Los quelites y su (re)valoración contemporánea: un análisis de injusticia alimenticia y epistémica **Aldo Palafox**

Okamasuei: Una Plataforma Digital de las Mujeres Cabecares de Costa Rica **Kemly Camacho**, Coop Sulá Batsú

Chair:

Carlos Francisco Baca Feldman, Centro de Investigación en Tecnologías y Saberes Comunitarios

Session Organizer:

Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

207. 4S 2022 Presidential Panel

8:30 to 10:30 am

Gymnasium: Gymnasium

Chair:

Emma Kowal, Deakin University

Session Organizers:

Gabriela Soto-Laveaga, Harvard University

Andrea Ballesterio, University of Southern California

Vivette Garcia Deister, UNAM

208. Data De-Invisibilization: Visualizing the Dark Matter of Networks

11:00 to 1:00 pm

Building A: A004

Participants:

Data That Cares. Femicide Data Activism as Practices of Care **Helena Suárez Val**, University of Warwick

#MeToo Anti-Network **Kim Albrecht**, metaLAB at

Harvard/Berkman Center; **Matthew Battles Battles**, The Arnold Arboretum of Harvard University; **Catherine D'Ignazio**, Massachusetts Institute of Technology; **Nicole Martin**, Indigenous Women Rising

Minority Women in Cycling - Data Visualisation and Ethnography for Elicitation of Cycling Experience **Mirela Reljan-Delaney**, City, University of London; **Joseph Wood**, City, University of London

The Kintsugi Method to Recount Data against Femicide **Saide Mobayed**, University of Cambridge

Visualizing Resilience: Youth Advocacy through Mapmaking **Yanni Alexander Loukissas**, Georgia Institute of Technology

Chair:

Catherine D'Ignazio, Massachusetts Institute of Technology

Session Organizer:

Matthew Battles Battles, The Arnold Arboretum of Harvard University

209. Teaching STI in intercultural contexts for inclusion of gender, language, and different abilities

11:00 to 1:00 pm

Building A: A008

Participants:

Articulating the Knowledge-Belief Continuum to Create Common Intercultural Learning Contexts **Rodrigo Renteria Valencia**, Central Washington University

Escribir para leer el mundo **Alejandra Garcia**, Universidad Autonoma Metropolitana; **Luz Lazos**, Universidad Nacional

Autónoma de México; Euridice Sosa, Universidad Pedagógica Nacional; Liliana Valladares, Universidad Nacional Autónoma de México

Forging Pathways: Access, Equity and Change in Instructional Practices in Science *Lilia Esther Sarmiento, CSU Dominguez Hills*

Building interdisciplinarity into the core: (re)constructing spaces of teaching and research practices in the aftermath of the COVID pandemic *Anna Geltzer, University of Notre Dame*

Chair:

Lilia Esther Sarmiento, CSU Dominguez Hills

Session Organizer:

Xenia Anaïd Rueda, UNAM

210. "It is a portal" – Reflections from Feminist of Color Science Studies Scholars on the ways we walked through or lessons learned from the pandemic

11:00 to 1:00 pm

Building A: A012

Presenters:

Bettina Judd, University of Washington

Nadia Qureshi, OISE, University of Toronto

Cristina Visperas, University of Southern California

Session Organizer:

Rajani Bhatia, University at Albany, SUNY

211. Science, Technology, and Sport

11:00 to 1:00 pm

Building A: A102

Participants:

Behind The Drive To Survive Phenomenon *Raymundo Baltazar Rodriguez Carrillo*

Career Trajectories of Competitive Video Gamers *Micah Rajunov, Boston University*

From Algorithms to AI: Uses and Users of Data in Sport *Jennifer Sterling, University of Iowa*

Technology meets the stadium: tensions and transformations of football stadia in the technological present *Pratik Nyaupane, University of Southern California, Annenberg School for Communication & Journalism; Fernanda Soria Cruz, University of Southern California*

Chair:

Fernanda Soria Cruz, University of Southern California

Session Organizer:

Jennifer Sterling, University of Iowa

212. Science, Technology & Human Values - Editorial Board Meeting

11:00 to 1:00 pm

Building A: A104

Chair:

Timothy Neale, Deakin University

Session Organizer:

Timothy Neale, Deakin University

213. Studies of multispecies: Transcending life

11:00 to 1:00 pm

Building A: A106

Participants:

La tecnología en la construcción biosocial del suelo *alaide marina arce*

Microbes, Multispecies Relations, and Global Health

Infrastructures *Alberto E Morales, Princeton University*

One environmental regulation for all? Digital farm data and regulatory flexibility *Jeanne Oui, Cornell University; Christopher Miles, Cornell University; Steven Wolf, Cornell University*

Pollination and the Horrors of Yield *Krista Lynes, Concordia University, Montreal, Canada*

Surveys that Build Heritage and Encounters to Inhabit Damaged Worlds: The Case of Fos-sur-Mer (France) *Maud Hallin, Université de Liège (SEED & SPIRAL)*

"We Only Keep the Best We Receive": Eugenics, Mercy Killing, and the American Humane Movement. *Kat Poje, Harvard University, History of Science*

Chair:

Krista Lynes, Concordia University, Montreal, Canada

Session Organizer:

Conference Chairs, 4S/ESOCITE

214. Género, Feminismos e Innovación para el Desarrollo

11:00 to 1:00 pm

Building A: A110

Participants:

Gender disparities in Editorial Boards of scholarly journals: the case of Latin American STEM journals *Ivonne Lujano, Arizona State University*

Gender Dynamics in Teaming: a university-industry research collaboration *Alejandra Moreno López, CONICET / Universidad Nacional de Córdoba; Kelly Thomson, York University*

Quebra de estereótipos de gênero na CT&I brasileira: o caso das mulheres pesquisadoras do PIPE Fapesp *Cleide Elizeu Silva, State University of Campinas - UNICAMP; Simone Pallone de Figueiredo, Unicamp*

Gendered users for inclusion or exclusion? Addressing gender in user theory towards inclusive socio-technical change *Gabriela Bortz, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET; Anabella Denuncio, CONICET/IESCT-UNQ*

Tecnologías sustentables y Género. Aproximación a casos en el archipiélago de Chiloé, Chile *Jorgelina Sannazzaro, Centro de Estudios sobre Ciencia, Desarrollo y Educación Superior (Centro asociado al CONICET)*

La gestación por sustitución en contexto: cruces entre (in)justicia reproductiva y biocapital *Maria Celina Penchansky, IIEGE UBA*

Chairs:

Márcia Tait, Laboratório de Tecnologias e Transformações Sociais/DPCT

Cecilia Matonte, Universidad de la República

Session Organizers:

María Florencia Trentini

Paula Juarez, Institute for Science and Technology Studies of the Universidad Nacional de Quilmes

215. Geographies of Ignorance I: (Not) Knowing Place

11:00 to 1:00 pm

Building A: A202

Participants:

Challenging geographies of undone epidemiology: the case of Los Campamentos Sanitarios *Florencia Arancibia,*

CONICET-CENIT, UNSAM; Valeria Arza, Centro de Investigaciones para la Transformación (CENIT-UNSAM); Damián Verzeñassi, Instituto de Salud Socio Ambiental, Universidad Nacional de Rosario; Scott Frickel, Brown University

Standard(izing) Ignorance: Charismatic Flooding and New Orleans *Martin Abbott, Cornell University*

The Imperceptibility and Scale of Nuclear Photography's Violent Futurities *Lukey Ellsberg, Yale University*

Dis-originated things: Extraction & structural ignorance of socio-ecological place *Emma McKay, McGill University*

Chairs:

Abby Kinchy, Rensselaer Polytechnic Institute

Lukey Ellsberg, Yale University

Session Organizer:

Emma McKay, McGill University

216. State, politics and covid-19

11:00 to 1:00 pm

Building A: A204

Participants:

Biological Citizenship and Surveillance in the COVID-19 Pandemic *Santiago J Molina, Northwestern University*

Creating A Global Disease Surveillance Apparatus: Epidemic Technoscience Meets National Security *Alexis Bedolla, UNAM / CISAN*

The violence against women and the pandemic context (covid19) – “The Shadow Pandemic” *Rafaela Souza Andrade*

Chasing Normality: health citizen and medical travels in post-outbreak Taiwan *Poyao Huang*

Chair:

Sergio Ordóñez, IIEc-UNAM

Session Organizer:

Conference Chairs, 4S/ESOCITE

217. Learning Infrastructures I

11:00 to 1:00 pm

Building A: A205

Participants:

Art and speculative design practices to ‘learn infrastructure’ through immersion – unveiling our mental models that shape infrastructure *Lisa Klautzer, TEZO Analytics LLC; Swaptik Chowdhury, Pardee RAND Graduate School; Seo Yeon Hong, Tezo Analytics LLC*

Education for the third industrial revolution *Alin Olteanu, RWTH Aachen University*

The Hall Pass as Infrastructure: What a Transition from Analog to Digital Reveals *Michelle Ciccone, University of Massachusetts Amherst*

Chair:

Zachary J McDowell, University of Illinois at Chicago

Session Organizer:

Jeremy Hunsinger, Wilfrid Laurier University

218. In Memoriam-Día de Muertos Project II

11:00 to 2:00 pm

Gymnasium: Altar

Session Organizer:

Sandra Patricia Gonzalez-Santos, Universidad Anahuac

219. Making & Doing: No One Is Obligated To See: A Bloody Trap

II

11:00 to 2:00 pm

Building C: Aula Magna C201

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

220. Science and academic evaluation

11:00 to 1:00 pm

Building B: B102

Participants:

Influences that matter: academic evaluation and its relationship to research problems and practices in social sciences in Uruguay *Camila Zeballos Lereté, Unidad Académica-Comisión Sectorial de Investigación Científica / Universidad de la República; Mariela Bianco Bozzo, Universidad de la República; maria goñi, Universidad de la República (Uruguay); Sofia Robaina, Universidad de la República*

Opening the Black Box of Research Evaluation: Conflict around Construction of the Polish Journal Ranking *Jakub Krzeski, Nicolaus Copernicus University in Toruń, Poland; Krystian Szadkowski, Adam Mickiewicz University in Poznań; Emanuel Kulczycki, Adam Mickiewicz University in Poznań*

The reward system of science reconfigured? *Dominic Lusinchi*

The impact of research funding on Early Career Researchers: ‘hold on’ or ‘get out’? *Mayra Morales Tirado, University of Manchester; Sampriti Mahanty, University of Manchester; Oishee Kundu, University of Cardiff*

Chair:

Dominic Lusinchi

Session Organizer:

Conference Chairs, 4S/ESOCITE

221. Science, Technology and the Collective Good: When and for Whom is Innovation Beneficial? I

11:00 to 1:00 pm

Building B: B108

Participants:

Ciencia, Tecnología e Innovación para la salud en México: propuesta de análisis sobre la Movilización del Conocimiento *Diana Montserrat Mojica Hernández, UAM; Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco; Jose Miguel Natera, CONACYT/ UAM Xochimilco*

Situating the collective good from process-work to institutional ecologies: an ethnographical approach to institutional interests in Portuguese biomedical settings *Ricardo Gomes Moreira, Institute of Social Sciences, University of Lisbon*

Moonshots, Miracle Drugs, and Magic Bullets: US Techno-optimism and the Limits of New Technologies to Provide Better Health *Laura Halcomb, University of California Santa Barbara; Jason Budge, University of California Santa Barbara; Barbara Herr Harthorn, UC Santa Barbara*

Chair:

Susi Geiger, University College Dublin

Session Organizer:

Ilaria Galasso, University College Dublin

222. Popular, Indigenous, Afro-Descendant, and Professional Communities in Latin America

11:00 to 1:00 pm

Building B: B111

Participants:

Embodied, Relational, Predictive, and Didactic: Nahua Science in Book XI of the Florentine Codex *Kelly McDonough, University of Texas at Austin*

From Cabinet To Field: Recasting Notions Of Indigenous Knowledge In Cochineal Cultivation In 16thC New Spain *Diana Heredia-Lopez, The University of Texas at Austin*

Forma de conocer el conocimiento médico popular e indígena de la Real Audiencia de Quito *Alan Rodríguez, Facultad Latinoamericana de Ciencias Sociales, sede Ecuador*

Diagnosing Disability in Late Colonial Lima, Peru: Enslaved People, Healers, and Redhibition *Adam Warren, University of Washington*

Chair:

Luisa Reis Castro, University of Southern California

Session Organizer:

Julia E Rodriguez, University of New Hampshire

223. Making & Doing: Projections II

11:00 to 2:00 pm

Building B: B205

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

224. Making & Doing: Performances II

11:00 to 2:00 pm

Building B: B206

Chairs:

Martin Andrés Perez Comisso

Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

225. What kinds of Knowledges and Infrastructures are Mobilized for Nuclear Renaissance?: Interpretations of Dis/Advantages and Social Mobilizations I

11:00 to 1:00 pm

Building C: C012

Participants:

A material uncertainty: how the shape and materiality of nuclear technology creates ignorance? *Maël Goumri, CERMES3 INSERM U988*

Grounding the nuclear renaissance: Visualizing “sustainable” nuclear power’s role in perpetuating unsustainable power relations *Karly Burch, University of Otago; Sonja Mueller, University of Otago*

‘Our Shared Ledger’: Crypto Carbon Communities in Northeastern Pennsylvania *Nancy D. Campbell, Rensselaer Polytechnic Institute*

Towards new knowledge standards: methodological rigor, public indifference and decline of research around nuclear facilities *Laura Barbier, CERMES3*

Chair:

Aya Hirata Kimura, University of Hawaii

Session Organizer:

Aya Hirata Kimura, University of Hawaii

226. Anti-Encyclopedia - reconfiguring knowledge in academic practice

11:00 to 1:00 pm

Building C: C105

Presenters:

Duygu Kasdogan, İzmir Katip Çelebi University
Marco Antonio Gaverio, PhD cand. Universidade Federal de São Carlos

Helena Moura Fietz, Rice University

Rosana Castro, Professora adjunta, Instituto de Medicina Social, Universidade do Estado do Rio de Janeiro

Wakana Suzuki, Osaka university

Anna Catarina Morawska Vianna, Federal University of São Carlos (UFSCar)

Rodrigo C. Bulamah, Federal University of São Paulo

Karen Gomes Shiratori, Pós-doutoranda, Departamento de Antropologia, Universidade de São Paulo

Vi Grunvald, Professora, Universidade Federal do Rio Grande do Sul

Paula Sandrine Machado, Professora, Universidade Federal do Rio Grande do Sul

Santiago Martínez Medina, Instituto Alexander von Humboldt
britt kramvig, UiT - The Arctic University of Norway

Chairs:

Renzo Taddei, Federal University of Sao Paulo

Luisa Reis Castro, University of Southern California

Session Organizers:

Antonia Walford, University College London

Tania Pérez-Bustos, National University of Colombia

Atsuro Morita, Osaka University

227. Postphenomenology; Reimagining a World for Tomorrow Through Living Cities

11:00 to 1:00 pm

Building C: C108

Participants:

Breathing Buildings: The Intersection of Human and Nonhuman Beings *Rebecca Blankenship, Gonzaga University*

Language Matters: The Logic of Damming up Living Water *Miranda Lewis, Gonzaga University*

Reimagining Education in the Age of Technology *Allyson Tanzer, Gonzaga University*

Discussant:

Roisin Lally, Gonzaga University

Chair:

Roisin Lally, Gonzaga University

Session Organizer:

Roisin Lally, Gonzaga University

228. The Law and the Conflictive Reconfiguration of Collectives I

11:00 to 1:00 pm

Building C: C110

Participants:

A right to ad-free browsing? Adblockers, the law, and the conflictive reconfiguration of the Internet attention ecology
Nicolas Baya-Laffite, Université de Genève

Co-producing Legal Responses to PFAS Contamination in Australia
Carley Bartlett, University of New South Wales

The social sciences and the shaping of a new image of science in law: lessons from the struggle against sprayings with glyphosate in Argentina
Maria Valeria Berros, Universidad del Litoral / CONICET; Nicolas Baya-Laffite, Université de Genève

Chair:

BILEL Benbouzid, Université Paris Est Marne la Vallée

Session Organizer:

Nicolas Baya-Laffite, Université de Genève

229. Multiple futures of energy and mobility transitions: Visions, Imaginaries and Contestation

11:00 to 1:00 pm

Building C: C207

Participants:

Co-Creating Responsible Pathway for Sustainable Future of E-Automobility: A Case Study of Delhi, India
Swati Kumari, Centre for Studies in Science Policy, Jawaharlal Nehru University

The Role Of Local Government In Making The Transition To Electric Mobility: Comparing Oslo And São Paulo.
Flavia Consoni, UNICAMP; Tatiana Bermudez, UNICAMP; Edgar Barassa, UNICAMP

Simulation and Dissimulation: The Sustainable Automobility Sociotechnical Imaginary
Richard Randell, Webster University; Robert Braun, Institut für Höhere Studien Vienna

Public Forums, Municipal Futures, and Infrastructural Pathways for Philadelphia's Energy Ecology
Alison Kenner, Drexel University; Morgan Sarao, Drexel University Center for Science, Technology, and Society (STS); James Adams, University of California, Irvine; Andrew Rosenthal, Drexel University; Briana Leone, Drexel University

The Blackout as Event: Australian and US perspectives in energy transitions
Declan Liam Kuch, Institute for Culture & Society, Western Sydney University; Dominic Boyer, Rice University

Heroic State and Epic Science. Analysis of a Socio-Technical Imaginary in the Theming of the Argentine Energy Transition
Leandro Nicolas Altamirano, Centro de Ciencia, Tecnología y Sociedad Universidad Maimonides

Chair:

Gisle Solbu, Norwegian University of Science and Technology

Session Organizers:

Gisle Solbu, Norwegian University of Science and Technology
Tomas Moe Skjølsvold

230. Ciudadánias Mediadas, Creaciones Intersubjetivas y Procesos de Transición Digital.

11:00 to 1:00 pm

Building C: C210

Participants:

Ciudadanía digital en el presupuesto participativo de la Ciudad de México.
Lourdes Marquina Sánchez, Universidad Autónoma de la Ciudad de México

Transiciones Digitales y Ciudadánias mediadas. El caso de las plataformas de gobierno digital.
Sara Guzman, Université de

Grenoble; Maria Clara Garavito Gómez, Universidad Nacional Autónoma de México

Assembling more-than-digital knowledge infrastructures in collaborative housing & activism
Andrea Schikowitz, University of Vienna, Department of Science and Technology Studies

Chair:

Andrea Schikowitz, University of Vienna, Department of Science and Technology Studies

Session Organizers:

Sara Guzman, Université de Grenoble

Maria Clara Garavito Gómez, Universidad Nacional Autónoma de México

231. Future imagining and the cultivation of possibility

11:00 to 1:00 pm

Building D: D003

Participants:

“Eko? Isn't that what you people call Lagos?": Africanfuturism and Alternative Urban Futures in Africa
Luke Boyle, Arizona State University

Reality Augmenters – Augmenting Media And The Reconfiguration Of Representation
George Simms, I-Dat Reflections Upon Design Fictions As A Participatory Process To Engage In The Imagination Of Futures Sarah Rüller, University of Siegen, Germany; Konstantin Aal, University of Siegen; Belén Giménez Ciciolli, University of Siegen

Revisiting Stem Cell Expectations: Past Futures and Current Politics
Klaus Lindgaard Hoeyer, University Of Copenhagen

Chairs:

Rachel Horst, The University of British Columbia

Esteban Morales, The University of British Columbia

Session Organizer:

Conference Chairs, 4S/ESOCITE

232. The Meanings of Biometrics, and their Consequences I

11:00 to 1:00 pm

Building D: D005

Participants:

Digitizing the Global Poor: the World Bank and the push for digital identity systems in the Global South
Joan Lopez-Solano, Tilburg Institute for Law, Technology and Society

Regulation and Resistance in Mexico's Biometrics Developments
Mariel Garcia Montes, Massachusetts Institute for Technology (MIT)

Database of the Potential Dead: Religion, Military Service, and Biometric Identification in Israel
Michelle Spektor, Massachusetts Institute of Technology

Between Criminal and Terrorist: The travel of biometrics from Rikers jails to its Fusion Center
Ariel Ludwig, Brandeis University

What's in a Voice? From Vocal Portraits to Speaker Verification Technologies
Juana Catalina Becerra Sandoval, IBM Research

Chair:

Ranjit Pal Singh, Data & Society Research Institute

Session Organizer:

Michelle Spektor, Massachusetts Institute of Technology

233. Indigenous Knowledges and Technologies II

11:00 to 1:00 pm

Building D: D006

Participants:

- Procesos de comunicación propia y apropiación tecnológica de jóvenes wixáritaari *Alondra Anadary Barba*
- Redes de Comunicação no Alto Rio Negro: Desafios e Propostas para a Autonomia Tecnológica *Jéssica Cristina Lozovei; Raimundo Miguel Benjamim*
- Sistema Medicinal Maya: Natural, Ritual y Colectivo. Centro de Organización Comunitaria Para la Defensa Territorial *Angel Sulub, Centro Comunitario U Kúuchil K Ch'i'ibalo'on*
- Weave; space, time and knowledge in the High Mountains of Veracruz, Mexico. *Gisela Hernández Muñoz, Colectivo Nikan Tipowih*

Chair:

Claudia Magallanes-Blanco, UNIVERSIDAD IBEROAMERICANA PUEBLA

Session Organizer:

Carlos Francisco Baca Feldman, Centro de Investigación en Tecnologías y Saberes Comunitarios

234. Labor Tech Research Network Launch I: Panel

11:00 to 1:00 pm

Building D: D008

Chairs:

Winifred Poster, Washington University, St. Louis
Paola Ricaurte, Tecnológico de Monterrey
Veronica Uribe del Aguila, UC San Diego
Liliana Gil, The New School

Session Organizers:

Winifred Poster, Washington University, St. Louis
Stephanie Beth Jordan, Michigan State University

235. Plantations and Epistemic Imperialism I: The Science and Technology of Plantations as Sites of Extractive Violence

11:00 to 1:00 pm

Building D: D102

Participants:

- Agro-Military Violence in Colombia: Oil Palm Plantations as Anti-subversive Tactics *Diana Ojeda, Universidad de los Andes, Bogotá, Colombia; Andrés Caicedo, UC Berkeley ESPM*
- Enduring Hacienda Plantation Logics: Epistemic Violence of Hacienda Land and the Claims to Subterranean Sovereignty *Pablo AguileraDelCastillo, Department of Anthropology, The University of Pennsylvania*
- Enumeration and the Plantation: measuring the flesh in slavery and its afterlives *Jolen Martinez*
- Plantation As History: The Epistemologies And Infrastructures Of Domination In Central America *Andres Leon Araya, University of Costa Rica; Maria Jose Guillen, Clark University*
- Revelation: On Postcolonial Caribbean Imaginaries of Extraction and Emancipation *Kimberley McKinson, Vanderbilt University*

Chair:

Kregg Hetherington, Concordia University

Session Organizers:

Sophie Marie Helene Chao, The University of Sydney
Alyssa Paredes, University of Michigan - Ann Arbor
Kregg Hetherington, Concordia University

236. Scientific and technological imaginaries

11:00 to 1:00 pm

Building D: D108

Participants:

- Flashback: Mattel's Major Matt Mason and the Saturn 5 Rocket *John McCamy Wilkes, WPI/retired professor*
- Techno-Legal Imaginaries: A Case Study of American Privacy Law Scholars *María Paula Angel, University of Washington Tech Policy Lab*
- The role of imaginaries in reproductive decisions in families affected by Turner Syndrome *Kriss Fearon, Centre for Reproduction Research, De Montfort University*
- Who Studies Racism In Mexico, And What For? Communities, Discourses, Institutions (2010-2020) *Francisco Vergara-Silva, Instituto de Biología, Universidad Nacional Autónoma de México*

Chair:

Francisco Vergara-Silva, Instituto de Biología, Universidad Nacional Autónoma de México

Session Organizer:

Conference Chairs, 4S/ESOCITE

237. Making & Doing: Online Presentations II

11:00 to 2:00 pm

Building D: D202

Chairs:

Martin Andrés Perez Comisso
Luisa Fernanda Grijalva Maza, International Relations Department, UPAEP Universidad

Session Organizers:

Irem Tekogul, Illinois Institute of Technology
Yelena Gluzman, University of Alberta

238. States, nations and technologies

11:00 to 1:00 pm

Building D: D205

Participants:

- Does governance require skill?: Goh Keng Swee's institutionalization of managerial expertise in Singapore *Sharad Pandian, Nanyang Technological University*
- The Special Deposition as a strategy to combat sexual crimes: the brazilian legal system example *Mariana Heloiza Santos Borborema Silva*
19. Claiming Technology: Nationalism and Knowledge Production in the 21st Century *Juan Ortiz Freuler, Berkman Klein Center / Annenberg, USC; Paola Ricaurte, Tecnológico de Monterrey*

Chair:

Juan Ortiz Freuler, Berkman Klein Center / Annenberg, USC

Session Organizer:

Conference Chairs, 4S/ESOCITE

239. Government of / as / by App(s) I: Intra-State Relations

11:00 to 1:00 pm

Building D: D208

Participants:

- "Can you WhatsApp it to me?": Mobile Data Dashboards and Evidence Based Policy *Aakash Solanki, The University of Toronto*
- Government of or by Apps? Mobile Infrastructures in "Digital" India *Nafis Aziz Hasan, The University of Pennsylvania*
- The "Natural" Self: Constructing Chineseness Between State Policy, E-Commerce, And The Countryside *Huiran Yi;*

Silvia Lindtner, University of Michigan

Datafying the Illegibles: Dilemmas and Mirages of the State
Legibility Project in China *Chungheng Liu, UC San Diego*

Chair:

Mei Zhan, UCI

Session Organizers:

Nafis Aziz Hasan, The University of Pennsylvania

Sandeep Mertia, New York University

Aakash Solanki, The University of Toronto

240. Making and Doing: The Promises of Multispecies Justice II-A

11:00 to 2:00 pm

Building F: F008-F009

Chairs:

Martin Andrés Perez Comisso

*Luisa Fernanda Grijalva Maza, International Relations
Department, UPAEP Universidad*

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

241. Empresas, trabajadores/as, estructuras sociales y subjetividades en el capitalismo informacional I

11:00 to 1:00 pm

Building F: F012

Participants:

Plataformização do ensino público e a resistência não
mediatizada no estado do Paraná *Maira Fernandes Costa;
Mário Lopes Amorim, UTFPR*

The end of Interpretive Flexibility? Technology Design under
Surveillance Capitalism *Brett Aho, University of California,
Santa Barbara*

América Latina y el Oligopolio Tecnológico Global:
Competencia y Rentabilización del Capital del Centro a la
Periferia *Carina Borrastero, CONICET / Universidad
Nacional de Córdoba; Ignacio Juncos*

Google Constructs Cuba: Tropical Digital Capitalism Meets
Havana's Creative Revolutionary Class *Maile Speakman,
Yale University*

Chairs:

Mariano Zukerfeld, CONICET, Universidad Maimónides

Natalia Bertí, Universidad del Rosario

Session Organizers:

*Carina Borrastero, CONICET / Universidad Nacional de
Córdoba*

Hernán Morero, CONICET, Universidad Nacional de Córdoba

242. Making and Doing: The Promises of Multispecies Justice II-B

11:00 to 2:00 pm

Building G: G007-008

Chairs:

*Luisa Fernanda Grijalva Maza, International Relations
Department, UPAEP Universidad*

Martin Andrés Perez Comisso

Session Organizers:

Irem Tekogul, Illinois Institute of Technology

Yelena Gluzman, University of Alberta

243. Making & Doing Central Exhibition II

11:00 to 2:00 pm

Gymnasium: Gymnasium

Chairs:

Martin Andrés Perez Comisso

*Luisa Fernanda Grijalva Maza, International Relations
Department, UPAEP Universidad*

Session Organizers:

Yelena Gluzman, University of Alberta

Irem Tekogul, Illinois Institute of Technology

244. Templates / Plantillas / Modelos I: Politics and ethics of data and algorithms

11:30 to 1:00 pm

Building C: C204

Participants:

Academic CVs and their Personae as (Auto)Biographical
Templates *Markus Tumeltshammer, University of Klagenfurt*

Building Resilience of Displaced Populations: New Templates
of Inclusion with Text Messaging and Social Media *Lucy
Kwe Manasseh, The Johns Hopkins University*

How can Templates Reconcile Data's Comparability and Local
Relevance? *Esther Rottenburg, London School of Hygiene
and Tropical medicine*

Diagrammatic Visualisation *Rosemary Lee*

Chair:

*Jessa Lingel, University of Pennsylvania, Annenberg School
for Communication*

Session Organizer:

Diogo Pereira Henriques, Aarhus University

245. Open Meeting for Students and Early Career Scholars of 4S

1:00 to 2:00 pm

Building A: A004

Chair:

Angela Okune, University of California - Irvine

Session Organizer:

Angela Okune, University of California - Irvine

246. The Next 4S Handbook of Science, Technology, and Society... and Beyond

1:00 to 2:00 pm

Building A: A110

Chair:

Christopher Kelty, UCLA

Session Organizer:

Christopher Kelty, UCLA

247. "Anthropogenic Table of Elements" Book Launch

1:00 to 2:00 pm

Building A: A202

Chair:

Timothy Neale, Deakin University

Session Organizer:

Timothy Neale, Deakin University

248. Heterogeneidad, diversidad y proyecciones

1:00 to 2:00 pm

Building A: A204

Chair:

Javier Guerrero-C, Instituto Tecnológico Metropolitano

Session Organizer:

Javier Guerrero-C, Instituto Tecnológico Metropolitano

249. Presentación de la Biblioteca PLACTED

1:00 to 2:00 pm

Building B: B102

Chair:

Lucía Céspedes, Centro de Investigaciones y Estudios sobre Cultura y Sociedad (CONICET-UNC)

Session Organizer:

Lucía Céspedes, Centro de Investigaciones y Estudios sobre Cultura y Sociedad (CONICET-UNC)

250. What Work Does the Cyborg Really Do? A conversation with contributors to Modified: Living as a cyborg

2:00 to 4:00 pm

Building A: A004

Presenters:

Sandra Patricia Gonzalez-Santos, Universidad Anahuac

Deborah Heath, Lewis and Clark College

Megan Boler, OISE/University of Toronto

Steven Mentor, Evergreen Valley College

Session Organizer:

Chris Hables Gray, Crown College, UCSC

251. (New) Territories of Ignorance: what do ignorance studies ignore? I

2:00 to 4:00 pm

Building A: A008

Participants:

Automobility as agnotology *Robert Braun, Institut für Höhere Studien Vienna; Richard Randell, Webster University*

Denying dumping: lawyers and the production of ignorance in the Arica Victims v. Boliden Mineral AB case *Patricio Flores, University of Warwick, UK*

Fragmentation of knowledge in environmental diseases. The case of air pollution in Paris *Justyna Moizard-Lanvin, Université Paris Cité / Cermes3*

How To Increase Ignorance Through Documentaries *Myriam Tonelotto, ARTE European Broadcaster; Matthias Gross, Department of Urban and Environmental Sociology, Helmholtz Centre for Environmental Research-UFZ*

Session Organizers:

Laura Barbier, CERMES3

Lisa Claussmann, Université Paris Cité, CERMES3

Maël Goumri, CERMES3 INSERM U988

Justyna Moizard-Lanvin, Université Paris Cité / Cermes3

252. Decolonizing the Psychedelic Research Revival II

2:00 to 4:00 pm

Building A: A012

Participants:

The Enduring and Complicated Legacy of Advaita Vedanta in Psychedelic Mysticism *Jeffrey Breau*

Psychedelics in the health system of the Global North and their role in indigenous communities. Outline of a confrontation of worldviews. *Luis Eduardo Luna, Wasiwaska Research Center*

Who Counts As God? 'Tipping the Scales' of Mysticism in Psychedelic Neuroscience *Paul Stephen Gillis-Smith, Harvard Divinity School*

Decolonial Ethics, Ideology and Psychedelic Humanities *Osiris Simuhe Gonzalez Romero, University of Saskatchewan*

Chairs:

Christine Hauskeller, University of Exeter

Ernesto Schwartz Marin, Exeter University

Session Organizers:

Christine Hauskeller, University of Exeter

Luis Eduardo Luna, Wasiwaska Research Center

Amelia Fiske, Technical University Munich

Claudia Schwarz-Plasch, None

253. The Technopolitics of Water: Fixity, Flow, and Scale

2:00 to 4:00 pm

Building A: A102

Participants:

Aquifers: Ethnography and Responsibility at the Edge of a Techno-Scientific Concept *Andrea Ballestero, University of Southern California*

The Politics of Volumes: Calculative Devices and Hydraulic Control in the Aftermath of Disaster *Dean Chahim, The University of Texas at El Paso*

Managing the Unknown: The Technopolitics of Making Water Commensurable in the Mexico City Water System *Alejandro De Coss, University of Bath*

Settler Computing and Water Artifice: On Demystifying the Form and Function of Digital Water Management *Theodora Dryer, New York University*

Governing Flows in California's Megadrought *Andrew Lakoff, University of Southern California*

Chair:

Dean Chahim, The University of Texas at El Paso

Session Organizers:

Andrew Lakoff, University of Southern California

Dean Chahim, The University of Texas at El Paso

254. Organisms and/as Technologies I

2:00 to 4:00 pm

Building A: A104

Participants:

Classification, Care, and Response-ability in Human-Leech Medicines *Lisa Allette Brooks, University of California Berkeley*

Mice, Opossums, Humans, Eggs, Placentas, and Sperm: Illuminating Reproductive Worlds and Proliferating Human-Nonhuman Relations in the Research Lab and Fertility Clinic *Manon Lefevre, Yale University*

Response-able Relations In Experimental Diagnostics - Disease Detection Dogs As Screening Devices For COVID19 *Sanna Karoliina Vellava, University of Helsinki*

Discussant:

Anna Krzywoszynska

Chair:

Erika Amethyst Szymanski, Colorado State University

Session Organizer:

Marie F Turner, Colorado State University

255. Disciplinary boundaries of STS: reflecting on its current state and future trajectories

2:00 to 4:00 pm

Building A: A106

Participants:

Interdisciplinarity and its limits *Torsten H Voigt, RWTH Aachen University*

Los Sentidos en la Construcción del Conocimiento Periférico *Cristina Gabriela Flores, Universidad Nacional de la Patagonia Austral*

Media Technologies and Material Configurations of Scientific Communication *Phillip H. Roth, RWTH Aachen University;*

Alin Olteanu, RWTH Aachen University

The Absent Body: Recentering the Corporeal in STS by Thinking Through Yuyachkani's Theater *Val Arbonies-Flores, University of Illinois at Urbana-Champaign School of Information Sciences*

Discussant:

Miguel Muñoz Asenjo, Universidad Tecnológica Metropolitana

Chair:

Luciano Guillermo Levin, Universidad Nacional de Río Negro

Session Organizer:

Renato Ponciano, Universidad de San Carlos de Guatemala

256. Expanding the Cosmos I: Relations with, Recoverings of, and Resistances to Space Sciences and Outer Space

2:00 to 4:00 pm

Building A: A110

Participants:

Claiming the Lunar Base and Other Stories of Data

Infrastructures in Space *Yung Au, Oxford Internet Institute*

Historicizing the Neoliberalization of the Space Economy:

Iridium Satellites, SpaceX, and Speculative Capital *Reka Gal, Faculty of Information, University of Toronto; Arun Jacob, University of Toronto*

Rebuilding Trust in a Collective Future: Space as a Site of

Transformative Change *Frank Tavares*

Maintaining American Hegemony in Outer Space *Lisa Ruth Rand, Caltech*

Chair:

Lisa Ruth Rand, Caltech

Session Organizer:

Eleanor Armstrong, Stockholm University

257. Fieldstations in periphery territories. Bubble of science I

2:00 to 4:00 pm

Building A: A112

Participants:

Following The Birds? Remoteness, Field Stations and

Governance In Arctic Research *Mayline Strouk, The University of Edinburgh*

Mongolian Monsters: Soviet Paleontology At The Margins of

Empire *Reese Fulgenzi, The University Of Chicago*

Política exterior y redes público-privadas en la organización de

las relaciones tecnocientíficas de Estados Unidos con

América Latina: una aproximación a partir del Programa de

Investigación y Cultivo de Hevea (1920-1953) *Adriana Feld*

Discussant:

David DUMOULIN KERVRAN, Sorbonne Nouvelle

University - IHEAL

Chair:

David DUMOULIN KERVRAN, Sorbonne Nouvelle

University - IHEAL

Session Organizer:

Jérôme LAMY, CNRS

258. Geographies of Ignorance II: (Im)perceptible Dangers

2:00 to 4:00 pm

Building A: A202

Chair:

Lukey Ellsberg, Yale University

Session Organizer:

Abby Kinchy, Rensselaer Polytechnic Institute

259. Empresas, trabajadores/as, estructuras sociales y subjetividades en el capitalismo informacional II

2:00 to 4:00 pm

Building A: A204

Participants:

El Imaginario Socio-técnico Del Trabajo: Dirigentes Sindicales

Ante La Digitalización Del Puerto De Valparaíso *Daniel*

Brzovic Gaete

Extractivismo De Capacidades En El Sector De Software Y

Servicios Informáticos Argentino *Verónica Robert,*

CONICET – EIDAES/UNSAM; Nicolás Moncaut, CONICET

– EIDAES/UNSAM; Gabriel Baum, LIFIA-UNLP

Incorporación de nuevas tecnologías: los desafíos para las

formas arquetípicas de la organización del trabajo *Sonia*

Beatriz Roitter, Universidad Nacional de General

Sarmiento; Mariana Forencia Ortiz, Universidad Nacional

de General Sarmiento

The Danish Sociotechnical Imaginary Of The Platform

Economy And The Indispensability Of Migrant Labor

Konstantinos Floros, IT University of Copenhagen

Is A Sustainable Future for Data-Informed Technologies

Possible? A Lesson from Latin America *Julian Posada, Yale*

University

Chairs:

Carina Borrastero, CONICET / Universidad Nacional de

Córdoba

Natalia Berti, Universidad del Rosario

Session Organizers:

Mariano Zukerfeld, CONICET, Universidad Maimónides

Hernán Morero, CONICET, Universidad Nacional de Córdoba

260. Learning Infrastructures II

2:00 to 4:00 pm

Building A: A205

Participants:

Between platforms and AI: the role of privacy and data

protection for building the digital classroom in the post

pandemics *Alexandra Giannopoulou*

Web3 as future learning infrastructure? *Jeremy Hunsinger,*

Wilfrid Laurier University

Wikipedia's Hidden Infrastructures of Knowledge Production

Zachary J McDowell, University of Illinois at Chicago

Chair:

Jeremy Hunsinger, Wilfrid Laurier University

Session Organizer:

Zachary J McDowell, University of Illinois at Chicago

261. Multilingüismo, Geopolítica y Circulación del Conocimiento I

2:00 to 4:00 pm

Building B: B103

Participants:

Critical Plurilingualism in an Age of Anglophone Hegemony:

Theory and Practice *James Corcoran, York University;*

Karen Englander, University of Toronto

Cuidado que ahí vienen las publicaciones cuestionables

Jonathan Esteban Gordillo Sánchez, Pontificia Universidad

Javeriana y Universidad Nacional De Colombia

Geopolitics of Multilingualism in Scholarly Communication

and Research Evaluation: A European Perspective *Emanuel*

Kulczycki, Adam Mickiewicz University in Poznań

How balanced is multilingualism in scholarly journals? A global analysis using the DOAJ database *Gimena del Rio Riande, CONICET; Ivonne Lujano, Arizona State University; Tom Olyhoek, DOAJ*

Understanding the globalization of global research through multi-lingual semantic analysis. *Matías Federico Milia, ITAM - Instituto Tecnológico Autónomo de México; Rigas Arvanitis, Centre Population & Développement,*

Chair:

Pablo Von Stecher, UBA - Conicet

Session Organizer:

Lucía Céspedes, Centro de Investigaciones y Estudios sobre Cultura y Sociedad (CONICET-UNC)

262. Techno-human Narrations

2:00 to 4:00 pm

Building B: B105

Participants:

Madurai Mobilities: Examining gendered mobility through mobile media *Nirupama Jayaraman*

After the Leap: Renewing the 'Daily Soap' Industry in Post-Lockdown Mumbai *Sreenidhi Krishnan*

Filtering the Human Body: The Playful Labor of Producing Images on Social Media *Lakshita Malik*

Mediated Pollution - Platforming environmental communities *Padmapriya Vidhya-Govindarajan, New York University*

Chair:

Lakshita Malik

Session Organizer:

Nirupama Jayaraman

263. Science, Technology and the Collective Good: When and for Whom is Innovation Beneficial? II

2:00 to 4:00 pm

Building B: B108

Participants:

"Just Like Highways": Digital Public Goods And The Platformization of Finance in India *Snigdha Kumar, University Of Minnesota, Twin Cities*

Mission-oriented funding - a new role for innovation in society *Cecilie Hilmer, Science and Technology Studies, University College London*

Scaling frictions: Managing environmental data with citizen science cyberinfrastructure *Edward E Millar, Toronto Metropolitan University; Sarika Sharma, University of Texas-Austin*

Chair:

Sarika Sharma, University of Texas-Austin

Session Organizers:

Ilaria Galasso, University College Dublin

Susi Geiger, University College Dublin

264. The Algorithmic Translation of Expertise: Machine Learning and Expert Practices I: Areas and Cases

2:00 to 4:00 pm

Building B: B111

Participants:

Artificially Intelligent Science: AI Interlocutors in Scientific Laboratories *Joshua Silver, The University Of Chicago; Karin Knorr Cetina, University of Chicago*

Automating Expert Assessments of Scientific Publications

Maria del Rocío Fonseca Sasian, Humboldt Universität zu Berlin

Data Science Supplementing Agricultural Expertise? Environmental Precision, Quantification, and Data Products in French Agricultural Sciences *Jeanne Oui, Cornell University*

Displacing expertise through AI: designing a machine learning algorithm at the French Supreme Court of justice *Camille Girard-Chanudet, EHESS - Centre d'Etude des Mouvements Sociaux*

Discussant:

Gili Vidan, Cornell University

Chair:

Wanheng Hu, Cornell University

Session Organizer:

Wanheng Hu, Cornell University

265. The Meanings of Biometrics, and their Consequences II

2:00 to 4:00 pm

Building C: C010

Participants:

Self-tracking Algorithms and Gamified Biometrics: Problematic Knowledge-making and (Dis)embodied Practices *Li Zheng, Georgia Institute of Technology*

Supporting Agency in Self-Tracking: A Case Study of Wearable-Connected Apps for Diabetes Management *Rachel Tunis, The University of Texas at Austin*

Am I Who I Say I Am? Biometric Identification in Healthcare *Morgan Banville*

Automating Care: Online Food Delivery Work During the CoVID-19 Crisis in India *Tina Park, Partnership on AI; Anubha Singh, University of Michigan - School of Information*

Facing the Emotional Human: The Development of a New Mode of Observing the Face through FACS *Heewon Kim, Korea Advanced Institute of Science and Technology (KAIST)*

Chair:

Ranjit Pal Singh, Data & Society Research Institute

Session Organizer:

Michelle Spektor, Massachusetts Institute of Technology

266. What kinds of Knowledges and Infrastructures are Mobilized for Nuclear Renaissance?: Interpretations of Dis/Advantages and Social Mobilizations II

2:00 to 4:00 pm

Building C: C012

Participants:

Lessons from the Nevada-Semipalatinsk movement *Kulyash Zhumadilova, Virginia Tech*

Nuclear Safety: A Regulatory Approach for Nuclear Renaissance? *Misria Shaik Ali, Rensselaer Polytechnic Institute*

The Bataan Nuclear Power Plant: Penis, Pig, and Phantom *Benedict Salazar Olgado, University of California, Irvine*

Producing Gandhian defendants for Indian anti-nuclear dissent *Monamie Bhadra Haines, Technical University of Denmark - DTU*

Chair:

Aya Hirata Kimura, University of Hawaii

Session Organizer:

Aya Hirata Kimura, University of Hawaii

267. The Colonial Legacies of Biosciences and Big Data: Nativism, marginalisation, and biocoloniality in the era of surveillance capitalism I

2:00 to 4:00 pm

Building C: C105

Participants:

Computer Aided detection (CAD) for tuberculosis: a redemption tool for global health? *Pierre-Marie David*, Université de Montréal; *Julien Onno*, University of Montreal; *Faiz Ahmad Khan*, University Mc Gill

Genomic research and its imaginaries: A case study of the Southern African Human Genome Program *Adju Helen Akinwumi*, Simon Fraser University, Communication

Investable childhood: colonial exposures and epigenetic policy in settler colonial Australia *Jaya Keaney*, The University Of Melbourne, Australia

Postcolonial Nationalism and National Belonging in Pakistan's Genomics Initiatives *Tayyaba Zehra Jiwani*, Habib University

Chair:

Tayyaba Zehra Jiwani, Habib University

Session Organizer:

Ernesto Schwartz Marin, Exeter University

268. Bodies, embodiments & technology

2:00 to 4:00 pm

Building C: C108

Participants:

How Do Amputation and Limb Prostheses Reconfigure Bodies and Experiences? Insights From an Ethnography of Amputees' Rehabilitation and Daily Life *Lucie Dalibert*, University Claude Bernard Lyon 1; *Valentine Gourinat*, University Claude Bernard Lyon 1; *Paul-Fabien Groud*, University Claude Bernard Lyon 1

Irradiated Body Parts and Ecological Relationality after the Fukushima Nuclear Disaster *Ina Kim*, University of California - Irvine

Leaking milk, and falling hair. Embodied experiences and technological remaking's of becoming a mother to a dead child *Stine Willum Adrian*, Aalborg University

Plastic Masculinity: Analyzing Hegemonic Masculinity in times of Mediatization and Biomedicalization *Michael Nebeling Petersen*, University of Copenhagen, Faculty of Humanities; *Tobias Raun*, University of Roskilde

Science vs. Nature. Walking in the Uncanny Playground *Sara Casartelli*, Sapienza, University of Rome -- Department of Economic and Social Sciences

Chair:

Ina Kim, University of California - Irvine

Session Organizer:

Conference Chairs, 4S/ESOCITE

269. The Law and the Conflictive Reconfiguration of Collectives II

2:00 to 4:00 pm

Building C: C110

Participants:

The Challenge of Healthcare Innovation: How to Address the Issues of Regulating Unproven Therapy *Kayo Takashima*, Kyoto University; *Shibly Shahirier*, Uehiro Research

Division for iPS cell Ethics, Center for iPS Cell Research and Application, Kyoto University; Jusaku Minari, Kyoto University

The Impact of China's New Data Security Law and Personal Information Protection Law on Internet Research *Yiran Gao*, University of Illinois Urbana-Champaign

Mapping the conflictive space of AI regulation: four approaches to AI control *BILEL Benbouzid*, Université Paris Est Marne la Vallée

Chair:

Nicolas Baya-Laffite, Université de Genève

Session Organizer:

Nicolas Baya-Laffite, Université de Genève

270. Templates / Plantillas / Modelos II: Critical approaches to structures and spaces

2:00 to 4:00 pm

Building C: C204

Participants:

Building Templates, or Creole Metrology *Megan Eardley*, Princeton University

Hospital Architecture and the Templating of Expertise *Julie Zook*, Texas Tech University

Modeling uncertainty on the smart farm *Rolien Hoyng*, The Chinese University of Hong Kong

Transplanting "City in a Box": Neocolonial Export of Smart City Template from Songdo, South Korea To Thủ Đức City, Vietnam *Hyo Jung Kim*

Chair:

Diogo Pereira Henriques, Aarhus University

Session Organizer:

Aaron Shapiro, The University of North Carolina at Chapel Hill

271. Reimagining Pollution Data with the Environmental Data Justice Lab

2:00 to 4:00 pm

Building C: C207

Discussants:

Vanessa Gray, Technoscience Research Unit

Beze Gray, Technoscience Research Unit

Fernanda Yanchapaxi, OISE, University of Toronto

Chair:

Michelle Murphy, University of Toronto

Session Organizer:

Kristen Bos, University of Toronto

272. Unpacking Resources from an STS Perspective

2:00 to 4:00 pm

Building C: C210

Participants:

Resources and the Situatedness of Independent Work *Margaret C Jack*, Syracuse University School of Information Studies; *Ingrid Erickson*, School of Information Studies, Syracuse University; *Melissa Mazmanian*, University of California, Irvine

Aftermath: the long-term work of civic technology response to disaster *Robert Soden*, University of Toronto; *Sheyasha Paudel*, University of Toronto

The spatio-temporal politics of resources: Chinese bootcamps of "big tech talent" in the U.S *Yuchen Chen*

Reframing Resources in Virtual School Landscapes *Anne Elizabeth Jonas, Michigan State University*

Enlightenment as a Resource for Exclusion and Disruption: the Role of Vernacular Philosophies in the Technology World
Morgan G. Ames, CSTMS/School of Information, UC Berkeley

Discussant:
Melissa Gregg, Intel

Chair:
Ingrid Erickson, School of Information Studies, Syracuse University

Session Organizers:
Margaret C Jack, Syracuse University School of Information Studies
Melissa Mazmanian, University of California, Irvine

273. Exploring STS Through Play/Games I

2:00 to 4:00 pm
Building D: D003

Participants:
Exploitation in video games: Labor, remuneration settlement and consumption *Sifan Chen, Keio University; Nansong Zhou, New York University*
Interactive Fiction as a Tool for Imagining Alternate Futures in Space *Frank Tavares*
Playing With Soils: Co-Design And Evaluation Of A Board Game About Soil Pollution in Chile *Caleb Yunis, Universidad Alberto Hurtado*
Ethnographic Research And Game Design: Engaging Migrants In The Design Of Migration Infrastructures *Lorenzo Olivieri, University of Bologna*

Discussant:
Caleb Yunis, Universidad Alberto Hurtado

Session Organizer:
Aditya Anupam, Georgia Institute Of Technology

274. Studies of multispecies: Animals

2:00 to 4:00 pm
Building D: D005

Participants:
Kill and eat to preserve: the construction of the lionfish as a common enemy in the Mexican Caribbean *Pablo Sepulveda-Diaz, University of California Santa Barbara*
Mounting the Antelope: How the Early American Wild Became Information *Melissa Adler, Western University*
Mussolini's Cows. Incorporating race, technology, and ideology in cattle breeding practices during Fascism in Italy. *Daniele Valisena, Université de Liège (SPIRAL)*
Disembodiment and re-embodied discontinuousness: anthropocentrism transcended? – perspectives from lab-grown meat technology *Yu-cheng Liu, Soochow University*

Chair:
Daniele Valisena, Université de Liège (SPIRAL)

Session Organizer:
Conference Chairs, 4S/ESOCITE

275. Labor Tech Research Network Launch II: Unconference

2:00 to 4:00 pm
Building D: D008

Chairs:
Winifred Poster, Washington University, St. Louis

Stephanie Beth Jordan, Michigan State University

Session Organizer:
Winifred Poster, Washington University, St. Louis

276. Plantations and Epistemic Imperialism II: More-than-Human Knowledges in Monocultured Worlds

2:00 to 4:00 pm
Building D: D102

Participants:
A Plant That 'Cannot Live Alone': The Politics and Possibilities of Rendering the Oil Palm Technical *Alice Rudge, UCL*
Between Patch and Plantation: Extraction, Extinction, and Emergence in the Monocrop Zone *Sophie Marie Helene Chao, The University of Sydney*
In the Wake of the Plantation: Brazilian Scientists' Sugarcane Sustainability *Nicole Labruto, Johns Hopkins University*
Plant-People Commodifications and Post-Plantation Afterlives *Deborah Heath, Lewis and Clark College; Cristiana Bastos, University of Lisbon*

Chair:
Alyssa Paredes, University of Michigan - Ann Arbor

Session Organizers:
Sophie Marie Helene Chao, The University of Sydney
Kregg Hetherington, Concordia University

277. Studies of multispecies: Plants

2:00 to 4:00 pm
Building D: D105

Participants:
Biases In Taxonomy: The Case Of Arvenses And Semiwild Plants Flattened In Domestication Literature *Lev Jardón Barbolla, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM; Natalia Martínez Ainsworth, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM; Anayansi Sierralta Gutiérrez, Posgrado en Ciencias Biológicas, UNAM; Ana Laura Pérez Martínez, Posgrado en Ciencias Biológicas, UNAM; Aldo Palafox*
Contested Knowledges, Ontological Conflicts and Olive Trees in the Plantationocene: More-than-human Politics in the Xylella Fastidiosa Epidemic in Apulia, Southern Italy *Fabio Gatti, Wageningen University, NL*
The Year of the Mushroom: Fungal Ambiguity in the Study of Science and Society *Janita Van Dyk, University of Toronto*

Chair:
Janita Van Dyk, University of Toronto

Session Organizer:
Conference Chairs, 4S/ESOCITE

278. Disciplines and psy-knowledge in action

2:00 to 4:00 pm
Building D: D108

Participants:
Bricolage for a Troubled World: Chinese medicine and the Response to COVID 19 *Eric Karchmer*
Psychiatry, Chemical Imbalance, and Personhood *Rachel Guitman, STS Program, York University*
Science Labs and Social Lives: Social Identity and Experimental Practices in Psychology *Donald V Brown, The Graduate Center, City University of New York*

Unmasking the Face and the Return of Phrenology? *Søren Riis, Roskilde University*

Chair:

Søren Riis, Roskilde University

Session Organizer:

Conference Chairs, 4S/ESOCITE

279. Social and legal aspects of innovation

2:00 to 4:00 pm

Building D: D202

Participants:

Contribuições dos Estudos Sociais de Ciência e Tecnologia para o Ensino Jurídico: Propriedade Intelectual e Inovação
Sabrina Carvalho Verzola, Federal University of Amapá

La innovación de modelos de negocio en la era del big-data: una perspectiva desde la capacidad de la gestión del conocimiento
salvador Tapia Gutiérrez, uam x

O Parque Tecnológico nas cidades e comunidades sustentáveis
Luana Las Schaab, Universidade Tecnológica Federal do Paraná

Sustentabilidade nos processos de reaproveitamento da seda para fabricação de têxteis: o caso da empresa "O Casulo Feliz"
Patricia Gaspar, Universidade Tecnológica Federal do Paraná - UTFPR; Maclovia Corrêa da Silva, Universidade Tecnológica Federal do Paraná

Chair:

Patricia Gaspar, Universidade Tecnológica Federal do Paraná - UTFPR

Session Organizer:

Conference Chairs, 4S/ESOCITE

280. Technology, health and disability

2:00 to 4:00 pm

Building D: D205

Participants:

Assisted Living in the Life of the Mind: Crip Methods for Building Accessibility Networks for Neurodiversity, Thriving and Disorder in Academic Labour
T.L. Cowan, University of Toronto

Participation of the Deaf in Telecommunication Technologies: Here and There
Julieta Cuevas Parra

The Uncertainty of Illness Recovery: How We Transform When Full Recovery Is Not Guaranteed
Michelle Cowan, Texas Tech University

Chair:

Julieta Cuevas Parra

Session Organizer:

Conference Chairs, 4S/ESOCITE

281. Holding Complex Encounters: Relating in Difference I

2:00 to 4:00 pm

Building D: D207

Participants:

Sonic Encounters and Settler Colonial Perception in Urban Spaces
Angus Tarnawsky, Concordia University (Montreal, CANADA)

The Temporal Sensorium: Or How to Conduct a Life History Interview with an Oak Tree
Kristin Ann Peterson, UC Irvine

Failures in Knowing: Feeling Out a Radicle Empirical Plant Science
Kristin K Onzik, UC Davis Anthropology

Discussant:

Joseph Dumit, UC Davis

Chair:

Isabel De Rose, CNRS

Session Organizer:

Isabel De Rose, CNRS

282. STS between Centers & Peripheries I

2:00 to 4:00 pm

Building D: D208

Participants:

Inclusion In The 4S Community: Barriers, Biases, And Self-exclusion
Francesca Battista, Virginia Tech STS

The Sustainable Development Goals under the perspective of center-periphery relations: central countries dominating science agendas
Thais Aparecida Dibbern, University of Campinas (Unicamp); Milena Serafim, University of Campinas (Unicamp)

Internationalization of STS: mainstream editors and Latin Americans authors in the crossroad
Pablo Kreimer, CONICET; Noela Invernizzi, Universidade Federal do Paraná; Amílcar Davyt, Facultad de Ciencias / Universidad de la República; Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

Social Movements and Universities Facing Technological Dependency: a historical analysis over The Latin-American School of Agroecology (ELAA).
Iuri Michelan Barcat, UTFPR; Willian Lepinski, UTFPR; Mário Lopes Amorim, UTFPR

Chair:

Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

Session Organizer:

Pablo Kreimer, CONICET

283. Making science in public

2:00 to 4:00 pm

Building F: F012

Participants:

Science Media and Non-religious Identities: Affective engagement and its implications
Will Mason-Wilkes, University of Birmingham

Visual Cultures of CRISPR: Temporal and Generic Intermediality
Sandra Nelson, University of Sussex, UK; Kate O'Riordan, University of Sussex

What Does Public Engagement Mean to You? Mapping Diverse Meanings of Three U.S. Public Engagement Projects
Luke Della Grotte, University of Maryland College Park; Menal Shams, University of Maryland College Park; David Tomblin, University of Maryland, College Park

Will digital tools re-configure the publics participating in environmental science?
Catharina Landström, Chalmers University of Technology

Espiral da Cultura Científica: Expansão com a Visão Ibero-Americana de Apropriação Social de Ciência e Tecnologia
CIBELE MARIA GARCIA DE AGUIAR PEREIRA, Unicamp - Universidade Estadual De Campinas; Sergio Luiz Monteiro Salles-Filho, Universidade Estadual de Campinas - Unicamp

Science London: Critical reflections from an experimental feminist-STs training space
Eleanor Armstrong, Stockholm University; Rokia Ballo, University College London; Sophie

Ann Perry, Science Gallery Dublin

Chair:

Catharina Landström, Chalmers University of Technology

Session Organizer:

Noriko Hara, Indiana University

284. More-than-human Whiteness I

2:00 to 4:00 pm

Building F: F114

Participants:

Heritage with cows. Conserving (white) Nordic human and nonhuman animals *Charlotte H. Kroløkke, University of Southern Denmark*

Race and the Saurian in Paleontological Worlds *Yuka Suzuki, Bard College*

Races of Trees and the Sciences of Forest Plantations in the US South *Kevin Burke, University of Pennsylvania*

White Animals: Racializing Sheep and Beavers in the Argentinian Tierra del Fuego *Mara Dicenta, William & Mary*

Chair:

Tiago Saraiva, Drexel University

Session Organizers:

Mara Dicenta, William & Mary

Tiago Saraiva, Drexel University

285. Knowing the underground: Spatial and temporal depth beyond extractivism I

2:00 to 4:00 pm

Building F: F116

Participants:

Knowing the underground: machineries of digital oil *Eric Monteiro, Norwegian University of Science and Technology (NTNU)*

Knowledge Transitions For A Sustainable Urban Underground *Alexander Craig-Thompson, Uppsala University; Emmanuel Alofe, Uppsala University; Magdalena Kuchler, Uppsala University*

Rock Story: Making Public Spaces at War with the Shallow Underground *Roman Solé-Pomies, Center for the Sociology of Innovation - Mines ParisTech*

Rock-time: How geologists reconfigure Newtonian time in the context of the Anthropocene. *Helge Jordheim, University of Oslo*

Geologic Surveying as Surface-Subsurface Mediation: Critical Minerals and Settler-Colonial Technologies in Canada *Laura Pannekoek, Concordia University*

Governing the Value of the Underground: Multidimensional Geopolitics of Processing Centers in Artisanal Gold Mining *Mateo Rojas, Colorado School of Mines; Juan Lucena, Colorado School Of Mines*

Chairs:

Matthaeus Rest, MPI for Evolutionary Anthropology

Alessandro Rippa, Rachel Carson Center, University of Munich

Session Organizers:

Matthaeus Rest, MPI for Evolutionary Anthropology

Alessandro Rippa, Rachel Carson Center, University of Munich

286. The True Costs of Misinformation: The Politics and Ethics of Counting the Casualties of “Fake News”

4:30 to 6:30 pm

Building A: A004

Participants:

Networked Risks and Targeted Threats to Civil Society

Organizations in the United States *Joan Donovan, Harvard Kennedy School; Gabby Lim, Harvard University, University of Toronto; Jen Nilsen, Harvard University; Jonathan Corpus Ong, Harvard University, University of Massachusetts - Amherst*

Gendered disinformation: Methodological Challenges

Conducting Research on Women of Color Political Candidates *DeVan Hankerson Madrigal, Center for Democracy & Technology; Dhanaraj Thakur, Center for Democracy & Technology*

Emergent Technologies, Tissue Networks, and the Hope-Hype Cycle *Jen Nilsen, Harvard University*

Pro-Democracy Frontliners as Peripheral Precarious Workers: How Foreign Aid and Local Politics Fail Global South Digital Activists *Jonathan Corpus Ong, Harvard University, University of Massachusetts - Amherst*

Funds for Facts: The Dynamics of Philanthropic Relationships Between Google, Facebook, And Fact-Checking Organizations *Sarah Kay Wiley, University of Minnesota*

Discussant:

Joan Donovan, Harvard Kennedy School

Chair:

DeVan Hankerson Madrigal, Center for Democracy & Technology

Session Organizers:

Jen Nilsen, Harvard University

Gabby Lim, Harvard University, University of Toronto

Sarah Kay Wiley, University of Minnesota

287. Toward reunion: Conversations, criticisms, reconfigurations of ICTD

4:30 to 6:30 pm

Building A: A008

Participants:

Counterstorytelling for survivance: a technology co-design, co-development methodology for desettling and regenarratives for a decolonized future. *Rose Bigheart O'Leary, University of California, Irvine*

The design-reality gap twenty years later: recuperating a theory to reconfigure the ethico-political entanglements of ICTD *Jade Vu Henry, University College London (UCL)*

Artificial Intelligence for Development: A Case Study of AI4D in Kenya and Ghana *Yousif Hassan, York University*

Designing social Co-located Augmented Reality applications with youth through participatory design. *Richard Martinez, Informatics, UC Irvine*

Scientists Accidental: The Sustainable Development Paradox Exposed by Digital Brain Drain *Richard B Duque, State University of New York*

Chair:

Naveena Karusala

Session Organizers:

Lucy Pei, University of California, Irvine

Yvette Iribé Ramirez, University of Washington

Philip Garrison, University of Washington

288. Operational Media, Extraction and Environmental Control

4:30 to 6:30 pm

Building A: A102

Participants:

- From Military Base to Solar Park - The Role of Conversion Sites for Renewable Energy Futures *Michaela Büsse, Humboldt University Berlin*
- Scaling Sovereignty: the 'Energy Island' as Past and Future Political Territory *May Ee Wong, Aarhus University*
- Datified Earths *Solveig Qu Suess, FHNW Academy of Art and Design; Asia Bazdyrieva, independent scholar*
- Lithium Mining and Bathing Grounds: Operational Media in the Ore Mountains *Anastasia Kubrak, FHNW Academy of Art and Design*
- Ground Operations *Paolo Patelli, Aarhus University*

Discussant:

Johannes Bruder, FHNW Academy of Art and Design

Chair:

Johannes Bruder, FHNW Academy of Art and Design

Session Organizer:

Michaela Büsse, Humboldt University Berlin

289. Organisms and/as Technologies II

4:30 to 6:30 pm

Building A: A104

Participants:

- Making "wild beers" with local yeasts. Activities and co-adaptations. *Santiago Kaderian, CONICET*
- Tracing relations. Ethical encounters with *Physarum polycephalum* *Maria Debinska, Institute of Archaeology and Ethnology, Polish Academy of Sciences*

Discussant:

Anna Krzywoszynska

Chair:

Marie F Turner, Colorado State University

Session Organizers:

Maya Hey, Colorado State University
Erika Amethyst Szymanski, Colorado State University

290. State, Science and Health in Contemporary Taiwan

4:30 to 6:30 pm

Building A: A106

Participants:

- From Daubert Standard to "Reasonable Degree of Probability" in the Taiwan RCA Lawsuit: STSers' Struggle over Scientific Causation in Court from the 1990s to 2022 *Hsin-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies*
- Medico-Political Landscape of Health Technology Vaccine and Cross-Strait Politics *Wen-Hua Kuo, National Yang Ming Chiao Tung University*
- Trials and Scientific Evidence in Taiwan's Plasticizer Food Scandal *Tsung-Yen Tsou, Virginia Tech*

Discussant:

Michael M.J. Fischer, MIT HASTS

Chair:

Kim Fortun, University of California Irvine

Session Organizer:

Hsin-Hsing Chen, Shih-Hsin University Graduate Institute for Social Transformation Studies

291. Expanding the Cosmos II: Relations with, Recoverings of, and Resistances to Space Sciences and Outer Space

4:30 to 6:30 pm

Building A: A110

Participants:

- Empire, space science, and museums: Engaging and recovering these entanglements *Eleanor Armstrong, Stockholm University*
- Material Histories of the Autonomous Laboratory and the Fantasy of Automating Discovery *Maya Cruz, Stanford University*
- Unsettled Space: Epistemology As Praxis *Natalie Trevino, Open University (UK)*
- Geospatial Policing: A Critical Patent Analysis *Catherine McGowan, Rutgers University - New Jersey, USA*

Chair:

Natalie Trevino, Open University (UK)

Session Organizer:

Reka Gal, Faculty of Information, University of Toronto

292. Fieldstations in periphery territories. Bubble of science II

4:30 to 6:30 pm

Building A: A112

Participants:

- On the margins of technological innovation deployment: The sterile mosquitoes infrastructures to control (re-) emerging arboviruses in Reunion Island (France) and Chiapas (Mexico) *Kamil GHOUATI, Université Paris 8 Vincennes - Saint-Denis*
- Peripheries in industrialized countries: The Norwegian Arctic case and its implications for science and technology *Alin Ake-kob, Nord University*
- Work and Workers in Deserted Islands Scientific Bases. Cohabitation and Division of Labor in Kerguelen *Florence Ihaddadene, University Picardie Jules Verne; Maelezig Bigi, CNAM, Lise*

Discussant:

JAN VERLIN, ENS

Chair:

David DUMOULIN KERVRAN, Sorbonne Nouvelle University - IHEAL

Session Organizers:

JAN VERLIN, ENS
Jérôme LAMY, CNRS
David DUMOULIN KERVRAN, Sorbonne Nouvelle University - IHEAL

293. Intelligence-led policing: investigating the Dystopia

4:30 to 6:30 pm

Building A: A204

Participants:

- Producing Black Boxes: Technology, Policing, and the Excluded Public *Lian Song, University of California, San Diego*
- The double panopticon of POL-INTEL: digital law enforcement or analog policing as usual? *Vasilis Galis; Björn Karlsson, IT University Copenhagen*
- Big Data Policing in Denmark *Vasilis Vlassis, IT University of Copenhagen*
- Predictive policing in Sweden: The STATUS system case *Gorgos Mattes*

Chair:

Vasilis Vlassis, IT University of Copenhagen

Session Organizer:

Evangelia Papada, St. Andrews University

294. In the Name of the Digital: The New Frontiers of Extractivism in Latin America

4:30 to 6:30 pm

Building A: A205

Participants:

Extractivismo de datos, violencia y colonialidad *Paola Ricaurte, Tecnológico de Monterrey*

La "cuestión sobre los datos personales": extractivismos digitales, desafíos y tensiones en tiempos de pandemia y debate constitucional en Chile *Patricia Pena, University of Chile, Institute of Image and Communication*

Discussant:

Sebastián Lehedé, University of Cambridge

Chair:

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

Session Organizer:

Sebastián Lehedé, University of Cambridge

295. Multilingüismo, Geopolítica y Circulación del Conocimiento II

4:30 to 6:30 pm

Building B: B103

Participants:

Estrategias de Publicación Científica en la Periferia: Tensiones entre Autores y Revistas *Pablo Von Stecher, UBA - Conicet*

Injusto, Errado, Unfair? Scholars' Perceptions of Linguistic Injustice in the Latin American Scientific Field *Lucía Céspedes, Centro de Investigaciones y Estudios sobre Cultura y Sociedad (CONICET-UNC)*

Quebrando linguistic and cultural barriers through pedagogias inter-colaborativas *Mary Jane Parmentier, Arizona State University; Lindsay Adams Smith, Arizona State University; Martin Andrés Perez Comisso; Octavio Mucino-Hernandez, SFIS - Arizona State University; Danielle Kabella, ASU School of the Future of Innovation in Society; Jeanne Simon, Universidad de Concepcion; Tomás Javier Carrozza, Universidad Nacional de Mar del Plata- Facultad de Ciencias Agrarias; Maria Torres, Arizona State University*

Chair:

Lucía Céspedes, Centro de Investigaciones y Estudios sobre Cultura y Sociedad (CONICET-UNC)

Session Organizer:

Pablo Von Stecher, UBA - Conicet

296. Infrastructuring Race

4:30 to 6:30 pm

Building B: B105

Participants:

Epidermal Thinking and the Politics of Sunscreen *Jenny Brian, Arizona State University*

From Fordist Labor Control to Policing Surveillance: Surveillance as Racial Infrastructure in Modern Detroit *Alex Jiahong Lu, University of Michigan*

Markets for Whiteness: the Case of Ambi Fade Cream *Bhavna Shamasunder, Occidental College; Nicole Aimee Iturriaga, University of California Irvine; Leela Cullity, Occidental College; April Hovav, University of California at San Diego*

The White Lives of a Viral Envelope *Noemi Tousignant,*

University College London

White Noise: On the Torturous Technologies of Whiteness *Jas Rault, University of Toronto*

Chairs:

Jas Rault, University of Toronto

Bhavna Shamasunder, Occidental College

Session Organizers:

Noemi Tousignant, University College London

Jenny Brian, Arizona State University

297. The Algorithmic Translation of Expertise: Machine Learning and Expert Practices II: Issues and Perspectives

4:30 to 6:30 pm

Building B: B111

Participants:

Hidden Humans in the Loop: Investigating representations of data work in machine learning practice *Benedetta Catanzariti, Science, Technology and Innovation Studies, The University of Edinburgh; Sarah Bennett, University of Edinburgh*

Small Labels in Big Data: Medical Image Annotation and the Inscription of Expertise in Machine Learning *Wanheng Hu, Cornell University*

Unveiling the Black Box of AlphaGo: Interpretability and Transparency of Machine learning *JIUHENG HE, Cornell University STS*

Creative Abstraction: The powers of the false in algorithmic reason *Elizabeth de Freitas, Adelphi University*

Discussant:

Benjamin Lipp, Cornell University

Chair:

Benjamin Lipp, Cornell University

Session Organizer:

Wanheng Hu, Cornell University

298. The Meanings of Biometrics, and their Consequences III

4:30 to 6:30 pm

Building C: C010

Participants:

The Coloniality of Biometric Power in Uganda: A Policy analysis of the Ndaga Muntu *naigwe kalema, UCL Institute for Innovation and Public Purpose*

Biometric Constructions Of Emirati Histories, Futures, And Identity *Mary Michael, UCSB*

Digitizing difference: Aadhar and the new digital social contract in India *Pariroo Rattan*

Tribal Enrollment Cards (TECs) In The US: A Biometric Infrastructure *Mario "Ma'ii" Villa, Syracuse University, School of Information Studies; Carsten Østerlund, School of Information Studies, Syracuse University*

Destined to be a criminal: Biometrics, race, and predictions of criminality *Jona Zyfi, University of Toronto*

Chair:

Michelle Spektor, Massachusetts Institute of Technology

Session Organizer:

Ranjit Pal Singh, Data & Society Research Institute

299. Science, Technology and the Collective Good: When and for Whom is Innovation Beneficial? III

4:30 to 6:30 pm

Building C: C012

Participants:

- Citas Como Tecnología: Un Perjuicio a los Comunes *Pedro Reynolds-Cuellar, Massachusetts Institute of Technology; Marisol Wong-Villacres, Escuela Superior Politécnica del Litoral*
- Direct Potable Reuse – Chance or challenge for water justice? *Karen Moesker, PhD candidate*
- What Does It Take to Make a Global Collective Good? *Ilaria Galasso, University College Dublin; Susi Geiger, University College Dublin*

Chair:

Olya Loza

Session Organizers:

Ilaria Galasso, University College Dublin
Susi Geiger, University College Dublin

300. The Colonial Legacies of Biosciences and Big Data: Nativism, marginalisation, and biocoloniality in the era of surveillance capitalism II

4:30 to 6:30 pm
Building C: C105

Participants:

- Resurgent white nativist and ecofascist demographic anxieties: Appeals to demographic sciences and “realities” made in conjuring “The Great Replacement.” *Rajani Bhatia, University at Albany, SUNY*
- The Data Fix: Quantifying Structural Racism During COVID-19 and Beyond *Cal Garrett, University of Illinois at Chicago; Claire Decoteau, University of Illinois at Chicago*
- The net worth of Mexican “indigenous DNA”: genomics, (bio) economy and the sovereign making of ancestry *Ernesto Schwartz Marin, Exeter University*
- All eyes on me: The harms of hyper-surveillance software during online science assessments *Nadia Qureshi, OISE, University of Toronto*

Chair:

Ernesto Schwartz Marin, Exeter University

Session Organizer:

Arely Cruz Santiago, Exeter University

301. Templates / Plantillas / Modelos III: Theorizing spatial and urban forms

4:30 to 6:30 pm
Building C: C204

Participants:

- Searching for Neon Templates in Asia and Europe *Diogo Pereira Henriques, Aarhus University*
- Addressing Absence – Tagging People on the Google Maps Template *Rebecca Noone, University College London*
- Tilting The Balance: From Censorship To Freedom Of Speech *Mwai Daka, University of Gloucester*
- Templatization: In summary *Aaron Shapiro, The University of North Carolina at Chapel Hill*

Chair:

Aaron Shapiro, The University of North Carolina at Chapel Hill

Session Organizer:

Jessa Lingel, University of Pennsylvania, Annenberg School for Communication

302. Participatory Design in Sustainability Projects

4:30 to 6:30 pm
Building C: C207

Participants:

- Permaculture Design and its Interactions with Scientific Imaginaries *Jose Perillan, Vassar College; Joseph Lanning, School for International Training, Graduate Institute*
- RuralLabs as scenarios for reunion and re-design. *Juan David Reina Roza*
- Reconfigurations of Community-Engaged Research: Participatory & Digital Methods in a Refugee Camp *Negin Dahya, University of Toronto; Cansu Ekmekcioglu, University of Toronto*
- Making Things for Better Economies: Induced Performativity and Actor-Network Repair-Design *Koray Caliskan, The New School*

Chair:

Maaz Gardezi, Virginia Tech

Session Organizer:

Edward Prutzer, Virginia Tech

303. Exploring STS Through Play/Games II

4:30 to 6:30 pm
Building D: D003

Participants:

- Making/Meat/Matter: A Tabletop Role-Playing Game *Melina Campos Ortiz, Concordia University; Ali Kenefick, Concordia University; Hanine El Mir, Concordia University*
- Public Engagement in Social Media Policy Through Game Play: A Citizen Panel Case Study *Anna Lenhart, University Of Maryland College Park; Sarah Gilbert, Cornell; Katie Shilton, University of Maryland, College Park*
- The Place of Play in Nanotechnoscience Education and Governance *Nicholas Surber, Chalmers University of Technology; Karl Palmås, Chalmers University of Technology*
- Promises and Challenges of Games as Mediators of Social Change *Aditya Anupam, Georgia Institute Of Technology*

Chair:

Aditya Anupam, Georgia Institute Of Technology

Session Organizer:

Aditya Anupam, Georgia Institute Of Technology

304. Knowledge transfer

4:30 to 6:30 pm
Building D: D008

Participants:

- Políticas De I+I En El Uruguay Del SXXI: “Impulsos y Frenos” En Una “Sociedad Amortiguadora” *Amilcar Davyt, Facultad de Ciencias / Universidad de la República; Carlos Bianchi, Profesor de Economía, Facultad de Ciencias Económicas, Universidad de la República*
- Políticas públicas educacionais voltadas à inovação na cidade educadora- Curitiba *Zuliane Keli Bastos, UTFPR- Universidade Tecnológica Federal do Paraná; Silvestre Labiak JR., UTFPR / PPGTE; Shana Gonçalves Oliveira, UTFPR / PPGTE*
- Políticas públicas para la transición sustentable del sector agroalimentario en Argentina. El caso del Programa de Buenas Prácticas Agropecuarias de la Provincia de Santa Fe. *Lucía Sanchez Deicas; Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes*

“Aceleradora de Negocios Biotecnológicos UNAM-HIDALGO”: la apuesta para producir vacunas contra el Covid-19 en México *Raul Abraham Lopez Martinez*
Motivaciones, Estrategias y Capacidades Tecnológicas para la adopción de la Industria 4.0 en México. *Maribel García Barrientos, UAM XOchimilco*
Generación de capacidades tecnológicas y construcción del sistema eléctrico argentino. Análisis del desarrollo tecnológico de las empresas nacionales del sector eléctrico (1947-1991) *Emilia Ruggeri, Conicet/Universidad Nacional de Quilmes; Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes*

Chair:

Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes

Session Organizer:

Maribel García Barrientos, UAM XOchimilco

305. Plantations and Epistemic Imperialism III: The Plantation Form as Ideology

4:30 to 6:30 pm

Building D: D102

Participants:

Must the Plantation be Large and Contiguous? *Juliet Nadeau Lu, The University of British Columbia*

Plantation Liberalism: Private Property as Imperial Episteme in the Philippine Colonial Present *Alyssa Paredes, University of Michigan - Ann Arbor*

The Plantation City: Singapore, Control, and the Purpose of Development *Stuart Strange, Yale-NUS*

What Are Complaints of Villagers about Oil Palm Expansion in Indonesia? *Afrizal Afrizal, Universitas Andalas*

When the Plantation University Talks Back *Kregg Hetherington, Concordia University*

Chair:

Sophie Marie Helene Chao, The University of Sydney

Session Organizers:

Kregg Hetherington, Concordia University

Alyssa Paredes, University of Michigan - Ann Arbor

306. Disasters, risks, and catastrophes

4:30 to 6:30 pm

Building D: D105

Participants:

Ontological Politics Of Forest Fire Management In India *kapil yadav, Kings College London/ Leverhulme Centre for Wildfires, Environment and Society*

Realidades Apartes: ¿Qué Significan Incertidumbre, Ambivalencia y Polifonía para la Sociedad Moderna? *Andreas Metzner-Szigeth, Free University of Bolzano*

The Figures and the Disaster: Controversy over the Stability of Sewol Ferry and Disaster Frames *Jungha Hwang, Seoul National University, Republic of Korea*

Rachel Blau DuPlessis's Late Work: Old Age and the Environmental Apocalypse *João Paulo Guimarães*

Discourses of Risk and the Shaping of Technology Ethics Work *Richmond Y Wong, Georgia Institute of Technology*

Chair:

Jungha Hwang, Seoul National University, Republic of Korea

Session Organizer:

Conference Chairs, 4S/ESOCITE

307. (In)visibilizing Racism in Cryptoracial Societies: Categories, Bodily Markers, and Transcription Devices, from Technoscience to Social and Health Policy

4:30 to 6:30 pm

Building D: D108

Participants:

Who Counts in Official Statistics? An Ethical-Epistemic Analysis of Racial/Ethnic Categorisations in Germany *Saana Jukola, Ruhr University Bochum*

On Indigenous and Mestizo Microbes: Cryptoraciality in Human Microbiome Research *Jan Baedke, Ruhr University Bochum*

Taking the Measure of Racism: Skin Tone Technologies and Their Effects, from Socioeconomic Surveys to Societal Discourses *Sarah Abel, British Academy Postdoctoral Fellow, Centre of Latin American Studies, University of Cambridge*

Becoming Prietx: The ‘Bolsa de Talento Racializado’ as a Race-making Technology *Abigail Nieves Delgado, Utrecht University, Utrecht, The Netherlands*

The Diet of the Poor: Food Interventions and Raciclassism in the Second Half of the 20th Century *Joel Vargas-Domínguez, DIE, Cinvestav*

Chair:

Abigail Nieves Delgado, Utrecht University, Utrecht, The Netherlands

Session Organizer:

Abigail Nieves Delgado, Utrecht University, Utrecht, The Netherlands

308. Social Movements and STS

4:30 to 6:30 pm

Building D: D202

Participants:

Co-production of Climate Policy: Youth Climate Movement within the Argentinean Extended Peer Community *Roque Pedace, Universidad de Buenos Aires; Maria Elina Estebanez, Universidad de Buenos Aires; Jorgelina Sannazzaro, Centro de Estudios sobre Ciencia, Desarrollo y Educación Superior (Centro asociado al CONICET)*

#ElDerechoADefenderDerechos. Los Roles Del Estado y La Sociedad Respecto De La Garantía De Derechos De Quienes Viven La Guerra En Colombia En El Marco Del Litigio Estratégico *Sindy Castro Herrera, Dejusticia*

Justicia bajo sus propias Manos *Laura Milena Segovia*

Transición agroecológica en la agricultura mexicana desde un abordaje del constructivismo social de la tecnología *José Francisco Avila Castañeda, Universidad Autónoma Chapingo; Yolanda Castañeda Zavala, Universidad Autónoma Metropolitana*

From Surveillance to Recognition: 2020 U.S. Census Counting in the Language of Visibility *Hannah Obertino-Norwood, University of Chicago Crown Family School of Social Work, Policy, and Practice*

Chair:

José Francisco Avila Castañeda, Universidad Autónoma Chapingo

Session Organizer:

Conference Chairs, 4S/ESOCITE

309. Holding Complex Encounters: Relating in Difference II

4:30 to 6:30 pm
Building D: D207
Participants:

Future Ayahuasca Care Spaces: An Experimental Speculative Exercise *Emilia Sanabria, CNRS - CERMES3; Piera Talin, CNRS - CERMES3; Isabel De Rose, CNRS; Pietro Camila de Pieri Benedito, CNRS*

Justiça epistêmica e enfrentamento aos negacionismos: duas agendas paralelas? Lideranças de comunidades marginalizadas pesquisando seus próprios territórios (NE/Brasil) *Ana Gretel Echazú Böschemeier; Breno S. Carvalho, UFRN*

Suscitar um encontro: a arte do acontecimento *Edgar Rodrigues Barbosa Neto, Federal University of Minas Gerais (UFMG)*

Chair:

Emilia Sanabria, CNRS - CERMES3

Session Organizer:

Isabel De Rose, CNRS

310. STS between Centers & Peripheries II

4:30 to 6:30 pm
Building D: D208

Participants:

Consolidação de Grupos Hegemônicos e Deslocamento da Gestão Financeira e Sociopolítica no Programa Capes-PrInt *Victor Luiz Alves Mourao, Federal University of Viçosa (UFV-Brazil); DANIELA ALVES DE ALVES, Universidade Federal de Viçosa*

De-centering STS: The view from Aotearoa New Zealand *Courtney Addison, Victoria Uni of Wellington; Nanyantara Sheoran Appleton, Victoria University of Wellington*

How Is Fiction Responding To Science Of The Periphery? A Closer Look At The Indian Detective Narrative *Pratiti -, University of California Berkeley*

Infrastructures Of Postcolonial Modernity: The Cultural Politics Of Climate Modeling In India *Andra Sonia Petrutiu, Cornell University*

Playing With 'Giants': Fieldwork In Mongolia As Production Of 'Stabilized Actant' *Irina Popravko, Laboratory for Social and Antropological Research*

Chair:

Noela Invernizzi, Universidade Federal do Paraná

Session Organizer:

Pablo Kreimer, CONICET

311. More-than-human Whiteness II

4:30 to 6:30 pm
Building F: F114

Participants:

Repatriated Lions and Rehabilitated Orangutans: White Supremacy and Animal Advocacy in South Africa and Southeast Asia *Juno Salazar Parrenas, Cornell University, Department of S&TS*

The Shitty Affairs of British Colonialism in Malaya: Agricultural experimentations as race-based livestock interbreeding *Aida Arosoaie, UW-Madison*

White Oranges: Cloning and the Ruins of Capitalism in the Global South *Tiago Saraiva, Drexel University*

Whitening the beehive: Modern Apiculture and the Breeding of *Apis mellifera* during the 20th Century in the Yucatán Peninsula, México *Angelica Marquez-Osuna, Harvard*

University

Chair:

Mara Dicenta, William & Mary

Session Organizers:

Tiago Saraiva, Drexel University

Mara Dicenta, William & Mary

312. Knowing the underground: Spatial and temporal depth beyond extractivism II

4:30 to 6:30 pm
Building F: F116

Participants:

Sensing Faultlines: Earthquake Alerts Systems, Slope Stability Radars and the Crisis Temporalities of Moving Rocks *Maria Paz Almenara, New York University*

Shaking Knowledge, Shaky Knowledges: Articulations Of Land Subsidence And Extractivism In Groningen And Semarang *Marie Valérie Belland, University of Amsterdam - AISSR; Hannah Porada, University of Amsterdam*

"The limits to tell a story": Emerging frontiers and unexpected undergrounds following earth system science practices. *Martin Fonck, Institute For Advanced Sustainability Studies, Potsdam*

Working on the Farm or in the Hole: Vertical Geopolitics of Rural Colombian Livelihoods *Casey Gibson; Jessica M Smith, Colorado School Of Mines*

Toiling the Land (Below): Subterranean Farming and the Repurposing of Extractive Infrastructure *Zsuzsanna Dominika Ihar, University of Cambridge*

Expertises and mapping reconfiguring the (under)ground: The Morelos Pipeline *Jessica Malinalli Coyotecatl Contreras, University of California, Santa Barbara*

Chairs:

Alessandro Rippa, Rachel Carson Center, University of Munich

Matthaeus Rest, MPI for Evolutionary Anthropology

Session Organizers:

Alessandro Rippa, Rachel Carson Center, University of Munich

Matthaeus Rest, MPI for Evolutionary Anthropology

313. Banquet

7:30 to 10:30 pm
Gymnasium: Gymnasium

Session Organizer:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

SATURDAY, DECEMBER, 10

314. Entangling digital inequalities and upheavals

8:30 to 10:30 am
Building A: A004

Participants:

The Privacy and Security Divide. Exploring Some Class Aspects of Digital Inequalities *Anastassija Kostan, Max Planck Institute for Security and Privacy*

Whose Culture is Transmissible?: Untangling the Technopolitics of Territory within Collaborative Online International Learning *Timothy D Reedy, University Of Maryland College Park; Matthew Aruch, University Of Maryland College Park*

For the People or “Progress”? Interrogating Interest in Algorithmic Literacy *Kelley Cotter*
Labor resistance and ICTs *Christian Sperneac-Wolfer, Institut für Sozialforschung*
Platforms in the City: Hybrid Infrastructures Between Inclusion and Inequality *Parijat Chakrabarti, Princeton University*

Chair:

Matthew Aruch, University Of Maryland College Park

Session Organizer:

Anastassija Kostan, Max Planck Institute for Security and Privacy

315. Engaging From The Peripheries: Reconfiguring Approaches And Practices Within Socio-Technical Research

8:30 to 10:30 am

Building A: A008

Presenters:

Kentaro Toyama, University of Michigan

Negin Dahya, University of Toronto

Kishonna Gray, University of Kentucky

Sasha Costanza-Chock, Associate Professor Civic Media

Chair:

Belén Giménez Ciciolli, University of Siegen

Session Organizers:

Sarah Rüller, University of Siegen, Germany

Konstantin Aal, University of Siegen

316. Epistemic injustice, social practices of oppression and privilege in the invisibility of the production of knowledge in women I

8:30 to 10:30 am

Building A: A012

Participants:

Behavioral settings and ecological reasonings *Melina Gastelum, Universidad Nacional Autonoma De Mexico*

Como as perspectivas feministas podem ajudar a formar melhores cientistas no Brasil? *Mariana Brasil Ramos, Universidade Federal de Santa Catarina; Patricia Giraldi, Universidade Federal de Santa Catarina*

“Cuestionando el Descrédito: Sobre las Asociaciones Implícitas en Procesos de Salud Sexual y Reproductiva *Rebeca Granero Ferrer, Universitat de Valencia*

Epistemic Injustice, Clinical Encounters, and Biomedicine : Examining the case of Women’s Pain *Jaya Mathur*

Chair:

Xenia Anaïd Rueda, UNAM

Session Organizer:

Xenia Anaïd Rueda, UNAM

317. Interacciones Universidad-Entorno I

8:30 to 10:30 am

Building A: A102

Participants:

Algunas Propuestas Teórico-Metodológicas para Pensar las Relaciones Universidad-Entorno *Mariana Eva Di Bello, CONICET - UNQ- UNLP; Pablo Gabriel Sánchez Macchioli, CONICET IESCT UNQ; Fernanda Andrea Soca, CONICET Universidad Nacional de Quilmes; Lucía Ana Romero, CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes*

El cannabis medicinal y terapéutico en la universidad argentina actual: el caso del CIM UNLP *Lucía Ana Romero,*

CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes; Oscar Eduardo Aguilar, CONICET - Instituto de Estudios sobre la Ciencia y Tecnología, Universidad Nacional de Quilmes

Interacción Universidad-Entorno. El caso del Centro NanoMat de la Universidad de la República, Uruguay *Gabriel Barrero, Universidad de la República (Uruguay); Amílcar Davyt, Facultad de Ciencias / Universidad de la República; Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes*

La universidad como promotora del desarrollo de sistemas embebidos abiertos en contextos semi periféricos: el caso del proyecto Computadora Industrial Abierta Argentina. *Luciana Monica Guido, CEUR CONICET; Mariana Versino*

Vinculación y Transferencia de Conocimientos Universitarios: Tendencias en Enfoques Teórico-metodológicos y Temáticas de Investigación *Malena Méndez Isla; Mariana Versino*

Chair:

Amílcar Davyt, Facultad de Ciencias / Universidad de la República

Session Organizer:

Mariana Eva Di Bello, CONICET - UNQ- UNLP

318. Reconfiguring “Ground:” Elemental Choreographies in Earthly Surfaces and Depths I

8:30 to 10:30 am

Building A: A104

Participants:

Jade and the construction of the Mesoamerican past (and present). An archaeology of a geologist’s fieldnotes *Miruna Achim, Universidad Autonoma Metropolitana Cuajimalpa*

Life Itself: Darwin, Patagonia, and the Coming Catastrophe *Carlota McAllister, York University*

Society is Matter out of Place: Messiness and Purification on a Mountain of Gold *Elizabeth Ferry, Brandeis University*

Rough Topographies: Grounding the History of Oil Extraction in Mexico’s Gulf Coast *Monica Salas Landa, Lafayette College*

The Gardens of Emeralds: Paradoxes in Scientific Ways of Stare the Depths of Colombian Emeralds *Vladimir Caraballo Acuña, Instituto Colombiano de Antropología e Historia*

Chair:

Gabriela Zamorano, El Colegio de Michoacan

Session Organizers:

Sandra Rozental, Universidad Autonoma Metropolitana

Miruna Achim, Universidad Autonoma Metropolitana Cuajimalpa

319. Monsters, Cyborgs, Humans: Trans STS and the Reassembly of Science and Technology I

8:30 to 10:30 am

Building A: A106

Participants:

Mad(e) monsters: Transgender madness and post-humanist subversions of monstrosity *W. Ariel Gould, Dalla Lana School of Public Health, University of Toronto*

"Transgender Questions, Transgender Answers": Comparing In-Community Knowledges By/For Transgender People with Institutional Research About Transgender People *Claire McDonald, The Information School, University of Washington*

Monstrous Affinities and Theorizing Structural Oppression

Beck Corby

Discussant:

Tristan Gohring, Indiana University - Bloomington

Chair:

Beck Corby

Session Organizer:

Tristan Gohring, Indiana University - Bloomington

320. Power After AI I: Organizing spaces in the Age of Intelligent Machines

8:30 to 10:30 am

Building A: A110

Participants:

Assembling AI Cities in Taipei and Yokohama *Sung-Yueh Perng, National Yang Ming Chiao Tung University; Tsu-Hsiang Chang, National Yang Ming Chiao Tung University, Taiwan*

Black Box Privacy: The Anti-Response-Ability of Data Deletion As A Privacy Solution *M.R. Sauter, University of Maryland, College Park*

The Turn to 'Disruptive Innovation': A Case Study of the UNHCR *Alphoncina Lyamuya, Annenberg School for Communication & Journalism, University of Southern California*

Network Ideology and Infrastructural Subjectivity in 5G *Niels ten Oever, University of Amsterdam*

'Cleaning' Data: The reproductive labor of curation *Will Orr, Annenberg School for Communication & Journalism, University of Southern California*

Chair:

Sophie Toupin, Concordia University (Montreal, CANADA)

Session Organizer:

Fenwick McKelvey, Concordia University (Montreal, CANADA)

321. Reconfigurations in Education Research: EDU-STS as an Emerging Field I. Reconfiguraciones en la investigación educativa: EDU-STS como campo emergente I

8:30 to 10:30 am

Building A: A112

Participants:

Fix intentions; Fix the world. Unintended Consequences as Power in Teaching Tech Ethics *Gabriel Medina-Kim, Rensselaer Polytechnic Institute*

"Scientifically Based Research": Objectivity as a mode of social organization *Shenghe Ye, The University Of Chicago*

Contributions of Polytechnic Education to the STS Field: First Approximations *Lucas Barbosa Pelissari, Instituto Federal de Educação, Ciência e Tecnologia do Paraná*

Seeing 'Air': Epistemic Infrastructure and Pedagogies of Inversion *Jais Brohinsky, University of Wisconsin-Madison*

The h-Index, Surveillance and Materialisation of Information in Higher Education *Lesley Gourlay, UCL INSTITUTE OF EDUCATION*

Chairs:

Elin Sundstrom Sjodin, Malardalen University, Sweden
Radhika Gorur, Deakin University

Session Organizer:

Lesley Gourlay, UCL INSTITUTE OF EDUCATION

322. Reconfiguring engineering studies... [to what ends?]

8:30 to 10:30 am

Building A: A202

Participants:

¿Cómo estudiamos la brecha de género en ingeniería? *Andrea Vera-Gajardo, Universidad de Valparaiso*

Engineering the Future of Work?: Engineers, Robots, Workers *Yunus Dogan Telli, Worcester Polytechnic Institute*

Hybrid engineering: An auto-ethnographic story of hybrid curriculum development, learning, and teaching *Eunjeong Ma, Pohang University of Science and Technology*

The Abnormal Club: How Electronics Engineers Animated Two Taiwans *Kuo-Hui Chang, National Taiwan University; Gary Downey, Virginia Tech; Po-Jen Shih*

The reconfiguration of the engineering curriculum through Buen Vivir and Engaged Engineering *Sandra Milena Bonilla, UTP; Juan David Reina Rozo; Alexei Ochoa-Duarte, Universidad Nacional de Colombia*

Reverse Engineering Reverse Engineering: an Ethics of Media Arts Maintenance and Conservation *Ezra Teboul, CIRMMT, McGill University*

Chairs:

Vivian Anette Lagesen, NTNU

Jessica M Smith, Colorado School Of Mines

Session Organizers:

Vivian Anette Lagesen, NTNU

Jessica M Smith, Colorado School Of Mines

323. Relations Between STS and Education for Sustainable Development (ESD) I

8:30 to 10:30 am

Building A: A204

Participants:

As Hortas Comunitárias nos espaços escolares no Programa Comunidade Escola no Município de Curitiba *Ligia Marcelino Krelling, Universidad Tecnológica Federal del Paraná (UTFPR); ELOY FASSI CASAGRANDE JR, UTFPR*

Educación Para Una Transición Justa Hacia la Sustentabilidad Desde La Perspectiva De Las Juventudes *Jorgelina Sannazzaro, Centro de Estudios sobre Ciencia, Desarrollo y Educación Superior (Centro asociado al CONICET); Pablo Aránguiz, Universitat Politècnica de València*

Exploring Distinct Sustainable Development Strategies: How Do They Recombine Technology and Culture? *Andreas Metzner-Szigeth, Free University of Bolzano*

Chair:

Andreas Metzner-Szigeth, Free University of Bolzano

Session Organizer:

Andreas Metzner-Szigeth, Free University of Bolzano

324. Repair Imaginaries: envisioning and enacting better relations in imperfect worlds I

8:30 to 10:30 am

Building A: A205

Participants:

Care methodologies to evaluate and advance just perennial transitions in agriculture *Amy Teller, University of Minnesota; Tara Conway, University of Minnesota; Aubrey Streit Krug, The Land Institute*

Fixing for Change: Stories of Information and Aspiration at Local Repair Initiatives *Michelle Kaczmarek, The University*

of British Columbia

Kaienti:io Marina Zafiris, Cornell University

Chair:

Alissa Centivany, University of Western Ontario

Session Organizers:

Michelle Kaczmarek, The University of British Columbia

Alissa Centivany, University of Western Ontario

325. Seeking Arrangements: Transactional Care in Machine-Mediated Worlds I

8:30 to 10:30 am

Building B: B103

Participants:

Assembling Scapegoats: The Sexbot as Technocare Surrogate

Alyson K. Spurgas, Trinity College

Do Sex Robots Dream...of Revolution? *Robyn Lee, University*

of Alberta

Making Nüzhubo: Commodified Intimacy and Gendered

Labour in Chinese Live/Life Streaming *Jingyi Gu, The*

Institute of Communications Research, University of Illinois

Urbana-Champaign

Making Work Human: People Analytics, Affect, and the Future

of Work *Odalis Garcia Gorra, University of Texas at Austin;*

Iván Chaar López, The University of Texas at Austin;

Victoria Sánchez, Border Tech Lab, University of Texas at

Austin

Chair:

Beth Semel, Princeton University

Session Organizer:

Mitali Thakor, Wesleyan University

326. Social Care I

8:30 to 10:30 am

Building B: B105

Participants:

Shifting Practices of Care with Data and Digital Systems: A

Case Study from Immigration and Settlement Services in

Canada *Saguna Shankar, The University of British Columbia*

The Infrastructure of Last Resort: Logistics and Translation in

Homeless Services *Pelle Tracey, University of Michigan;*

Patricia Garcia, School of Information, University of

Michigan

Accountability and neglect in UK social care innovation *Cian*

O'Donovan, University College London

Chair:

Cian O'Donovan, University College London

Session Organizer:

Cian O'Donovan, University College London

327. Theorizing the Human and their Surround after the Microbiome

8:30 to 10:30 am

Building B: B111

Participants:

Alive Together: Symbiosis as Multispecies Cooperation Across

Biomes and Microbiomes According to Lynn Margulis *Sofia*

Varino, University of Potsdam

Microbiome Malleability and Ecological Thinking *Jane*

Dryden, Mount Allison University; Drew Inkpen, Mount

Allison University

What Is Microbiomish? Connecting Principles For Microbiome

Community Structure To Practices For Multispecies

Relations *Erika Amethyst Szymanski, Colorado State*

University; Marie F Turner, Colorado State University

The microbiome multiple: DTC Microbiome tests in social

media worldings of health and biomedicine. *Massima*

Armani, York University; Sandra Widmer, York University,

Canada

The Necrobiome, A Reunion of Surroundings *Lee Claiborne*

Nelson

Discussants:

Samara Brock, Yale University

Alison Renna, Yale University

Chairs:

Samara Brock, Yale University

Alison Renna, Yale University

Session Organizers:

Erika Amethyst Szymanski, Colorado State University

Samara Brock, Yale University

328. Critical Studies of Innovation I

8:30 to 10:30 am

Building C: C010

Participants:

Bringing Semiconductors Back to America? Innovation in
Rustbelt Regions *Marlise Schneider, MCTS - Munich Center*
for Technology in Society (TUM)

Innovation without growth: Science, technology and Innovation

in a post-growth era *mario pansera, Universidade de Vigo*

Reimagining the "world's barn". Innovation in the bioeconomy

as a model for development in Argentina *Gabriela Bortz,*

IESCT-UNQ (Institute of Science and Technology Studies -

Universidad Nacional de Quilmes) / CONICET

The new whole state system: Reinventing the Chinese state to

promote innovation *Tu Lan, University of New Hampshire;*

Lin Zhang, 34 Tideview Dr

Chair:

Noela Invernizzi, Universidade Federal do Paraná

Session Organizer:

Carolina Bagattolli, UFPR - Federal University of Paraná

329. Geographies of Ignorance II: (Non) Sensing Remotely

8:30 to 10:30 am

Building C: C012

Participants:

Feminist and Ethnic Studies Critiques of the Search for Life on

Mars and the "Unknown Green Monster Problem" *Maya*

Cruz, Stanford University

Finding My Way: From the Digital Atrophy of Navigation to

the Discovery of Humanistic Infrastructure *Elizabeth Le,*

University of Texas at Austin

Ground, but Illicit, Truth: Satellite Surveillance, Scale, and

Ignorance as Agrarian Resistance in Indonesia *Jenny Elaine*

Goldstein, Cornell University

Addressing Data Gaps: Ecological Inference and the Production

of Ignorance in Alberta, Canada *Sarah Blacker, York*

University

Chair:

Abby Kinchy, Rensselaer Polytechnic Institute

Session Organizer:

Scott Frickel, Brown University

330. Mesa redonda: Patchwork cartográfico socioambiental, prótesis epistémicas para co-laborar

8:30 to 10:30 am

Building C: C105

Presenters:

Victoria D'hers Stefano, Instituto de Investigaciones Gino Germani, Universidad de Buenos Aires

Eunice Herrera Aguilar, ENES Morelia, UNAM

Diana Manrique Ascencio, ENES Morelia, UNAM

Chair:

Chantal Garduño Israde

Session Organizers:

Marcela Morales Magaña, Escuela Nacional de Estudios Superiores Morelia, UNAM

Columba González-Duarte, Mount Saint Vincent University

331. Climate Infrastructures I: Thinking with Carbon, Markets, and Governance

8:30 to 10:30 am

Building C: C108

Participants:

Anxiety and the arts of maintaining premium carbon infrastructures *Timothy Neale*, Deakin University

Decarbonizing the language of the grid *Daniel Breslau*, Virginia Tech

Climate Futures and Infrastructures in Amazonia *Sylvia Rocio Cifuentes*, Mount Holyoke College

Remote sensing for the insurance industry: selling various climate risk rationalities *Aguiton Angeli Sara*, EHESS CAK Centre Alexandre Koyré

On the many shades of green: Exploring green hydrogen narratives in Chilean environmental policy *Sebastian Ureta*, Universidad Alberto Hurtado; *Tomas Ariztia*, Universidad Diego Portales

Chair:

Alison Kenner, Drexel University

Session Organizers:

Aalok Khandekar, Indian Institute of Technology Hyderabad

Gökçe Günel, Rice University

Alison Kenner, Drexel University

Sulfikar Amir, Nanyang Technological University

Maka Suarez, University of Oslo / Kaleidos - Center for Interdisciplinary Ethnography

332. Scholarly Communication and Its Infrastructures

8:30 to 10:30 am

Building C: C110

Participants:

Semantic Information Organization Improves Human-Data Interaction *wen lou*, East China Normal University; *Jianguen He*, The University of Tennessee

Thick Data for Qualitative Studies of the Web: Preservation and Epigraphy Tools for the DOM *Elliott Hauser*, The University of Texas at Austin

(Infra)structural Perversion: Meta/data for Archival Hospitality *MICHAEL ANTHONY FORTUN*, University of California, Irvine

El desarrollo de la investigación biológica en Puebla (1989-2019). *Ismael Ledesma-Mateos*, UNAM - México; *NATALIA DE GORTARI-LUDLOW*, Instituto de ciencias sociales y Humanidades "Alfonso Vélaz Pliego" de la BUAP; *Jazmin*

Ivonne Gutiérrez-Maya, Colegio de Bibliotecología- UNAM

Chair:

Asura Enkhbayar, Simon Fraser University

Session Organizer:

Timothy Weil Elfenbein, Forthcoming LLC

333. Local pharmaceutical production accounts: beyond the hegemonic model of innovation in Global Health

8:30 to 10:30 am

Building C: C207

Participants:

The politics of vaccine manufacturing during the COVID-19 pandemic in Brazil *Koichi Kameda de Carvalho*, Centre Population & Développement, IRD, and Institute for Research and Innovation in Society, IFRIS

Anfoleish: presenting a new narrative for a therapeutic failure *Mady Malheiros Barbeitas*, CERMES 3/ Unité Inserm 988 - Ecole des Hautes Etudes en Sciences Sociales - Paris

Making Medicines in Mozambique: South-South development projects, technological learning, and international competition in a donor-dependent country *Alila Brossard Antonielli*, École des Hautes Études en Sciences Sociales

Precision oncology at its periphery and center: cancer immunotherapy in Cuba and Switzerland *Nils Graber*, STS Lab, University of Lausanne

Discussant:

Anne Pollock, King's College London

Chair:

Mady Malheiros Barbeitas, CERMES 3/ Unité Inserm 988 - Ecole des Hautes Etudes en Sciences Sociales - Paris

Session Organizer:

Koichi Kameda de Carvalho, Centre Population & Développement, IRD, and Institute for Research and Innovation in Society, IFRIS

334. Recuperating the Social Contract for Science and Education

8:30 to 10:30 am

Building C: C210

Participants:

Critical pedagogies in the introductory biology classroom - Cultivating self-discovery, social consciousness and dialogic thinking *Bryan Dewsbury*, University of Rhode Island

From waste to resource - Project based learning and wastewater epidemiology in the Covid19 pandemic; *Davida Smyth*, Texas A&M University

Ethical thinking and matters of care in preservice science teacher education *Sara Tolbert*, Te Whare Wananga o Waitaha University of Canterbury; *Rishi Krishnamoorthy*, Rutgers University; *Cheryl Brown*, Te Whare Wānanga o Waitaha University of Canterbury

Healing relationships with the natural world through critical place inquiry *Alexa Schindel*, University at Buffalo

Discussant:

Eliza Reilly, National Center for Science and Civic Engagement

Chair:

Alexa Schindel, University at Buffalo

Session Organizer:

Sara Tolbert, Te Whare Wananga o Waitaha University of Canterbury

335. Storage: Infrastructures, Politics, Imaginaries I

8:30 to 10:30 am

Building D: D005

Participants:

Generating Storability: What it Takes to Produce the Possibility of Storing a Bio-object *Ruzana Liburkina, Goethe-Universität Frankfurt*

Pandora's Seed Box: Salvaging and Safekeeping Genetic Resource Collections *Zsuzsanna Dominika Ihar, University of Cambridge*

Biobancos y las disputas por las muestras *Maria Amelia Rodriguez, Universidad Nacional Autónoma de México*

Post-Prohibition Farming Practices: The Meanings and Modalities of Storage on the Cannabis Farm *Alex Rewegan, MIT*

Discussant:

Hallam Stevens, James Cook University

Chair:

Jonathan Galka

Session Organizer:

Caroline Celeste White-Nockleby, Massachusetts Institute for Technology (MIT)

336. International Scientific Collaborations: New Knowledge Infrastructures I

8:30 to 10:30 am

Building D: D006

Participants:

The HAWC International Collaboration: Knowledge Infrastructure to the Highest-Energy Cosmic Rays *Christian Jonathan Poblete-Trujillo, Universidad Autónoma Metropolitana-Azcapotzalco, México*

The Large Millimeter Telescope in Mexico and its participation in the Event Horizon Telescope Collaboration *Arturo Gómez-Ruiz, Instituto Nacional de Astrofísica, Óptica y Electrónica*

Fusing Repertoires: Are Tensions Between Academic And Technogenic Organisational Traditions Responsible For ITER's Crises? *Richelle Boone, Leiden University*

The Work of 'Successful' Collaborations: Exploring the Hidden Navigational Work Accompanying EU-Funded Collaborative Research *Rachel Fishberg, Roskilde University*

Chair:

Simcha Jong, Leiden University

Session Organizer:

Richelle Boone, Leiden University

337. Critical understanding of extractivism I

8:30 to 10:30 am

Building D: D102

Participants:

Alternatives to Extractivism: Ways of Knowing, Being and Doing in Relation to the Subsurface in Mozambique *Carla Braga, University Eduardo Mondlane; Esther Anne Julia Miedema, Amsterdam Institute for Social Science Research, University of Amsterdam; Evelien de Hoop, Athena Institute, Vrije Universiteit Amsterdam*

Amber circulations: violent extraction and the science of extinction *Alessandro Ripa, Rachel Carson Center, University of Munich*

An Island of Indigenous Energy Sovereignty and a Sea of Settler Colonial Darkness *Aaron Gregory, University of*

California at Berkeley

Emerald Extractivism: Borders, Energy, and Digital Systems in Ireland *Patrick Brodie, University College Dublin*

Chair:

Patrick Brodie, University College Dublin

Session Organizer:

Conference Chairs, 4S/ESOCITE

338. Disciplines, expertise and knowledge in action I

8:30 to 10:30 am

Building D: D105

Participants:

Folk Economics and Claims of Expertise in the Advertising Industry's Campaigns for Free Enterprise, 1941-1952 *Caroline Jack, University of California at San Diego*

Navigating Uncertainties: Employment of Maps in Search and Rescue Response in Northern Norway *Virginija Popovaite, Nord University*

Sensing the Foundations - Reflexive perspective elicitation as the first step in facilitating interdisciplinary knowledge co-production *Jussi T Eronen, University of Helsinki; Kelsey La Mere, Tampere University; Sakari Kuikka, University of Helsinki*

Statisticians' Discourse on the "Replication Crisis": Opportunities and Challenges for STS and Statistics *Carol Ting, University of Macau*

These images will not save us *Trine Krigsvoll Haagenen, Department of Computer Science, Oslomet*

Chair:

Trine Krigsvoll Haagenen, Department of Computer Science, Oslomet

Session Organizer:

Conference Chairs, 4S/ESOCITE

339. ICT, data and health I

8:30 to 10:30 am

Building D: D108

Participants:

Analprints, poopomics, and uriflowmeters: care as a public good in smart homes for precision health *John Noel Viana, The Australian National University; Sujatha Raman, The Australian National University*

Creating Value Through Raising Expectations: Regimes of Promise in the European Health Data Space *Ulrike Felt, University of Vienna, Department of Science and Technology Studies*

Coach, ally or friend? Surrogate care work of therapy chatbots as transactional exchanges *Renée Ridgway, Aarhus University*

Chairs:

Ulrike Felt, University of Vienna, Department of Science and Technology Studies

John Noel Viana, The Australian National University

Session Organizer:

Conference Chairs, 4S/ESOCITE

340. STS Structures & Agencies: Scholarship in Curricular Practice I

11:00 to 1:00 pm

Building A: A004

Participants:

Neoliberalism at Work Here: STEM Student Alignments with and Pivots away from Mainstream U.S. Socio-technical Imaginaries *Jennifer Radoff, University of Maryland College Park; Chandra Turpen, University of Maryland College Park; Fatima Abdurrahman, University of Maryland College Park; David Tomblin, University of Maryland, College Park; Sona Chudamani, University of Maryland College Park; Danjing Chen, University of Maryland College Park*

Putting STS to Work Between the Self and Community Development *Juan Lucena, Colorado School Of Mines; Mateo Rojas, Colorado School of Mines; Sofia Schlezak, Colorado School of Mines; Jaime Styer, Colorado School of Mines*

Drawing Comics as a Way of Knowing about STS *Megan Halpern, Michigan State University; Justin Wigard, Michigan State University*

Notes from the Field: On the Challenges of Teaching Constructivist Ways of Seeing *Toluwalogo Odumosu, James Madison University*

Discussant:

Emily York, James Madison University

Chair:

Megan Halpern, Michigan State University

Session Organizers:

Elizabeth A. Reddy, Colorado School Of Mines
Kari Zacharias

341. Play in Computational Modeling I: Speculation, Mediation, and Design

11:00 to 1:00 pm

Building A: A008

Participants:

Must the Factory Grow? Scalability and Environmental Technopolitics in Factorio *Zach Yost, University of Chicago*

Playing with Proteins: On Transmediality and Gamification of Citizen Science *Ranjodh Singh Dhaliwal, University of Notre Dame*

Mutualistic Coupling of Speculative AI to Human Biocultural Domains *William J Lockett, New York University*

Playing with data *Goetz Hoeppe, University of Waterloo*

Chair:

Katherine Buse, The University Of Chicago

Session Organizers:

Katherine Buse, The University Of Chicago
Samuel Pizelo, University of California, Davis

342. Epistemic injustice, social practices of oppression and privilege in the invisibility of the production of knowledge in women II

11:00 to 1:00 pm

Building A: A012

Participants:

Negotiating women's pain as a way of resisting epistemic injustice, an analysis of competing institutionalized models of knowledge production in maternity care organization in France and in Canada *Maud Arnal, Centre de Recherche Médecine, Sciences, Santé, Santé Mentale et Société (cermes3), Paris*

Obstáculos y oportunidades en las carreras científicas de mujeres en el Instituto Nacional de Tecnología Agropecuaria (INTA) en Argentina *Karen Azcurra, CONICET / Centro de*

Ciencia, Tecnología y Sociedad Universidad Maimonides
Pensar desde el cuidado y la cura para tramar la paz en una sociedad hostil ante las injusticias: trascender las violencias sistémicas y epistémicas *Dora Elvira García-González, UNAM FFyL*

Tensiones y oportunidades de las estrategias discursivas redistributivas utilizadas para divulgar el rol de las mujeres en la historia de la ciencia moderna *Gabriela Quezada Dotor, EHESS CAK Centre Alexandre Koyré*

The Scientific Attitude and Decision Making *Mónica Gomez Salazar, Universidad Nacional Autónoma de México.*

Chair:

Gabriela Quezada Dotor, EHESS CAK Centre Alexandre Koyré

Session Organizer:

Xenia Anaid Rueda, UNAM

343. Interacciones Universidad-Entorno II

11:00 to 1:00 pm

Building A: A102

Participants:

El papel de las Instituciones de Educación Superior en la formación de emprendedores: una propuesta de instrumento para su evaluación *Cristina Pérez Trejo, Universidad Autónoma Metropolitana; RENÉ RIVERA-HUERTA, UNIVERSIDAD AUTÓNOMA METROPOLITANA*

La vinculación de los docentes-investigadores de la Escuela Politécnica Nacional con la sociedad. Un análisis a partir de sus testimonios *Fernando Herrera, Universidad Técnica de Ambato*

Universidade Pública, Ações Afirmativas e Mobilidade Social: A percepção dos egressos *Luís Felipe Oliveira Alves da Silva, Universidade Federal Fluminense; Andre Ferreira, UFF - Universidade Federal Fluminense; Pítias Teodoro, Universidade Federal Fluminense; Márcio Moutinho Abdalla, Universidade Federal Fluminense; Raphael da Costa Lima, Universidade Federal Fluminense*

Chair:

Mariana Eva Di Bello, CONICET - UNQ- UNLP

Session Organizer:

Amílcar Davyt, Facultad de Ciencias / Universidad de la República

344. Reconfiguring "Ground:" Elemental Choreographies in Earthly Surfaces and Depths II

11:00 to 1:00 pm

Building A: A104

Participants:

Views of the earth's interior: visibility of the Colima volcano in the nineteenth century *Omar Olivares, IIE-Universidad Nacional Autónoma de México*

Restoring Ground in a Volcano's Aftermaths *Sandra Rozental, Universidad Autonoma Metropolitana; Gabriela Zamorano, El Colegio de Michoacan*

Between foundation and ground: how rural radio entwines sky with earth in Peru's Upper Huallaga Valley *Richard Kernaghan, University of Florida*

Ungrounded 'Terroirs': Water and Earth in the Muddling of 'Frenchness' in Central Veracruz *Francois Richard, The University of Chicago*

Non-ethnography of San Fernando *Vivette Garcia Deister,*

UNAM

Discussant:

Gaston Gordillo, University of British Columbia

Chair:

Carlota McAllister, York University

Session Organizers:

Sandra Rozental, Universidad Autonoma Metropolitana

Miruna Achim, Universidad Autonoma Metropolitana
Cuajimalpa

345. Monsters, Cyborgs, Humans: Trans STS and the Reassembly of Science and Technology II

11:00 to 1:00 pm

Building A: A106

Participants:

Trans Pronoun Practices and Digital Pronoun-Sharing Tools:
An Infrastructural Perspective *Tristan Gohring, Indiana University - Bloomington*

Hacking Biopolitics: A Transgender Approach to Bodily
Autonomy and Data Ownership *Sandra Nelson, University of Sussex, UK*

Hormone Trouble: Pharmacological Futures and Queer
Ecologies of Care *Diana Cage, UC Davis*

Discussant:

W.E. King, University of Washington

Chair:

Diana Cage, UC Davis

Session Organizer:

Tristan Gohring, Indiana University - Bloomington

346. Power After AI II: Algorithmic Regulation in the Age of Intelligent Machines

11:00 to 1:00 pm

Building A: A110

Participants:

Algorithmic Impact Assessments and Algorithmic Self-
Regulation *Ana Brandusescu; Renee Sieber, McGill University*

Automated License Plate Recognition: A Legitimate Form of
Surveillance? *Gabriel Pereira, London School Of Economics & Political Science*

Laws for Inference: Conceptual Limits to Automated Decision-
Making *Charles Luke Alan Stark*

Power within AI: Cybersecurity through Intelligent Machines
Lilly Muller, Department of Science & Technology Studies/ Cornell University

The Future Will be Volatile: Risk Management and Decision
Making in the 1970's and '80's *Orit Halpern, Concordia University*

Chairs:

Orit Halpern, Concordia University

Jonathan Roberge, Institut national de la recherche scientifique

Session Organizer:

Fenwick McKelvey, Concordia University (Montreal, CANADA)

347. Reconfigurations in Education Research: EDU-STs as an Emerging Field II. Reconfiguraciones en la investigación educativa: EDU-STs como campo emergente II

11:00 to 1:00 pm

Building A: A112

Participants:

Reflexión de la práctica pedagógica mediada por la Tecnología desde la Teoría del Actor-Red de Bruno Latour *Laura Daza Páez*

Choregraphing protest in Chile. Student movements imagining new forms of "living together" through education, art and social media *Cristina Alarcón López, University of Vienna*

To be read: A study about children, books and robots *Elin Sundström Sjödín, Mälardalen University, Sweden; Lina Rahm*

COVID-19 and Edtech in India's Non-elite Schools: Semiotic Analysis of Edtech Discourse in COVID-19 Era *Prateeksha Tiwari, University of Vienna*

Chair:

Lesley Gourlay, UCL INSTITUTE OF EDUCATION

Session Organizer:

Lesley Gourlay, UCL INSTITUTE OF EDUCATION

348. Relations Between STS and Education for Sustainable Development (ESD) II

11:00 to 1:00 pm

Building A: A204

Participants:

Integração de Políticas Públicas Visando Atenuar a Obsolescência Programada de Equipamentos Eletroeletrônicos *REGIANE BRITO, Inmetro; ELOY FASSI CASAGRANDE JR, UTFPR; Maclovia Correa da Silva, UTFPR*

Intercâmbio e participação de estudantes dos anos finais do ensino fundamental na criação de conteúdos de CTS *Silvestre Labiak JR., UTFPR / PPGTE; Marcia Regina Zago; SALETTE SILVEIRA AZEVEDO, Universidade Tecnológica Federal do Paraná - UTFPR*

Literatura, Artes e Educação Ambiental voltada para a Animalidade *Naira A Naira Almeida, UTFPR*

O modo de estar no mundo das comunidades tradicionais: uma revisão de literatura *Josiane de Oliveira Wehrmeister, Universidade Tecnológica Federal do Paraná; ELOY FASSI CASAGRANDE JR, UTFPR*

Chair:

ELOY FASSI CASAGRANDE JR, UTFPR

Session Organizer:

ELOY FASSI CASAGRANDE JR, UTFPR

349. Repair Imaginaries: envisioning and enacting better relations in imperfect worlds II

11:00 to 1:00 pm

Building A: A205

Participants:

PLN Elite Team: Power Line Maintainers as Celebrated Workers *Anto Mohsin, Northwestern University in Qatar*

Repair and the Hopelessly Broken: for an Ethics of the Semiconductor Supply Chain *Ezra Teboul, CIRMMT, McGill University*

Enabling Repair Networks: Following Entangled Relationships of Expertise, Markets and Materials in India *Julia Corwin, LSE - London School of Economics and Political Science*

'We are part of nature': caring for wastewater in an infrastructural experiment in the Flevopolder. *Fenna Smits, University of Amsterdam; Mandy de Wilde, University of Amsterdam, The Netherlands*

Chair:

Alissa Centivany, University of Western Ontario

Session Organizers:

Michelle Kaczmarek, The University of British Columbia

Alissa Centivany, University of Western Ontario

350. Seeking Arrangements: Transactional Care in Machine-Mediated Worlds II

11:00 to 1:00 pm

Building B: B103

Participants:

Artificial Intimacies: Eldercare Robots and Animate Companionship *Mitali Thakor, Wesleyan University*

Caring Surveillance and Surveillant Care in Amazon's "Alexa Together" *Elizabeth Fetterolf, Microsoft Research New England*

Encoding Affects: Machine Learning, Mental Health, and the Promise of Care *Benedetta Catanzariti, Science, Technology and Innovation Studies, The University of Edinburgh*

Chair:

Beth Semel, Princeton University

Session Organizer:

Mitali Thakor, Wesleyan University

351. Social Care II

11:00 to 1:00 pm

Building B: B105

Participants:

Effects of COVID 19 pandemic on women and social care aspects *Emine Onculer Yayalar, Bilkent University; Melike Sahinol, Orient-Institut Istanbul*

Emergent forms of social care: The mutual shaping of governance, community and technology in a palliative care social movement in Kerala, India *Nishanth Kunnukattil Shaji, Department of Science and Technology Studies, Rensselaer Polytechnic Institute*

Data Care: Making Up for the Informational Neglect of Marginalized Communities *Guillen Torres, University of Amsterdam*

Chair:

Guillen Torres, University of Amsterdam

Session Organizer:

Cian O'Donovan, University College London

352. Asamblea General ESOCITE 2022

11:00 to 1:00 pm

Building B: B205

Chair:

Eduardo Robles Belmont, UNAM - México

Session Organizer:

Ronald Cancino, Universidad de la Frontera

353. Critical Studies of Innovation II

11:00 to 1:00 pm

Building C: C010

Participants:

Innovation in center-periphery relations: an analysis of Eclac's thinking *Carolina Bagattolli, UFPR - Federal University of Paraná; Tiago Brandão, NOVA FCSH*

"Net zero" emissions for plastics and petrochemicals: Innovative framework or "false solution?" *Erich Hellmer, Academia Sinica, Taiwan; Paul Jobin*

Symmetry, Contestation And Non-Users – A Critical Perspective Challenging The Pro-Social Innovation Bias *Rick Hölsgens, TU Dortmund University*

Tantalus reaches for the fruit: some thoughts on the fable of innovation *Rafael de Brito Dias, University of Campinas; Mauro Cardoso Simões, University of Campinas*

Innovation in illegal/clandestine settings. The FARC case study *Óscar Moreno-Martínez, Pontificia Universidad Javeriana*

Chair:

Cornelius Schubert, TU Dortmund University

Session Organizer:

Noela Invernizzi, Universidade Federal do Paraná

354. Understanding biosocial technical system

11:00 to 1:00 pm

Building C: C108

Participants:

A Japanese perspective on the development of regulations governing emerging genome-relevant technologies *Jusaku Minari, Kyoto University; Kayo Takashima, Kyoto University; Shibly Shahirier, Uehiro Research Division for iPS cell Ethics, Center for iPS Cell Research and Application, Kyoto University*

Biosociotechnical Approach of Psychotropic Substance Users *Nancy Beatriz Calisto, Academic, University of the Republic (Uruguay); Lauren Predebon, Universidad de la República (Uruguay); María Pilar Bacci, Universidad de la República*

Sistemas Técnicos Biosociais: O Caso Das Farmácias Vivas E As Instituições De CTI No Brasil *Nataly Cubides Zuñiga, State University of Campinas - UNICAMP; Eimy Carolina Cubides Zuñiga, Estudante de doutorado UNICAMP; Maria Beatriz Machado Bonacelli, Professora Associada, DPCT, Instituto de Geociências*

Technology-mediated Daily Practices --- Cases from Blood Glucose Monitoring and Insulin Delivery Technologies *Yucheng Liu, Soochow University*

Encoding and decoding empathy - social and technical technologies as tools for change *Lisa Klautzer, TEZO Analytics LLC; Seo Yeon Hong, Tezo Analytics LLC; Swaptik Chowdhury, Pardee RAND Graduate School*

Chair:

André Sica de Campos, UNICAMP

Session Organizer:

Janaina Oliveira Pamplona da Costa, Unicamp State

355. Knowledge production and Cultural Media: Reconfiguring STS

11:00 to 1:00 pm

Building C: C207

Participants:

An introduction on collaborative dynamics and knowledge co-production in Serious Games *Marina Fontolan, University of Campinas (Unicamp), Department of Science and Technology Policy; Luciano Guillermo Levin, Universidad Nacional de Río Negro*

Failing Up: STS, Advocacy Documentaries, and Cultural Politics of Technology Criticism *Jacob S. Hagelberg, University of California - Davis*

Staging Identity: Technologies of Queerness in Theatrical Spaces *Alison Harding, University Of Maryland College Park*

The Allure of “White Slavery” and The Cinematic Technology of Whiteness *Victoria Pihl Sorensen*

Chair:

Victoria Pihl Sorensen

Session Organizers:

Luciano Guillermo Levin, Universidad Nacional de Río Negro

Marina Fontolan, University of Campinas (Unicamp),

Department of Science and Technology Policy

356. Storage: Infrastructures, Politics, Imaginaries II

11:00 to 1:00 pm

Building D: D005

Participants:

Standardizing Inputs and Outputs: Material-Structural Metaphor in Microbiomics Biobanking *Kathryne Metcalf, University of California San Diego*

The Accretion of Cultural Heritage and Nuclear Waste in Archipelagic Taiwan *Laurence Bashford, Columbia University*

Turning The Mine Upside Down: The Underground Storage Of Toxic Waste In France *Lisa Claussmann, Université Paris Cité, CERMES3*

Discussant:

Abby Kinchy, Rensselaer Polytechnic Institute

Session Organizer:

Caroline Celeste White-Nockleby, Massachusetts Institute for Technology (MIT)

357. International Scientific Collaborations: New Knowledge Infrastructures II

11:00 to 1:00 pm

Building D: D006

Participants:

Cooperação sul-sul como horizonte para a internacionalização: contribuições para a educação científica e tecnológica. *Patricia Giraldi, Universidade Federal de Santa Catarina; Mariana Brasil Ramos, Universidade Federal de Santa Catarina; Irlan Von Linsingen; Suzani Cassiani, Universidade Federal de Santa Catarina*

Elites da Meteorologia e das Mudanças Climáticas – afinidades eletivas *Thales Novaes Andrade, Federal University of São Carlos (UFSCAR, Brazil); Paulo Sobral Escada, National Institute of Space Research - INPE*

La cooperación científica internacional ¿resuelve o crea nuevos problemas sociales? El rol de Wildlife Conservation Society en la construcción del pingüino de Magallanes como problema público y científico *Sosiuk Ezequiel*

Space Science Research Infrastructures In Situ: A new proposal for analyzing local impact *Raquel Velho, Rensselaer Polytechnic Institute; Michael Gastrow, Human Sciences Research Council*

Chair:

Simcha Jong, Leiden University

Session Organizer:

Richelle Boone, Leiden University

358. Critical understanding of extractivism II

11:00 to 1:00 pm

Building D: D102

Participants:

Green Sacrifice Zones: The Costs of Green Extractivism and Critical Minerals *Ciarán O'Brien; Aparajita Banerjee,*

University College Dublin

Routes of extractivism: accumulation processes and resistance practices in the case of ‘Skouries’ gold and copper mining site in northern Chalkidiki, Greece *Vasiliki Makrygianni; Konstantinos Petrakos*

Weaving the Spiderweb: Mujeres Amazónicas and the Design of Anti-Extractive Politics in Ecuador *Andrea Sempertegui, Whitman College*

Chair:

Andrea Sempertegui, Whitman College

Session Organizer:

Conference Chairs, 4S/ESOCITE

359. Disciplines, expertise and knowledge in action II

11:00 to 1:00 pm

Building D: D105

Participants:

Hacia una historia laboral de la arqueología mexicana: De la epistemología a la economía política *Sam Holley-Kline, Florida State University*

How do undergraduate computer science students understand the societal and environmental implications of their work? *Sarah Van Wart, Northwestern University; Natalie Araujo Melo, Northwestern University; Sepehr Vakil, Northwestern University*

Manipulating the Metaphors: Anthropomorphism and Cybernetics in the Early Works of Gordon Pask *Sokion Choi, Seoul National University*

Mexico, 1980: Collaborative Networks And Epistemic Cultures For The Development Of Bacterial Molecular Genetics *Marco Ornelas-Cruces, Universidad Nacional Autónoma de México*

Translating action: narratives as hybrid forms of human-bacterial agency *Carolina Borges Rau Steuernagel, University of Oslo; Ida Lillehagen, University of Oslo*

Chair:

Marco Ornelas-Cruces, Universidad Nacional Autónoma de México

Session Organizer:

Conference Chairs, 4S/ESOCITE

360. Arts, Cultures, Cultural Industries and Heritages: objects for STS I

11:00 to 1:00 pm

Building D: D205

Participants:

Equipping the lights *Dominique Vinck, University of Lausanne*

From Science to Art and Back to Science (and Technology Studies); Shifting Data and Pretty Pictures *Maxime Harvey, Université du Québec à Montréal (UQAM)*

Troubles in the Editing Cabine - Producing a DVD for a Patrimonial Event *Mylène Tanferri, Université de Lausanne*

The Divisionist Palette and Scientific Socialism *Samuel DiBella, University Of Maryland College Park; Alexandra Chipkin, Indianapolis Museum of Art*

Chair:

Elodie Fischer, University of Fribourg

Session Organizers:

Mylène Tanferri, Université de Lausanne

Dominique Vinck, University of Lausanne

Tatiana Smirnova, STS Lab, University of Lausanne

361. Poaching: The Promise of Multispecies Justice

11:00 to 1:00 pm

Building F: F008-F009

Presenters:

Alex Blanchette, Tufts University
Maya Kovaskaya, Chiang Mai University
César Enrique GIRALDO HERRERA, Leibniz Centre for Tropical Marine Research
Jia Hui Lee, Haverford College
Kellen Copeland, Oregon State
Bastian Thomsen, Oregon State
Uli Beisel, University of Bayreuth
Liliana Riva Palacio, Proyecto Concentrate

Chairs:

Zsuzsanna Dominika Ihar, University of Cambridge
Alyssa Paredes, University of Michigan - Ann Arbor
Joshua Evans, Center for Biosustainability, Technical University of Denmark

Session Organizers:

Eben Kirksey, Deakin University
Sophie Marie Helene Chao, The University of Sydney

362. 4S Business Meeting

11:00 to 1:00 pm

Building H: Manuel Acévez Auditorium

Session Organizer:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

363. STS Structures & Agencies: Scholarship in Curricular Practice II

2:00 to 4:00 pm

Building A: A004

Participants:

STS Postures: Reuniting the Mind and Body of STEM Students
Nicole Mogul, --Please Select--; *David Tomblin*, University of Maryland, College Park

Centering Students in Pedagogical Research
Shannon N. Conley, James Madison University; *Sydney Forman*, James Madison University; *Meghan Gelerman*, James Madison University; *Jessica McMasters*, James Madison University; *Charlie Thomas*, James Madison University; *Reggie Wilcox*, James Madison University; *Emily York*, James Madison University

Review and Reflections on Actor-Network Theory and Engineering Education
Renato Bezerra Rodrigues, University of Manitoba; *Kari Zacharias*; *Jillian Seniuk Cicek*, University of Manitoba

Structuring Collaborative Writing Assignments to Develop Critical Agency in STEM: Reflections on Critical STS Pedagogy in a First-Year Writing Course
Marisa R Brandt, Michigan State University; *June Oh*, Michigan State University

“Integrated” engineering as a tool for innovative educational reform and STS praxis
Marie Stettler Kleine, Colorado School Of Mines; *Elizabeth A. Reddy*, Colorado School Of Mines; *Dean Nieuwsma*, Colorado School of Mines

Discussant:

Sarah Reboloso McCullough, Feminist Research Institute, UC Davis

Chair:

Kari Zacharias

Session Organizer:

Elizabeth A. Reddy, Colorado School Of Mines

364. Play in Computational Modeling II: Performance, Process, and Model Space

2:00 to 4:00 pm

Building A: A008

Participants:

How Space Thinks: Modeling and the Play of Positions
Samuel Pizelo, University of California, Davis; *Katherine Buse*, The University Of Chicago

Simulated Worlds: Games, AI, and Microworlds Research
Evan Donahue

Playing Therapist: Originating Natural Language Processing Models as Play
Jamie Steele, Rensselaer Polytechnic Institute

Modeling as Theater: Inhabiting inference in cognitive science
Sarah Klein, University of Waterloo

Chair:

Samuel Pizelo, University of California, Davis

Session Organizers:

Katherine Buse, The University Of Chicago
Samuel Pizelo, University of California, Davis

365. Epistemic injustice, social practices of oppression and privilege in the invisibility of the production of knowledge in women III

2:00 to 4:00 pm

Building A: A012

Participants:

Towards equity and epistemic justice in the recognition of women in the production of knowledge
Xenia Anaid Rueda, UNAM

Un análisis feminista del data sprint para el digital research. Continuidades y discontinuidades de la violencia epistemológica
María Concepción Castillo-González, Tecnológico de Monterrey; *Dorismilda Flores-Marquez*, Universidad La Salle Bajío; *GABRIELA ELISA SUED*, UNAM

“You Are Not Qualified – Leave It to Us”: Obstetric Violence as Testimonial Injustice
Sara Cohen Shabot, University of Haifa, Israel

Towards an Ecology of Critical Epistemologies
Camila Ramírez-Araujo; *Eric Tolson-Solis*, UMA

Vera Yamuni: su aportación al estudio del pensamiento en lengua española
Miriam Díaz, FES Acatlán UNAM

Chair:

Sara Cohen Shabot, University of Haifa, Israel

Session Organizer:

GABRIELA ELISA SUED, UNAM

366. Emergency Management: An STS Underdog or a Hidden - Theoretical- Gem?

2:00 to 4:00 pm

Building A: A102

Presenters:

Michael Rabi, The Hebrew University of Jerusalem
Natalia Nino-Machado, Universidad de los Andes, Bogotá, Colombia

Chair:

Rodolfo Andres Hernandez, Texas Tech University

Session Organizer:

Rodolfo Andres Hernandez, Texas Tech University

367. Relations Between STS and Education for Sustainable Development (ESD) III

2:00 to 4:00 pm

Building A: A104

Participants:

Projetos de hortas comunitárias em escolas: uma proposta interdisciplinar de educação para sustentabilidade *Elisa Tkatschuk*; *ELOY FASSI CASAGRANDE JR, UTFPR*

Projeto VAMOS_Erasmus+ Europa e América Latina: Intercâmbio Internacional Virtual, Educação e Sustentabilidade *ELOY FASSI CASAGRANDE JR, UTFPR*; *Fernanda Paes de Barros Gomide, UTFPR*; *Libia Patricia Peralta Agudelo, UTFPR*

Revisão Bibliográfica: Tecnologia, Resíduos Têxteis e Educação para a Sustentabilidade *Elisangela Christiane de Pinheiro Leite Munaretto, UTFPR Universidade Federal Tecnológica Federal do Paraná*; *FRANCIANE Cristina da SILVA, Universidad Tecnológica Federal del Paraná (UTFPR)*; *Maclovía Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Segurança Alimentar no Brasil e Pandemia da Covid-19 *Danielle Verginia Lisboa Ramires, Univervidade Tecnológica Federal do Paraná*; *karine delmonego, Universidad Tecnológica Federal del Paraná (UTFPR)*; *Maclovía Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Sistemas sociotécnicos de erva-mate no estado do Paraná (Brasil) e educação para o desenvolvimento sustentável *Ricardo Gomes Luiz, Universidade Tecnológica Federal do Paraná - UTFPR*; *Maclovía Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Chair:

Maclovía Corrêa da Silva, Universidade Tecnológica Federal do Paraná

Session Organizer:

Libia Patricia Peralta Agudelo, UTFPR

368. Provincializing Mathematics / Provincializando las/a Matemática/s I

2:00 to 4:00 pm

Building A: A106

Participants:

Provincializing Numeration: Caramuel and Indigenous Mathematical Knowledge *Maria Amuchastegui, York University, Canada*

Proportion, Analogy and Mixture: Unearthing Mathematical Measurement practices *Nathalie Sinclair, Simon Fraser University*; *Elizabeth de Freitas, Adelphi University*

Endogenous Mathematics and its Implications for Innovation among the Yoruba of West Africa *Kasso Okoudjou, Tufts University*; *Ogundiran Soumonni, University of the Witwatersrand, South Africa*

Chair:

Kasso Okoudjou, Tufts University

Session Organizer:

Michael J Barany, University of Edinburgh

369. Dialogues on Interdisciplinarity and Climate Change: experiences from Brazil

2:00 to 4:00 pm

Building A: A110

Presenters:

Marko Alves Monteiro, State University of Campinas - UNICAMP

Raoni Rajão, Federal University of Minas Gerais (UFMG)

Chair:

Renzo Taddei, Federal University of Sao Paulo

Session Organizer:

Renzo Taddei, Federal University of Sao Paulo

370. Reconfigurations in Education Research: EDU-STs as an Emerging Field III. Reconfiguraciones en la investigación educativa: EDU-STs como campo emergente III

2:00 to 4:00 pm

Building A: A112

Participants:

Hacia la Reconfiguración del Imaginario en Torno a la Incertidumbre en el Aprendizaje Automático Supervisado *Marisol Flores-Garrido, Universidad Nacional Autónoma de México*; *Luis Miguel García-Velázquez, ENES Morelia, UNAM*

Automated Conceptualisations of Academic Productivity: Digital Surveillant-Assistance in higher education *luke heemsbergen, Deakin University*; *Radhika Gorur, Deakin University*; *Shiri Krebs, Deakin University*

Innovation Imaginaries: Infrastructures of Reform in an Urban Public High School *Phil Nichols, Baylor University*

Prototyping the Future, Prototyping Citizens – the Danish Trial of ‘Technology Comprehension’ in Public School *Simy Kaur Gahoonia, IT University of Copenhagen*; *Christopher Gad, IT-University of Copenhagen*

The Fiction of Numbers: How reading is made a public and didactic problem *Elin Sundström Sjödin, Mälardalen University, Sweden*; *Daniel Pettersson, Högskolan i Gävle*; *Magnus Persson, Malmö University*

Chair:

Cristina Alarcón López, University of Vienna

Session Organizer:

Lesley Gourlay, UCL INSTITUTE OF EDUCATION

371. Scales and Styles of Technical Systems I: Insights from Histories of Infrastructure

2:00 to 4:00 pm

Building A: A204

Participants:

Thinking Colonial Infrastructure through Thomas Hughes: Insights from Sanitary Engineering in Colonial India *Viswanathan Venkataraman, King's College London*

Uncertain Infrastructure: Considering Style and Aesthetics of Weather Modification in the People's Republic of China *Jelena Große-Bley, IRI THEsYS, Humboldt-Universität zu Berlin–Max-Planck-Institut für Wissenschaftsgeschichte*

The Scale of Technology and the State: Small-Scale Water Supply in Colombia 1940-2010 *Edisson Aguilar, King's College London*

Chair:

Edisson Aguilar, King's College London

Session Organizer:

Francisca Valenzuela, King's College London

372. Sonido street technologies and culture: Workshop

2:00 to 4:00 pm

Building C: Aula Magna C201

Session Organizer:

Yael Gerson, Goldsmiths, University of London

373. Social innovation: Forms, evidence, cases and perspectives

2:00 to 4:00 pm

Building B: B103

Participants:

Examples of social innovation in history *José Francisco Romero-Muñoz*, Benemérita Universidad Autónoma de Puebla - Dirección de Innovación y Transferencia de Conocimiento; *Wietse de Vries*, Benemérita Universidad Autónoma de Puebla

Decolonizing Entrepreneurship & Social Innovation: intercultural friendships promoting entrepreneurial wise practices, Indigenous resurgence, and social change in Canada. *Marisol Campos-Navarrete*, Sheridan College; *Besma Soltan*, Sheridan College

Una exploración del panorama mexicano de la innovación frugal *Ms M. Valeria Ramirez*, Université Gustave Eiffel - LISIS - CONACYT; *Raphaël Stephens*, UMR LISIS - Université Gustave Eiffel

Chair:

José Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla - Dirección de Innovación y Transferencia de Conocimiento

Session Organizer:

José Francisco Romero-Muñoz, Benemérita Universidad Autónoma de Puebla - Dirección de Innovación y Transferencia de Conocimiento

374. Social robots and care: promises and pitfalls I

2:00 to 4:00 pm

Building B: B105

Participants:

Reconfiguring Autonomy? Robotics And Care In A German Research Initiative *Maximilian Braun*, Technische Universität München; *Svenja Breuer*, Department of Science, Technology and Society (STS), Technical University of Munich

'Care' as a Sociotechnical Ecosystem: Stakeholder Imaginaries of Robots in Health-Social Care *Stevienna de Saille*, University of Sheffield; *David Cameron*, University of Sheffield

Epistemically-Enabled Care: Insights from Nursing Theory on the Limitations of Care Robotics *Katie Trainum*, The University of Texas at Austin; *Elliott Hauser*, The University of Texas at Austin; *Bo Xie*, University of Texas at Austin

Artificial Affection, Real Love: Questions in Human-robot intimacy *Beatrys Rodrigues*, Cornell University

And Say the Robotic Cat Responded? On the Use of Robotic Animals in Dementia Care *David Redmalm*, Mälardalen University; *Clara Iversen*, Centre for Social Work, Department of Sociology, Uppsala University, Sweden; *Marcus Persson*, Department of Behavioural Sciences and Learning (IBL), Division of Education and Sociology, Linköping University, Sweden

Chair:

Boris Hauray, Inserm

Session Organizers:

Boris Hauray, Inserm

Sébastien Dalgarrondo, EHESS/CNRS

NAONORI KODATE, University College Dublin

Martin Chevallier, EHESS - Centre d'Etude des Mouvements Sociaux

375. STS Engagements with Critical Mineral Studies I

2:00 to 4:00 pm

Building B: B108

Participants:

Automated Extraction, Computational Ecologies, and Augmented Reality in the Digital Mine *Lily House-Peters*, California State University, Long Beach

Following The Research: Extractivist Histories of Marine Science in Deep Seabed Mining *Edmund Molder*, University of Wisconsin-Madison

Human Resources, Revisited: Community Perspectives on Clean-Tech Transitions from a Rare Earth Elements Exploration Site in Wyoming *Tom Ozden-Schilling*, Johns Hopkins University

When technology goes public: The technopolitical meanderings of lithium extraction in Bolivia *Jonas Köppel*, The Graduate Institute Geneva

Pointing fingers in the half-light: Quantifying mercury use in artisanal gold mining and the politics of environmental blame and virtue *Sebastian Rubiano-Galvis*, University of San Francisco

Chair:

Jonas Köppel, The Graduate Institute Geneva

Session Organizer:

Kirk Jalbert, Arizona State University

376. Towards a Terrestrial Internet: Rethinking Digital Networks From the Ground Up

2:00 to 4:00 pm

Building B: B111

Participants:

Hanging on a Wire: Utility Pole Maintenance in Southeast Louisiana *Jen Liu*, Cornell University

Terrestrial politics and body-territory: two concepts to make sense of digital colonialism in Latin America *Marcela Suárez*, Freie Universität Berlin; *Márcia Tait*, Laboratório de Tecnologias e Transformações Sociais/DPCT

Digitality, Wilderness, and the Politics of Land: Building the Internet in Glacier National Park *Sam P. Kellogg*, New York University

What's behind "green" computing? Re-imagining and co-creating digital infrastructures *Janna Frenzel*, Concordia University, Montreal, Canada

Discussant:

Sebastián Lehuedé, University of Cambridge

Chair:

Marcela Suárez, Freie Universität Berlin

Session Organizer:

Sebastián Lehuedé, University of Cambridge

377. Critical Studies of Innovation III

2:00 to 4:00 pm

Building C: C010

Participants:

Del Laboratorio al Mercado: Secreto e Incertidumbre en Busca de la Innovación *Carlos Franco*, Universidad Nacional De Colombia

Innovation in global development: endogenous vs exogenous theories *Christopher Joseph Barton, School for Future of Innovation in Society, Arizona State University*

Dark Innovation, Scientific Instruments, and Neoliberal Blind Spots *Ryan T MacNeil, Acadia University*

Chasing Something Beautiful: Conceptions of Innovation in Canadian Provincial and Federal Politics *M.R. Sauter, University of Maryland, College Park*

Session Organizer:

Tiago Brandão, NOVA FCSH

378. With Substance: Rethinking Drugs, Technofixes, and the (Geo)Politics of Harm I

2:00 to 4:00 pm

Building C: C108

Participants:

Done with Black Opium and on to White Opium?: morphine, cocaine and the lives of addicts in colonial Vietnam *Claire Ellen Edington, University of California - San Diego*

Spaces of Care and Sociality for Women Who Use Drugs: Futurities and lessons from Vancouver and Paris *Céline Debaulieu, TRIBU; Lauren Dixon, LATTS; Melora Koepke, SFU*

(Non) Dead POET's Society: Chemical Improvisations in Post-Overdose Meter *Naomi Schoenfeld, UCSF*

What Does the Forest Say? A Cyborg Inversion Story. *Craig Rothstein, Department of Science and Technology Studies, Rensselaer Polytechnic Institute*

What is a Drug? Experiences of Users of Legal and Illegal Psychotropic Drugs *Nancy Beatriz Calisto, Academic, University of the Republic (Uruguay); Virginia Rodríguez Otero, UDELAR; Andrea Clara Bielli, Universidad de la República*

Chair:

Aster Parrott, Cortland Area Communities That Care

Session Organizer:

Lisa Lehner, Cornell University

379. Speculation in our eyes: fictions for thinking about STS I

2:00 to 4:00 pm

Building C: C204

Participants:

Una Mirada desde "La Caverna" de Saramago: contribuciones a la educación científica y tecnológica. *Patricia Giraldi, Universidade Federal de Santa Catarina; Mariana Brasil Ramos, Universidade Federal de Santa Catarina*

A Journey Into Antarctic Space: Reading The Speculative Writings Of Polar Researchers *Spencer Adams, University of California at Berkeley*

Medical imaginaries and the future horizons of consciousness physiology in the work of Stanisław Lem *CARLOS SIERRA, University of Antioquia & Institute of Science, Biotechnology and Innovation in Health (IDCBIS)*

The State of Glitch *Freyja van den boom*

Chair:

Agustín Mercado, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM

Session Organizers:

Juan Felipe Guevara-Aristizabal, Universidad Autónoma Metropolitana-Cuajimalpa, México

Agustín Mercado, Centro de Investigaciones Interdisciplinarias

en Ciencias y Humanidades, UNAM

380. Storage: Infrastructures, Politics, Imaginaries III

2:00 to 4:00 pm

Building D: D005

Participants:

“Exporting renewable energy to the world”: Green Hydrogen and the Generation of Renewable Assets in the Atacama Desert, Chile *Caroline Celeste White-Nockleby, Massachusetts Institute for Technology (MIT)*

Everyday storage of water and electricity in Nairobi: Reimagining infrastructures through storage artefacts and practices *Moritz Kasper, TU Dortmund University*

On the Container Technology of Electricity: Sparks, Shocks, and the Glass Interface *Yijun Sun, University of Massachusetts Amherst*

Storing the Abyssal Pacific Seabed: Exploration Areas And Anticipatory Orientations In The Clarion Clipperton Zone *Jonathan Galka*

Where Data Lives: Data Storage as Place-Making Politics in Iceland *Alix Johnson, Macalester College*

Discussant:

Stefan Helmreich, Massachusetts Institute of Technology (MIT)

Session Organizer:

Caroline Celeste White-Nockleby, Massachusetts Institute for Technology (MIT)

381. Repair and Maintenance of Media Technologies: A Hybrid Approach

2:00 to 4:00 pm

Building D: D008

Discussant:

Alexander John Daniel Mirowski, Catalent

Chair:

Marina Fontolan, University of Campinas (Unicamp), Department of Science and Technology Policy

Session Organizer:

Logan Brown, Indiana University

382. Indigenous Knowledge and STS

2:00 to 4:00 pm

Building D: D102

Participants:

Decolonize biopolitics? The conundrum of adapting epigenetic theory to indigenous people's alcohol use in Taiwan *Yi-Cheng Wu, Mackay Medical College*

Intercultural health care, resource extraction, and the socio-ecological indeterminants of health in Wajmapu/Southern Chile *Randall C Burson, Department of Anthropology, The University of Pennsylvania*

Conocimiento indígena e información digital de secuencias digitales (IDS) en México, ¿El desarrollo de IDS puede generar apropiación del conocimiento indígena? *Arcelia González, Universidad Autónoma Metropolitana Azcapotzalco*

Chair:

Randall C Burson, Department of Anthropology, The University of Pennsylvania

Session Organizer:

Conference Chairs, 4S/ESOCITE

383. Disciplines, expertise and knowledge in action III

2:00 to 4:00 pm

Building D: D105

Participants:

Competencias disciplinares como construcción de nichos
Agustin Mauro

Construction and enactment of interdisciplinarity in liberal arts and science education: A grounded theory case study *Xin Ming, University of Twente (the Netherlands); Miles MacLeod, University of Twente; Jan van der Veen, Eindhoven University of Technology*

Electronic Engineers in Mexico: From Printed Circuit Board Designers to Welders and Creative Materials *Alba Rosas Flores*

Role of Indian scientists *Raghvendra Singh Yadav*

Chair:

Raghvendra Singh Yadav

Session Organizer:

Conference Chairs, 4S/ESOCITE

384. Government of / as / by App(s) II: State-Capital Relations

2:00 to 4:00 pm

Building D: D202

Participants:

Imagined Computing: Public Digital Infrastructures and Techno-Entrepreneurship in India *Sandeep Mertia, New York University*

India Stack and Micro-loan app scams: Financial Inclusion with Alternative Data Footprints *Rahul Mukherjee, University of Pennsylvania*

(Software) Development as Modernity *Michel Wahome, UCL*

The Politics of “Platforms/pingtai”: How to Govern Social Media as Speech Institutions *Angela Xiao Wu, New York University*

Chair:

Tong Lam, University of Toronto

Session Organizers:

Sandeep Mertia, New York University

Nafis Aziz Hasan, The University of Pennsylvania

Aakash Solanki, The University of Toronto

385. Arts, Cultures, Cultural Industries and Heritages: objects for STS II

2:00 to 4:00 pm

Building D: D205

Participants:

Archival Futures: Directions for Archival Interfaces in Virtual Reality *Elina Lex, Concordia University (Montreal, CANADA)*

“Building Peace in the Minds of Men”: UNESCO, The World Digital Library, and the Politics of World Heritage *Caroline Mason, Rensselaer Polytechnic Institute - STS*

Performing Recording Technology: The Production and Construction of Sound Artefacts *Qiushi Xu, Southern University of Science and Technology (SUSTech)*

The Noise/Music at the Edge of Western Extractivism *Ezra Teboul, CIRMMT, McGill University*

Stabilization of human and non-human actants: exploring sound control rooms activity during rehearsals of a major live performance *Elodie Fischer, University of Fribourg*

Chair:

Dominique Vinck, University of Lausanne

Session Organizers:

Mylène Tanferri, Université de Lausanne

Tatiana Smirnova, STS Lab, University of Lausanne

Fischer Elodie, UNIL

Dominique Vinck, University of Lausanne

386. La caza furtiva: La promesa de la justicia multiespecies

2:00 to 4:00 pm

Building F: F008-F009

Presenters:

Joshua Evans, Center for Biosustainability, Technical University of Denmark

Liliana Riva Palacio, Proyecto Concentrarte

Chairs:

Julieta Aranda, e-flux

Steven Gonzalez, MIT

Session Organizers:

Sophie Marie Helene Chao, The University of Sydney

Eben Kirksey, Deakin University

387. Justice in Flux: The Moral Challenges of Water and Energy Infrastructures

4:30 to 6:30 pm

Building A: A008

Participants:

Exploring moral issues on Direct Potable Reuse. A water justice perspective. *Karen Moesker, PhD candidate*

Revisiting energy justice: from wicked problems to normative uncertainties *Nynke van Uffelen, TU Delft; Udo Pesch, Delft University of Technology*

Technical Term or Environmental Injustice Tool? Power asymmetries and the Concept of “Ecological Flow” *Renato Ponciano, Universidad de San Carlos de Guatemala*

Chair:

Renato Ponciano, Universidad de San Carlos de Guatemala

Session Organizer:

Karen Moesker, PhD candidate

388. Fermentation in the age of the Anthropocene

4:30 to 6:30 pm

Building A: A012

Participants:

Consipience: Knowing Together by Tasting Together, Within and Across Species *Joshua Evans, Center for Biosustainability, Technical University of Denmark*

Fermentation boom and bioeconomy *Aya Hirata Kimura, University of Hawaii*

When Native American Fermentation met European Biocapitalism *Justin Linds, PhD Candidate*

The Food Without the Organism: The Problem(s) With Using Microbes To Bypass Macrobes In Precision Fermentation *Maya Hey, Colorado State University*

Chair:

Aya Hirata Kimura, University of Hawaii

Session Organizer:

Aya Hirata Kimura, University of Hawaii

389. Managing Editor Roundtable for Open Access Journals

4:30 to 6:30 pm

Building A: A104

Chair:

Barkha Satish Kagliwal, Cornell University, Department of S&TS

Session Organizers:

Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

Angela Okune, University of California - Irvine

Misria Shaik Ali, Rensselaer Polytechnic Institute

390. Provincializing Mathematics / Provincializando las/a Matemática/s II

4:30 to 6:30 pm

Building A: A106

Participants:

Os dominantes do campo da matemática: problematizando a formação de professores em universidades públicas do Brasil
Denise Vilela, Universidade Federal de São Carlos - UFSCar

“The Rules Are Fixed, and One Must Survive”:

Mathematicians’ Accounts of Their Field in Chile
Fernando Valenzuela, Universidad Andres Bello; Mariel Saez; Maria Isabel Cortez, Pontificia Universidad Católica de Chile

Mosaic of the Senate of the World Mathematical Societies: A Preliminary Study Based on Qualitative Data Analysis
Zheng Li, National Academy of Innovation Strategy, CAST; Lei Huang, The Chinese Mathematical Society; Xiaohuan Wang, Academy of Mathematical and Systems Science, Chinese Academy of Sciences; Jing Zhao, Academy of Mathematical and Systems Science, Chinese Academy of Sciences; Di Liu, College of Metropolitan Transportation, Beijing University of Technology

Heterolingual Translation in the Theories and Institutions of Modern Mathematics
Michael J Barany, University of Edinburgh

Chair:

Zheng Li, National Academy of Innovation Strategy, CAST

Session Organizer:

Michael J Barany, University of Edinburgh

391. Living Book Encounters: Experiments in Rewriting

4:30 to 6:30 pm

Building A: A110

Participants:

Talleres Electrónicos
Rebekka Kiesewetter, Centre for Postdigital Cultures, Coventry University, UK

Combinatorial Books: Gathering Flowers
Janneke Adema, Coventry University

Re-writing the Unthinkable: Gathering Flowers in the Nuclear Age
Gabriela Mendez Cota, Universidad Iberoamericana Ciudad de Mexico

Writing with (ro)bots
Mayra Roffe Gutman; Juan Pablo Anaya, 17, instituto de estudios críticos

Chair:

Janneke Adema, Coventry University

Session Organizer:

Janneke Adema, Coventry University

392. Making a difference in the analysis of global inequalities: classification, materiality, practice

4:30 to 6:30 pm

Building A: A112

Participants:

Breeding white Karakul sheep: analysing inequalities of breeding science of a no-longer-cash crop
Eleanor Schaumann, University of Bayreuth

„I eat a cauliflower” – how relationalities of food challenge categories of citizenship and migration
Sabine Netz, University of Bayreuth

Climate Change, Risk, and “Inclusion” at the Global Margins
Amiel Bize, Cornell University

Discussants:

Sarah Blacker, York University

Thiago Pinto Barbosa, Universität Bayreuth / Vrije Universiteit Amsterdam

Chair:

Katharina Schramm

Session Organizer:

Thiago Pinto Barbosa, Universität Bayreuth / Vrije Universiteit Amsterdam

393. Author meets critics: 2022 Carson Prize - Kregg

Hetherington

4:30 to 6:30 pm

Building A: A202

Participant:

The Government of Beans: Regulating Life in the Age of Monocrops
Kregg Hetherington, Concordia University

Discussant:

Sophie Marie Helene Chao, The University of Sydney

Chair:

Duygu Kasdogan, İzmir Katip Çelebi University

Session Organizer:

Duygu Kasdogan, İzmir Katip Çelebi University

394. Scales and Styles of Technical Systems II: Insights from Histories of Infrastructure

4:30 to 6:30 pm

Building A: A204

Participants:

Coastal Telegraph: Seaside Stations and Submerged Cables
Sebastian Rose, Department of History, Greenwich University

From Millstones to Roller Mills: A History of the Development of Wheat Processing Infrastructure in France, 1860-1914
Maxime Guesnon, Centre Alexandre Koyré, École de Haute Etudes en Sciences Sociales

Reconceptualizing Postcolonial Infrastructural Development through the Mobilisation of the Masses: The case of India
Sandip Kana, Department of History, King's College London

Infrastructure Reconfigured: Engineering Expertise and the National Telegraphic System in Nineteenth-Century Chile
Francisca Valenzuela, King's College London

Debt and Credit: Revisiting Housing and Urban Infrastructures History in Colombia
Jeimy Alejandra Arias Castaño, Department of Geography, Montreal University

Chair:

Jeimy Alejandra Arias Castaño, Department of Geography, Montreal University

Session Organizer:

Viswanathan Venkataraman, King's College London

395. Social robots and care: promises and pitfalls II

4:30 to 6:30 pm

Building B: B105

Participants:

- Care Robotics and Social Clean Room (SCR): On the Nature and Limitations of Participatory Technology Development *Hironori Matsuzaki, University of Oldenburg*
- Robot Drama. Investigating frictions between promise and demonstration in care robotics *Benjamin Lipp, Cornell University*
- Staging Paro: The Socio-Material and Political Conditions of a Care Robot's Testing in Geriatrics *Martin Chevallier, EHESS - Centre d'Etude des Mouvements Sociaux*
- All Play and No Work? Analyzing Sociotechnical Sociality in Robotics Labs *Emilie Grybos, Annenberg School for Communication, University of Pennsylvania; Jessa Lingel, University of Pennsylvania, Annenberg School for Communication; Daniel E. Koditschek, School of Engineering and Applied Science, University of Pennsylvania*
- The Entwinement Of Policy, Design And Care Scripts – Providing Alternative Choice-Dependency Situations With Care Robotics *Niels Christian Nickelsen, Aarhus Univeristy*

Discussant:

James Wright, The Alan Turing Institute

Chair:

NAONORI KODATE, University College Dublin

Session Organizers:

- Boris Hauray*, Inserm
- NAONORI KODATE*, University College Dublin
- Sébastien Dalgalarondo*, EHESS/CNRS
- Martin Chevallier*, EHESS - Centre d'Etude des Mouvements Sociaux

396. STS Engagements with Critical Mineral Studies II

4:30 to 6:30 pm

Building B: B108

Participants:

- Invoking the Periodic Table: Lithium's entanglements and arguments from scalar constraints *Joshua DiCaglio, Texas A&M*
- Lithium Futures in Chile, Argentina, and the United States *Javiera Barandiaran, University of California, Santa Barbara*
- Materiality Across the Periodic Table: A History of US Materials Policy *Julia Byeon, Princeton University*
- The Inverted Minescape of Critical Minerality *Alexander Jenseth, Rensselaer Polytechnic Institute - STS*
- The Limits and Possibilities of "Extractive Recovery": Reuniting Community, Recuperating Ecology and Reconfiguring Energy *James J. A. Blair, California State Polytechnic University, Pomona*

Chair:

James J. A. Blair, California State Polytechnic University, Pomona

Session Organizer:

Kirk Jalbert, Arizona State University

397. With Substance: Rethinking Drugs, Technofixes, and the (Geo)Politics of Harm II

4:30 to 6:30 pm

Building C: C108

Participants:

Organized Knowledge Production by People who Use Drugs:

- Ethical Collaborative Research During the Overdose Epidemic *Sarah Brothers, Pennsylvania State University*
- Chemical Kin: The Political Lives of Drugs, Placentas, and Neurons *Danielle Kabella, ASU School of the Future of Innovation in Society*
- Whiteout: How Racial Capitalism Changed the Color of Opioids in America *Helena Hansen, University of California Los Angeles (UCLA)*

Session Organizers:

Aster Parrott, Cortland Area Communities That Care

Lisa Lehner, Cornell University

398. Speculation in our eyes: fictions for thinking about STS II

4:30 to 6:30 pm

Building C: C204

Participants:

- What We Can Learn From Computing, Ethics, and Society Students' Imagined Techno-Futures *Natalie Araujo Melo, Northwestern University; Sarah Van Wart, Northwestern University; Sepehr Vakil, Northwestern University*
- TainoFuturism: Speculation as Decolonial Justice and the Promise of Fiction as Method *Steven Gonzalez, MIT*
- Futures fiction: Collaborations with the unknown *Horst Rachel, The University of British Columbia*

Chair:

Juan Felipe Guevara-Aristizabal, Universidad Autónoma Metropolitana-Cuajimalpa, México

Session Organizers:

Juan Felipe Guevara-Aristizabal, Universidad Autónoma Metropolitana-Cuajimalpa, México

Agustín Mercado, Centro de Investigaciones Interdisciplinarias en Ciencias y Humanidades, UNAM

399. Author Meets Critics with David Nemer

4:30 to 6:30 pm

Building C: C210

Participant:

Technology of the Oppressed *David Nemer, University of Virginia*

Discussants:

- Lucy Suchman*, Lancaster University, UK
- Ivan da Costa Marques*, Universidade Federal do Rio de Janeiro
- Steven Jackson*, Cornell University
- Raoni Rajão*, Federal University of Minas Gerais (UFMG)
- Lilly Irani*, University of California, San Diego
- Raquel Velho*, Rensselaer Polytechnic Institute
- Morgan G. Ames*, CSTMS/School of Information, UC Berkeley

Chair:

Melissa Adler, Western University

Session Organizer:

Melissa Adler, Western University

400. Responsible Research and Innovation and Animal-based Food Systems: From the Lab to the Meat Production Unit

4:30 to 6:30 pm

Building D: D008

Participants:

Recognise, Replace, Refine: 3Rs for sustainable meat-use as guides for Responsible Research and Innovation *Sophia Efstathiou, Norwegian University of Science & Technology (NTNU)*

Scientific Intermediation in the Emergence and Implementation of Animal Welfare Standards: The Case of the European Ban on Sow Stalls *Sebastian Billows, INRAE, IRISSE; Marc-Olivier Déplaud, French National Institute for Agricultural research*

Placing values in the design of meat production in Greece: Tracking material entanglements, path dependencies and responsibility *Stathis Arapostathis, National and Kapodistrian University of Athens*

Chair:

Stathis Arapostathis, National and Kapodistrian University of Athens

Session Organizer:

Stathis Arapostathis, National and Kapodistrian University of Athens

401. Gender and Labour

4:30 to 6:30 pm

Building D: D102

Participants:

Female Game Companions in China: The Agency of Female Affect Labor in the Platforms and Patriarchal Hierarchy *Nansong Zhou, New York University*

Injusticias de género en ciencia. Estado de la cuestión y propuesta conceptual *Sacha Victoria Lione, Instituto de Humanidades y Ciencias Sociales del Litoral (IHUCSO UNL-CONICET)*

Mujeres Y Trabajo Informático. Repensado Barreras De Género Y Oportunidades En La Industria Del Software Argentina *Martina Lassalle, Centro de Ciencia, Tecnología y Sociedad Universidad Maimonides*

Chair:

Sacha Victoria Lione, Instituto de Humanidades y Ciencias Sociales del Litoral (IHUCSO UNL-CONICET)

Session Organizer:

Conference Chairs, 4S/ESOCITE

402. ICT and education

4:30 to 6:30 pm

Building D: D108

Participants:

Addressing the issues and challenges of digital technology in the classroom: the case of two interdisciplinary seminars at the HEP Vaud *Julien Bugmann, Haute école pédagogique de Vaud; Heidi Gautschi, Haute école pédagogique de Vaud*

Incorrectly CORECTLY: Computational Thinking with LatinX Youth in Rural California *Rouhollah Aghasaleh, California State Polytechnic University, Humboldt; Haydee Burrola, California State Polytechnic University, Humboldt*

Tecnologias sociais lúdicas na educação para os ODS *Maria das Graças Rojas Soto, UTFPR Universidade Federal Tecnológica Federal do Paraná; Maclovia Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Tecnologías en la práctica docente y la extensión universitaria *Maria Sara De Lima Dias, Universidad Tecnológica Federal del Paraná (UTFPR); Paula Caldas Brognoli*

Chair:

Maria Sara de Lima Dias, UTPR

Session Organizer:

Conference Chairs, 4S/ESOCITE

403. Government of / as / by App(s) III: State-Citizen Relations

4:30 to 6:30 pm

Building D: D202

Participants:

Between Meters and Apps: Formatting the “Hail” and the Transaction as Public Technology *William F Stafford Jr, University of Toronto Mississauga*

The Failed Biometric State: Afghanistan’s Use of Biometric Technology in Elections *Ali Karimi, University of Pennsylvania*

The Platformization of the Public Distribution System in Delhi, India *Guillaume Dandurand, INRS*

‘Tool’ For Service Delivery Or Service Delivery Because Of The ‘Tool’? *Sarvesh Tewari*

Chair:

Ranjit Pal Singh, Data & Society Research Institute

Session Organizers:

Sandeep Mertia, New York University

Nafis Aziz Hasan, The University of Pennsylvania

Aakash Solanki, The University of Toronto

404. Sonido street technologies and culture: a SST demonstration and dance

4:30 to 6:30 pm

Foro de lasArtes/Arts Forum: Foro de las Artes

Chair:

Yael Gerson, Goldsmiths, University of London

Session Organizer:

Aadita Chaudhury, Goldsmiths, University of London/York University, Canada