MONDAY, DECEMBER, 5

001. Pre-Conference Writing Workshop I
2:30 to 6:30 pm
Building B: B 201
Session Organizers:
   Laura Foster, Indiana University - Bloomington

TUESDAY, DECEMBER, 6

002. 4S Council Meeting
9:00 to 1:00 pm
Building C:C C108
Session Organizer:
   Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

003. Pre-Conference Writing Workshop II
9:30 to 6:30 pm
Building B: B 201
Session Organizer:
   Laura Foster, Indiana University - Bloomington

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)*
Chair:
   Jennifer J Henderson, Texas Tech University
Session Organizer:
   Raoni Rajão, Federal University of Minas Gerais (UFMG)

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; María 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*
Chair:
   Mauricio Najarro
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*
   Astrological Genealogies of Artificial Intelligence: From Pseudo-Sciences of Divination to Algorithmic Sciences of Prediction *Leona Nikolic, 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:
Marc Bubeck, LMU Munich

Session Organizer:
Barbara Beata Baczynska, Nord University

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 Mentale 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 Organizer:
Patrick Baur, University of Rhode Island

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 *Tomi Dufva, Aalto-university; Henrika Ylirisku, Aalto University, the school of Arts, Design and Architecture*

Chair:
Tomi 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, Universitè 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. 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*

Chair:
Sergio Gustavo Astorga, CONACYT/ UAM Xochimilco
Session Organizer:
Yolanda Cristina Massieu Trigo, UAM

018. 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 datafication, 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*

Chair:
Juan Ortiz Freuler, Berkman Klein Center / Annenberg, USC

019. 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; Kathryne Metcalf, University of California San Diego*

Budget IVF: Assessing American use of low-cost IVF across the politically contested US-Mexico border *Chloe Sariego, Yale University*

ELSI/RRI emphasized frames for biotechnology in the Japanese coverage: a comparative analysis between genetic modification, regenerative medicine, and brain-science *Kohei Takeda, Osaka Univerisity; Megumi Komata, Graduate School of Arts and Sciences, the university of Tokyo; Kanako Takae, Waseda Institute of Political Economy; Mikihito Tanaka, Waseda University; Ryuma Shineha, Osaka Univerisity*

Chair:
Kohei Takeda, Osaka Univerisity

020. 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, Ryerson University*

All Artificial Intelligence is Normative: Politics of Efficiency, Technological Fixes & Structural Problems *Inga Ulnicane, De Montfort University*

Critical theory and artificial intelligence: for a critique of algorithmic rationality *Fabien Richert, Université du Québec à Montréal (UQAM)*

Chair:
Fabien Richert, Université du Québec à Montréal (UQAM)

021. 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, Rutgers University - New Jersey, USA*

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, University of Ottawa; 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*

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

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

022. Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries I
8:30 to 10:30 am

Building C: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; Maíra Fernandes Costa; Mário Lopes Amorim, UTFPR; Wanderlei José Deina*

Chair:
Helen Vanessa Melezinski, Universidade Tecnológica Federal do Paraná - UTFPR

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

023. Retooling Global Science & Technology Studies (STS): New Analytics for the Post-COVID Age
8:30 to 10:30 am
Building C:C C110
Participants:

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*

The Science Policy Script, Revised *Alexandra Hofmaenner, University of Basel*

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

024. In Memoriam-Día de Muertos Project I
8:30 to 2:00 pm
Gymnasium

Session Organizer:
Sandra Patricia Gonzalez-Santos, Universidad Anahuac

025. 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

026. 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

027. 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*
Religious and Humanist Tension in Čapek's foundational 1920 play RUR (which coined the word "Robot") *Dennis Jerz, Seton Hill University*
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

028. 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

029. 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*
Chair:
Michaela Th. Mayrhofer, BBMRI-ERIC
Session Organizers:
Mónica Cano Abadía, BBMRI-ERIC
Kaya Akyüz, University of Vienna

030. Health Emergencies and Reconfigurations of Governance I: Authority, Science, and Policy
11:00 to 1:00 pm
Building A: A112
Participants:
Academic Sciences vs. Public Health Authorities. Models, Evidence and the Reconfiguration of Germany's Pandemic Response *Phillip H. Roth, RWTH Aachen University*

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 timeframes 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*

Discussant:
Steve G. Hoffman, University of Toronto
Chair:
Sabrina Huizenga, Erasmus University Rotterdam
Session Organizer:
Michael Rabi, The Hebrew University of Jerusalem

031. Feminicide Data Activism
11:00 to 1:00 pm
Building A: A202
Presenters:
Aimee Zambrano Ortiz, Utopix—Monitor de Feminicidios
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:
Saide Mobayed, University of Cambridge
Session Organizer:
Helena Suárez Val, University of Warwick

032. 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*
Chair:
Theresa Selfa, SUNY ESF Environmental Studies
Session Organizer:
Tomiko Yamaguchi, International Christian University

033. 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

034. 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*
Chair:
Michelle Chauvet, Universidad Autónoma Metropolitana-Azcapotzalco, México
Session Organizer:
Patrick Baur, University of Rhode Island

035. 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*
Chair:
Martin Andrés Perez Comisso
Session Organizer:
Martin Andrés Perez Comisso

036. 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

037. 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*

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

038. 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, Benemérita Universidad Autónoma de Puebla*

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*

Chair:
Patricia Daniela Reyes Benavides, University of Twente

039. 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*

Chair:
Sergio Latorre, Universidad del Norte

Session Organizer:
Seyi Olojo, University of California, Berkeley

040. 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 Penteado, 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)*

Chair:
Chrys Vilvang, Concordia University (Montreal, CANADA)

041. Technology Sovereignty in Food and Agriculture: TS, open source, tech assessment
11:00 to 1:00 pm
Building C:C204
Participants:

Agronanotecnología, 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*

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

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

042. **Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries II**
11:00 to 1:00 pm
Building C: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; Luís Marcelo Bessa Maretti, UTFPR/PPGTE*

Crítica práxica 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*

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*

Chair:
Anita Ferreira, 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

043. **Universities recuperating during environmental, health, and social crises**
11:00 to 1:00 pm
Building C: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 Cristofoletti, 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*

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

044. **Art, Science, and Technology Studies**
11:00 to 1:00 pm
Building C: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*

Discussants:
Kathryn de Ridder-Vignone, South Carolina Governor's School for Science & Mathematics
Lissette Lorenz, Cornell University

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

045. **Author-Meets-Critics: "Viral Cultures" (Marika Cifor) and "The Distance Cure" by Hannah Zeavin**
11:00 to 1:00 pm
Building C:C C110
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

046. The Promise of Multispecies Justice Reception
11:00 to 2:00 pm
Building G: G009-G010
Chair:
Eben Kirksey, Deakin University
Session Organizer:
Eben Kirksey, Deakin University

047. 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

048. 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*
Chair:
Vanessa Páez, Escuela Politécnica Nacional
Session Organizer:
Vanessa Páez, Escuela Politécnica Nacional

049. Contemporary issues of Contagion without Infection
2:00 to 4:00 pm
Building G: 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

050. 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*
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

051. 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 latinomericanos *Bárbara Magalhaes de Aguiar Oliveira*
Session Organizers:
Henry Chavez, CEPED - Paris Université Cité - IRD
María Belén Albornoz, FLACSO Latin American Social Studies Faculty

052. 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
Session Organizer:
Michaela Th. Mayrhofer, BBMRI-ERIC

053. Health Emergencies and Reconfigurations of Governance III: Neoliberalism and Privatization
2:00 to 4:00 pm
Building A: A112
Participants:

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*

Communities That Say They Care: Responsibility and the Pandemic University *Elizabeth Dietz, Arizona State University*

Discussant:
Natalia Nino-Machado, Universidad de los Andes, Bogotá, Colombia
Chair:
Rebecca Melanie Irons, University College London
Session Organizer:
Michael Rabi, The Hebrew University of Jerusalem

054. 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

055. 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

056. 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 Univerity*

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 Wisconsin - Milwaukee; Aneesh Aneesh, University Of Oregon*

Chair:
Linzhou Xing, Georgia Institute of Technology
Session Organizer:
Patrick Baur, University of Rhode Island

057. 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 Wyman, Arizona State University*

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

058. 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 Univerity; 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

059. STS Structures & Agencies: Scholarship in Curricular Practice I
2:00 to 4:00 pm
Building B: B108
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, University of Virginia*

Discussant:
Emily York, James Madison University

Chair:
Megan Halpern, Michigan State University

Session Organizers:
Elizabeth A. Reddy, Colorado School Of Mines
Kari Zacharias

060. 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*

Chair:
Zsuzsanna Vargha, ESCP Business School

061. 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*

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

062. 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:
Julie Snorek, Dartmouth College
Session Organizer:
Barbara Van Dyck, Centre for Agroecology, Water and Resilience, Coventry University

063. 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

064. Teaching, Research and Extension for Dialogic (re)Constructions Between Universities and Peripheries III
2:00 to 4:00 pm
Building C: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

065. Not Returning To Normal: Examining and Contesting Power in the COVID-19 Era I
2:00 to 4:00 pm
Building C: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*

Chair:
Rouhollah Aghasaleh, California State Polytechnic University, Humboldt

Session Organizer:
Matthew Weinstein, Univ. Of Washington-Tacoma

066. **Open Hardware: Perspectives on Open Science Beyond Access to Data and Publications**
2:00 to 4:00 pm
Building C:C C110
Participants:

Can communities produce complex technology? Looking into Space for insight *Lucas Lemos, Tallinn University of Technology; Christos Giotitsas, Tallinn University of Technology*

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:
Mariano Fressoli, Centro de Investigaciones para la Transformación (CENIT-UNSAM)

Chair:
Shannon Dosemagen, Open Environmental Data Project

Session Organizer:
Julieta Arancio, Drexel University Center for Science, Technology & Society

067. **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 astronoetics: Cosmopolitics and Cosmopoetics from the Margins *Anne Warren Johnson, Universidad Iberoamericana Cuidad de Mexico*

Chair:
Anne Warren Johnson, Universidad Iberoamericana Cuidad de Mexico

Session Organizer:
Daniel Vizuete, FLACSO Ecuador

068. **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 metalmecánica de Ecuador. *Anderson Argothy, Universidad Técnica de Ambato*

Chair:
Anderson Argothy, Universidad Técnica de Ambato

Session Organizer:
Silvestre Labiak JR., UTFPR / PPGTE

069. **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 - Centre de Sociologie des Organisations*

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

Chair:
Charlotte Glinel, CNRS - Centre de Sociologie des Organisations

Session Organizers:
Liliana Doganova, Mines ParisTech
Brice Laurent, ARMINES

070. **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 HazardsScales 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*

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

071. **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

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

072. **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; Mikihito 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

073. **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

074. **(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*

Chair:
Laura Barbier, CERMES3
Session Organizers:
Lisa Claussmann, Université Paris Cité, CERMES3
Maël Goumri, CERMES3 INSERM U988
Justyna Moizard-Lanvin, Université Paris Cité / Cermes3

075. **STS Structures & Agencies: Scholarship in Curricular Practice II**
4:30 to 6:30 pm
Building B: B108
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 Nieusma, Colorado School of Mines*

Discussant:
Sarah Rebolloso McCullough, Feminist Research Institute, UC Davis

Chair:
Kari Zacharias

Session Organizer:
Elizabeth A. Reddy, Colorado School Of Mines

076. 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*

Measuring the Immeasurable: Creative Practice, Imagination and the Evaluation of Possibility *Ann Light, University of Sussex; Lara Houston, University of Sussex*

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

Chair:
Andrea Kominek, UTFPR

077. 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 Problematization 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

078. Post-truth in Latin American contexts
4:30 to 6:30 pm
Building C: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

079. Not Returning to Normal: Examining and Contesting Power in the COVID-19 Era II
4:30 to 6:30 pm
Building C: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*

Chair:
Rogelio Scott Insua, Cornell University

Session Organizer:
Patricia López Stewart

080. Welcome Reception
6:30 to 8:30 pm
Gymnasium
Session Organizers:
Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

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081. Making & Doing Central Exhibition
2:00 to 6:30 pm
Gymnasium

082. 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
Chair:
Sonja van Wichelen, University of Sydney
Session Organizer:
Sonja van Wichelen, University of Sydney

083. 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

084. 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 modelo 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

085. 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

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*

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*

Chair:
Lorenzo Dalvit, Rhodes University
Session Organizer:
Helena Moura Fietz, Rice University

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 Ruíz, 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; Matari Pierre, IIS-UNAM*

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

Chair:
Daniel Villavicencio, Univ. Autónoma Metropolitana-Xochimilco
Session Organizer:
Mariana Fernandez Massi, CONICET

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 Whitington, 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 nucleoeléctricos 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 Organizer:
Seyka Sandoval, UNAM

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. Unsettling Taxonomic Difference: Caring for More-Than-Human Ecologies I
8:30 to 10:30 am
Building D: D003
Participants:

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

The Buzz Around Town: Facilitating Multispecies Relations Through Environmental Education *Tyler King, Deakin Univeristy*

Traumatised Earth and incarcerated Lightning beings *Rose*

Bigheart O'Leary, University of California, Irvine; Benedict John Turner, University of California, Irvine

Chair:
Hina Walajahi, MIT HASTS
Session Organizer:
Salina Suri, Harvard University - History of Science

095. 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 *Jiangen 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)

096. 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*

Development as method: Building a Climate Research Database *Michael Hockenhull, IT University of Copenhagen*

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

097. 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 Lamoureaux, University of Siegen, Germany

098. 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

099. 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

100. 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*

Chair:
Lucas Moreira Furlan, Sao Paulo State University

101. 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

102. 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, Barrio Gas del Estado*

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

103. 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*

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

104. 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

105. Co-Creating Public Trust in Science through Responsive Science Communication
8:30 to 10:30 am
Building C: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*

Conflicts in the Amazon: the socio-environmental role of the bulletin "Observatory BR-319" *Juan Mattheus Costa, State University of Campinas - UNICAMP*

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)*

Chair:
Noemi Sanz Merino, University of Balearic Islands

Session Organizer:
Karina Juliana Francisco, State University of Campinas - UNICAMP

106. Living with Water - I
8:30 to 10:30 am
Building C: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

107. 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

108. 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*

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

109. 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

110. 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)

111. 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:
Ravi Shukla, Jawaharlal Nehru University
Session Organizer:
Ravi Shukla, Jawaharlal Nehru University

112. 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*
Discussant:
Andrew Lakoff, University of Southern California
Chair:
Lina Beatriz Pinto-Garcia, Universidad de los Andes
Session Organizer:
Bernardo Moreno Peniche, UC Berkeley

113. Decolonizing the Psychedelic Research Revival II
11:00 to 1:00 pm
Building A: A106
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*
Chairs:
Christine Hauskeller, University of Exeter
Ernesto Schwartz Marin, Exeter University
Session Organizers:
Christine Hauskeller, University of Exeter
Luis Eduardo Luna, Wasiwaska Research Center

114. 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, Assistent 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, Assistent 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

115. **Environmental Futures – Promoting Images Of Desirable Human-Nature Relationships I**
11:00 to 1:00 pm
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, RPI*

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

116. **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

117. **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

118. **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*

Chair:
Hannah Quinn, The University of Toronto

Session Organizer:
Rebecca Monteleone, University of Toledo

119. 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 Andesa; 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

120. Humanism vs Techno-Optimism in STS?
11:00 to 1:00 pm
Building B: B105
Participants:

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

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, Aalborg/Aarhus University*

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

Discussant:
Robert Rosenberger, Georgia Institute of Technology

Chair:
Cathrine Hasse, Aalborg/Aarhus University

Session Organizer:
Cathrine Hasse, Aalborg/Aarhus University

121. 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, Instituto de Investigaciones Económicas-Univ. de Buenos Aires

Session Organizer:
Daniel Villavicencio, UAM-Xochimilco

122. 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 Whitington, New York University*

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

Discussant:
Timothy Neale, Deakin University

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

Session Organizer:
Jerome Whitington, New York University

123. 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 Tecnologia*

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

124. **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

125. **Unsettling Taxonomic Difference: Caring for More-Than-Human Ecologies II**
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*

Chair:
Salina Suri, Harvard University - History of Science
Session Organizer:
Hina Walajahi, MIT HASTS

126. **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)*

The Urban Lab: Imaginative Work in the City *Sabrina Huizenga, Erasmus University Rotterdam; Dara Ivanova, Erasmus School of Health Policy and Management*

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)

127. **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*

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

128. **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

129. 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 Groupp, 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 Groupp, Stanford University
Aaron Hopes, Stanford University

Session Organizers:
Emilia Groupp, Stanford University
Aaron Hopes, Stanford University

130. Architecture and Urban STS II
11:00 to 1:00 pm
Building D: D105
Participants:

Gender And Urban Susutainable Mobility: An Ecofeminist Prespective *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

131. 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*

Chair:
Sergio Sismondo, Queen's University

132. 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

133. Underflows and Bad Dog: Authors Meet Critics
11:00 to 1:00 pm
Building D: D205
Participant:

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

Discussants:
Melina Packer, University of California, Riverside
Jia Hui Lee, Haverford College

Chair:
Cleo Woelfle Hazard, UW Seattle

134. 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*

Chair:
Nynke van Uffelen, TU Delft
Session Organizer:
Gloria Baigorrotegui, Instituto de Estudios Avanzados - Usach

135. 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 Rosemblatt, University Of Maryland College Park
Chair:
Karin Rosemblatt, University Of Maryland College Park
Session Organizer:
Julia E Rodriguez, University of New Hampshire

136. Productive Tensions between Critical STS Pedagogy and Critical STS
11:00 to 1:00 pm
Building C: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

137. Monitoring from below: Community-directed science and health inequities
11:00 to 1:00 pm
Building C: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 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*

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

Chair:
Nicole J. Wilson, University of Manitoba
Session Organizer:
Carolina Prado, San Francisco State University

138. Living with Water - II
11:00 to 1:00 pm
Building C: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*

Chair:
Dana Burton, George Washington University
Session Organizer:
Jacob Weger, Seton Hall 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. Cafézim: Latinx Scholars in the Global North Meet Up
1:00 to 2:00 pm
Building A: A205
Chair:
Raquel Velho, Rensselaer Polytechnic Institute
Raquel Velho, Rensselaer Polytechnic Institute

141. 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 technodemocráticos *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:
Analiese Richard, Universidad Autonoma Metropolitana
Chair:
Orlando Lara, University of California, Irvine
Session Organizers:
Analiese Richard, Universidad Autonoma Metropolitana
Victoria Bernal, UC, Irvine

142. Disentangling the Politics of Plastics II
2:00 to 4:00 pm
Building A: A008
Participants:
Circulare 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

143. 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

144. 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*
Chair:
Lindsay Adams Smith, Arizona State University
Session Organizer:
Ben Gansky, Arizona State University

145. 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 *Luísa 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

146. 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 Albini 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

147. 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 García 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*

Discussant:
Melina Gastelum, Universidad Nacional Autonoma De Mexico

Chair:
Melina Gastelum, Universidad Nacional Autonoma De Mexico

Session Organizer:
Melina Gastelum, Universidad Nacional Autonoma De Mexico

148. Another Research is Possible III
2:00 to 4:00 pm
Building A: A112
Participants:

Imagining possible possibilities: a discussion the collaborative 'Alternatives to Extractivism' project *Esther Anne Julia Miedema, Amsterdam Institute for Social Science Research, University of Amsterdam; Carla Braga, University Eduardo Mondlane; Evelien de Hoop, Athena Institute, Vrije Universiteit Amsterdam*

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 María; Nicolás Trujillo Osorio, Universidad Adolfo Ibañez*

Chair:

Gretchen Lynn Gano, Prescott College
Session Organizer:
Gretchen Lynn Gano, Prescott College

149. 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, Unilversité 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 Cuidad de Mexico*

Chair:
Maral Erol, Isik University

Session Organizer:
Sandra Patricia Gonzalez-Santos, Universidad Anahuac

150. 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

151. 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 *Letícia 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)

152. **Making & Doing: The Museum of Afrofuturities**
2:00 to 6:30 pm
Building C: Aula Magna C201

153. **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 Ábrego 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 algortimos en Bolivia *STEPHANIE Morón Terrazas, Universidad Iberoamericana Cuidad de Mexico*

Chair:

Stephanie Morón Terrazas, Universidad Iberoamericana Cuidad de Mexico

Session Organizer:

Gabriela Elisa Sued, UNAM

154. **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 *María Torres Martínez, Arizona State Univerity; 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

155. **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

156. **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 Whitington, New York University

157. Making & Doing: Projections
2:00 to 6:30 pm
Building B: B205

158. Making & Doing: Performances
2:00 to 6:30 pm
Building B: B206

159. 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 geoestacionario 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*
Chair:
Blanca Araceli Borja, Facultad de Economía -UNAM
Session Organizer:
Seyka Sandoval, UNAM

160. 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

161. 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

162. 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*
Chair:
Christy Spackman, SFIS - Arizona State University
Session Organizer:
Jia Hui Lee, Haverford College

163. 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 Psycholoy*
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; Amílcar 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 Psycholoy
Chairs:
Silvia Cataldi, Sapienza, University of Rome -- Department of Social and Developmental Psycholoy

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

164. 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

165. 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*

Hyperfinancialization and Speculative Communities: Exploring Public Interest in Emerging FinTech in Latin America *Salah Hamdoun; Martin Andrés Perez Comisso*

Chair:
Salah Hamdoun
Session Organizer:
Diego Zuluaga, INNCOMP

166. 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*

Synthetic Cell Laboratory Ethnography as a Method for Participatory and Reflective Research *Barbara Herr Harthorn, UC Santa Barbara; Jason Budge, University of California Santa Barbara; Laura Halcomb, University of California Santa Barbara*

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

Chair:
Barbara Herr Harthorn, UC Santa Barbara
Session Organizers:
Carolina Cruz-Vinaccia, McGill University, McGill Space Institute
Emma McKay, McGill University

167. 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 Molldrem, 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

168. Chips all the way down: Epistemologies and ontologies of the microchip
2:00 to 4:00 pm
Building C: 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

169. STS Engagements with civil society and social justice activism: case studies of collective experiences
2:00 to 4:00 pm
Building C:C C108
Participants:

Affordances of grassroots civic tech platforms against corruption in India *Anwesha 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)*

Chair:
Fernando Martin Mayoral, FLACSO Ecuador

Session Organizer:
Stephane Couture, Université de Montréal

170. Making and Doing: The Promises of Multispecies Justice A1
2:00 to 6:30 pm
Building F: F008-F009

171. Making and Doing: The Promises of Multispecies Justice B1
2:00 to 6:30 pm
Building G: G007-008

172. In Memoriam-Día de Muertos Project II
2:00 to 6:00 pm
Gymnasium
Session Organizer:
Sandra Patricia Gonzalez-Santos, Universidad Anahuac

173. 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 Siaumau, 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 Siaumau, 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

174. Emancipatory Technopolitics: community practices, alternative infrastructures, and emergent solidarities
4:30 to 6:30 pm
Building A: A102
Participants:

From Technopolitics to Cosmotechnics 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

175. 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*

Discussant:

Jerome Whitington, New York University

Chair:

Timothy Neale, Deakin University

Session Organizer:

Timothy Neale, Deakin University

176. **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*

Chair:

Lukas Engelmann, University of Edinburgh

Session Organizer:

Lukas Engelmann, University of Edinburgh

177. **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

178. **How Do We Socialize the Lab?**

4:30 to 6:30 pm

Building A: A204

Participants:

Radicalizing Scientists within the Academy: Research as Movement Work *Sarah Rebolloso McCullough, Feminist Research Institute, UC Davis*

STEM Pedagogy and Radical Critique *Prerna Srigyan, 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

179. **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

180. **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*

Discussant:

Julia Morales Fontanilla, University of Virginia

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

181. 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

182. Writing with Animacy: More-than-human conservation
4:30 to 6:30 pm
Building B: B111

Participants:

Conservation Drones as Boundary Devices *Naomi Millner, University of Bristol; Monica Amador, University of Bristol*

Coproducción de Conocimientos y Aprendizajes Ambientales en Experiencias de Conservación Comunitaria en el Sur global. El Caso de la Comunidad Ecológica Jardines de la Mintsïta (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 Bristol; 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 Bristol

183. 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 *María 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

184. 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:
Gabriel Grill, University of Michigan

Session Organizer:
Simon Egbert, University of Bielefeld

185. 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:
Stephanie Nairn, McGill University

186. 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*

Stabilizing People, Places & Things: Ethnographic Explorations of "Implementation Science" *Emily Claypool, University of Chicago; Kathryn R Berringer, University of Michigan*

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*

Chair:
Ivana Guarrasi, Minnesota State University, Mankato

187. 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*

Chair:
Liliana Gil, The New School

188. 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 power of emergent ownership technology – The case of NFT collectibles *Mikkel Nøjgaard, University of Southern Denmark; Konstantinos Lianidis, University of Southern Denmark; Mads Skovgaard, University of Southern Denmark*

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

189. 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

190. Inclusivity and Marginalization Within Innovation Processes
4:30 to 6:30 pm
Building C: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*

Negotiating Safety with Ride Share Technologies among Transgender Persons in Pakistan *sana illahe, South Dakota State University; Shiv Issar, University of Wisconsin - Milwaukee*

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

191. Suspicious Landscapes: the affective aftermath of war's technologies
4:30 to 6:30 pm
Building C:C C110
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

192. Bruno Latour: In Memoriam
4:30 to 6:30 pm
Auditorio Manuel Acévez
Presenters:
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
Chairs:
    Emma Kowal, Deakin University
    Leandro Rodriguez Medina, Universidad Autonoma Metropolitana-Azcapotzalco

193. 4S-ESOCITE Prize Session
6:30 to 8:30 pm
Gymnasium
Session Organizer:
Amanda Windle, Managing Director, 4S | Managing Editor, ESTS, *Ronald Cancino, Universidad de la Frontera*

194. East Asian Science, Technology and Society & Tapuya: Latin American Science, Technology and Society Joint Reception
8:30 to 10:30 pm
Cafetería: 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

195. 4S 2022 Presidential Panel
8:30 to 10:30 am
Gymnasium
Chair:
    Emma Kowal, Deakin University
Presenters:
    Gabriela Soto-Laveaga, Harvard University
    Andrea Ballestero, University of Southern California
    Vivette Garcia Deister, UNAM

196. Data De-Invisibilization: Visualizing the Dark Matter of Networks
11:00 to 1:00 pm
Building A: A004
Participants:
Data That Cares. Feminicide 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 Feminicide *Saide Mobayed, University of Cambridge*

Chair:
    Catherine D'Ignazio, Massachusetts Institute of Technology
Session Organizer:
    Matthew Battles Battles, The Arnold Arboretum of Harvard University

197. 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; Eurídice 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*
Chair:
    Lilia Esther Sarmiento, CSU Dominguez Hills
Session Organizer:
    Xenia Anaid Rueda, UNAM

198. Science, Technology, and Sport
11:00 to 1:00 pm
Building A: A102
Participants:
Behind The Drive To Survive Phenomenon *Raymundo Baltazar Rodríguez 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

199. 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

200. 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

201. The Next 4S Handbook of Science, Technology, and Society... and Beyond
11:00 to 1:00 pm
Building A: A110
Chair:
Christopher Kelty, UCLA
Session Organizer:
Christopher Kelty, UCLA

202. Escuela Nacional de Antropología e Historia (ENAH) Meet Up
11:00 to 1:00 pm
Building A: A112
Chair:
Fernando Ruiz Molina, ENAH
Session Organizer:
Fernando Ruiz Molina, ENAH

203. Género, Feminismos e Innovación para el Desarrollo
11:00 to 1:00 pm
Building A: A202
Participants:

Gender disparities in Editorial Boards of scholarly journals: the case of Latin American STEM journals *Ivonne Lujano, Arizona State Univerity*

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*

Chairs:
Márcia Tait, Laboratório de Tecnologias e Transformações Sociais/DPCT
Cecilia Matonte, Universidad de la República
Session Organizer:
María Florencia Trentini

204. 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*

Chair:
Sergio Ordóñez, IIEc-UNAM

205. 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

206. 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 Republica; maria goñi, Universidad de la República (Uruguay); Sofia Robaina, Universidad de la Republica*

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*

Chair:
Dominic Lusinchi

207. 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 Montserrath 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

208. **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:
Luísa Reis Castro, University of Southern California

Session Organizer:
Julia E Rodriguez, University of New Hampshire

209. **Making & Doing: Projections II**
11:00 to 2:00 pm
Building B: B205

210. **Making & Doing: Performances II**
11:00 to 2:00 pm
Building B: B206

211. **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 technolgy 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

212. **Extractivismo cognitivo, entre trayectorias de dependencia informacional y tensiones de imaginarios del desarrollismo de plataformas y la convergencia tecnológica**
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*

Solarpunk y la reconfiguración de los futuros posibles *Juan David Reina Rozo*

Chair:
Juan David Reina Rozo

213. **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*

Chair:
Ranjit Pal Singh, Data & Society Research Institute

Session Organizer:
Michelle Spektor, Massachusetts Institute of Technology

214. **Indigenous Knowledges and Technologies I**
11:00 to 1:00 pm
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

215. **Labor Tech Research Network Launch**
11:00 to 1:00 pm
Building D: D008
Chair:
Winifred Poster, Washington University, St. Louis
Winifred Poster, Washington University, St. Louis

216. **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

217. **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

218. **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

219. **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 *Chuncheng 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

220. **Multiple futures of energy and mobility transitions I**
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*

Chair:
Gisle Solbu, Norwegian University of Science and Technology

Session Organizers:
Gisle Solbu, Norwegian University of Science and Technology
Tomas Moe Skjølsvold

221. Anti-Encyclopedia - reconfiguring knowledge in academic practice
11:00 to 1:00 pm
Building C: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
Luísa Reis Castro, University of Southern California
Session Organizers:
Antonia Walford, University College London
Tania Pérez-Bustos, National University of Colombia
Atsuro Morita, Osaka University

222. Postphenomenology; Reimagining a World for Tomorrow Through Living Cities
11:00 to 1:00 pm
Building C: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:
Janelle Sarauw, Legislature of the Virgin Islands
Chair:
Allyson Tanzer, Gonzaga University
Session Organizer:
Roisin Lally, Gonzaga University

223. The Law and the Conflictive Reconfiguration of Collectives I
11:00 to 1:00 pm
Building C: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

224. Ciudanías Mediadas, Creaciones Intersubjetivas y Procesos de Transición Digital.
11:00 to 1:00 pm
Building C:C C110
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 Ciudadanías mediadas. El caso de las plataformas de gobierno digital. *Sara Guzman, Universitè 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, Universitè de Grenoble
Maria Clara Garavito Gómez, Universidad Nacional Autónoma de México

225. Making and Doing: The Promises of Multispecies Justice A2
11:00 to 2:00 pm
Building F: F008-F009

226. Making and Doing: The Promises of Multispecies Justice B2
11:00 to 2:00 pm
Building G: G007-008

227. Making & Doing Central Exhibition II
11:00 to 2:00 pm
Gymnasium

228. Empresas, trabajadores/as, estructuras sociales y subjetividades en el capitalismo informacional I
11:00 to 1:00 pm
Building H: H113-H116

Participants:

Plataformização do ensino público e a resistência não midiatizada no estado do Paraná *Maíra 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*

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*

Chairs:
Mariano Zukerfeld, CONICET, Universidad Maimónides
Natalia Berti, Universidad del Rosario

Session Organizers:
Carina Borrastero, CONICET / Universidad Nacional de Córdoba
Hernán Morero, CONICET, Universidad Nacional de Córdoba

229. 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 medecine*

Diagrammatic Visualisation *Rosemary Lee*

Modeling uncertainty on the smart farm *Rolien Hoyng, The Chinese University of Hong Kong*

Chair:
Jessa Lingel, University of Pennsylvania, Annenberg School for Communication

Session Organizer:
Diogo Pereira Henriques, Aarhus University

230. 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

231. "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

232. 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

233. 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)

234. (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

235. Decolonizing the Psychedelic Research Revival I
2:00 to 4:00 pm
Building A: A012
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*

Chair:
Amelia Fiske, Technical University Munich

Session Organizers:
Christine Hauskeller, University of Exeter
Osiris Sinuhé González Romero, University of Saskatchewan

236. 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

237. Disciplinary boundaries of STS: reflecting on its current state and future trajectories
2:00 to 4:00 pm
Building A: A106
Participants:

El campo académico CTS de América Latina visto a través de sus eventos periódicos *Noela Invernizzi, Universidade Federal do Paraná; Luciano Guillermo Levin, Universidad Nacional de Río Negro; Amílcar Davyt, Facultad de Ciencias / Universidad de la República*

Interdisciplinarity and its limits *Torsten H Voigt, RWTH Aachen University*

Los Sentidos en la Construcción del Conocimiento Periférico *Cristina Gabriela Flores, Barrio Gas del Estado*

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:
Val Arbonies-Flores, University of Illinois at Urbana-Champaign School of Information Sciences
Session Organizer:
Renato Ponciano, Universidad de San Carlos de Guatemala

238. 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

239. 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

240. 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

241. Making & Doing: The Museum of Afrofuturities II
2:00 to 6:30 pm
Building C: Aula Magna C201

242. 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 Univerity; 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)

243. **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

244. **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

245. **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*

How AI Impacts Healthcare Practice and Expertise: an Investigation Merging Ethnography and Philosophy of Technology *Eliana Bergamin, Erasmus Universiteit Rotterdam; Justien Dingelstad, Erasmus Universiteit; Iris Wallenburg, institute for Health Policy and Management*

Discussant:

Wanheng Hu, Cornell University

Chair:

Wanheng Hu, Cornell University

Session Organizer:

Wanheng Hu, Cornell University

246. **Organisms and/as Technologies I**
2:00 to 4:00 pm
Building B: B205
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

247. **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

248. 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*

Chair:
Aya Hirata Kimura, University of Hawaii

Session Organizer:
Aya Hirata Kimura, University of Hawaii

249. 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

250. 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)*

(Dis)Embodied inequalities in the(ir) Eurocene: ancient microbes, racial anthropometry, and dietary prescriptions *Coll de Lima Hutchison, London School of Hygiene and Tropical Medicine; Andrea Núñez Casal, University of Oxford, UK*

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)

251. Indigenous Knowledges and Technologies II
2:00 to 4:00 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

252. Labor Tech Research Network Launch: Interactive
2:00 to 4:00 pm
Building D: D008
Chair:
Winifred Poster, Washington University, St. Louis

Session Organizer:
Winifred Poster, Washington University, St. Louis

253. 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

254. 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*

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

255. 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

256. 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

257. 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:

Michelle Cowan, Texas Tech University

258. 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:

Amílcar Davyt, Facultad de Ciencias / Universidad de la República

Session Organizer:

Pablo Kreimer, CONICET

259. 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*

Video Analytics as Architectural Diagram: Standards, Abstraction and the Production of Legitimacy *Rebecca Smith, Taubman College of Architecture and Urban Planning, University of Michigan*

Chair:
Diogo Pereira Henriques, Aarhus University

Session Organizer:
Aaron Shapiro, The University of North Carolina at Chapel Hill

260. Multiple Futures of Energy and Mobility Transitions II: Visions, Imaginaries and Contestation
2:00 to 4:00 pm
Building C:C207
Participants:

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*

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*

Chair:
Rebecca Monteleone, University of Toledo

Session Organizer:
Gisle Solbu, Norwegian University of Science and Technology

261. 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: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 *Adjua 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

262. Bodies, embodiements & technology
2:00 to 4:00 pm
Building C: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*

Leaky bones and crappy data: extracting ancient DNA fragments from soil sediments *Matthaeus Rest, MPI for Evolutionary Anthropology*

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:
Matthaeus Rest, MPI for Evolutionary Anthropology

263. The Law and the Conflictive Reconfiguration of Collectives II
2:00 to 4:00 pm
Building C: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 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

264. Unpacking Resources from an STS Perspective
2:00 to 4:00 pm
Building C:C C110
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

265. **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 Mayland 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

266. **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, Lehigh University*

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

267. **Knowing the underground: Spatial and temporal depth beyond extractvism 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

268. **Holding Complex Encounters: Relating in Difference I**
2:00 to 4:00 pm
Building H: H011
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 Radicley 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

269. Empresas, trabajadores/as, estructuras sociales y subjetividades en el capitalismo informacional II
2:00 to 4:00 pm
Building H: H113-H116
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*

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

270. 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*

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

271. 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 Iribe Ramirez, University of Washington
Philip Garrison, University of Washington

272. 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 Kubrack, FHNW Academy of Art and Design*

Chair:
Anastasia Kubrack, FHNW Academy of Art and Design
Session Organizer:
Michaela Büsse, Humboldt University Berlin

273. 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 Heath 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

274. 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)*
Chair:
Natalie Trevino, Open University (UK)
Session Organizer:
Reka Gal, Faculty of Information, University of Toronto

275. 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 arboviroses 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

276. 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*
Chair:

Vasilis Vlassis, IT University of Copenhagen
Session Organizer:
Evangelia Papada, St. Andrews University

277. 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 Lehuedé, University of Cambridge
Chair:
Patricia Pena, University of Chile, Institute of Image and Communication
Session Organizer:
Sebastián Lehuedé, University of Cambridge

278. 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 Univerity; 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

279. 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*

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

280. 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*

The Politics of Data Reuse: Entangled Ecologies in Machine Learning infrastructures *Nanna Bonde Thylstrup, Copenhagen Business School; Kristian Bondo Hansen, Copenhagen Business School; Mikkel Flyverbom, Copenhagen Business School; Louise Amoore, Durham University*

Discussant:
Benjamin Lipp, Cornell University
Chair:
Benjamin Lipp, Cornell University
Session Organizer:
Wanheng Hu, Cornell University

281. Organisms and/as Technologies II
4:30 to 6:30 pm
Building B: B205
Participants:

Making "wild beers" with local yeasts. Activities and co-adaptations. *Santiago Kaderian, CONICET*

Troubling Responsibility: Innovation and Bottom-up Construction of Synthetic Life *Jason Budge, University of California Santa Barbara; Barbara Herr Harthorn, UC Santa Barbara; Laura Halcomb, University of California Santa Barbara*

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

282. 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 Inforamtion Studies, Syracuse University*

Chair:
Michelle Spektor, Massachusetts Institute of Technology
Session Organizer:
Ranjit Pal Singh, Data & Society Research Institute

283. 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

284. 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

285. 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" *Amílcar 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*

Chair:
Santiago Manuel Garrido, CONICET/Universidad Nacional de Quilmes
Session Organizer:
Maribel García Barrientos, UAM XOchimilco

286. 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

287. 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*

Chair:
Jungha Hwang, Seoul National University, Republic of Korea

288. (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*

Chair:
Abigail Nieves Delgado, Utrecht University, Utrecht, The Netherlands
Session Organizer:
Abigail Nieves Delgado, Utrecht University, Utrecht, The Netherlands

289. 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*

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*

Chair:

José Francisco Avila Castañeda, Universidad Autónoma Chapingo

290. 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; Nayantara 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 Antgropological Research*

Chair:

Noela Invernizzi, Universidade Federal do Paraná

Session Organizer:

Pablo Kreimer, CONICET

291. 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*

Transplanting "City in a Box": Neocolonial Export of Smart City Template from Songdo, South Korea To Thủ Đức City, Vietnam *Hyo Jung Kim*

Templates, Platforms, and the Urban Infrastructural Imagination *Aaron Shapiro, The University of North Carolina at Chapel Hill*

Tilting The Balance: From Censorship To Freedom Of Speech *Mwai Daka, University of Gloucester*

Chair:

Aaron Shapiro, The University of North Carolina at Chapel Hill

Session Organizer:

Jessa Lingel, University of Pennsylvania, Annenberg School for Communication

292. 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 Rozo*

Reconfigurations of Community-Engaged Research: Participatory & Digital Methods in a Refugee Camp *Negin Dahya, University of Toronto; Cansu Ekmekcioglu, University of Toronto*

Chair:

Maaz Gardezi, Virginia Tech

Session Organizer:

Edward Prutzer, Virginia Tech

293. 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: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*

Chair:

Ernesto Schwartz Marin, Exeter University

Session Organizer:

Arely Cruz Santiago, Exeter University

294. 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*

Chair:

Mara Dicenta, William & Mary

Session Organizers:

Tiago Saraiva, Drexel University
Mara Dicenta, William & Mary

295. Knowing the underground: Spatial and temporal depth beyond extractvism 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. *Martín 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*

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

296. **Holding Complex Encounters: Relating in Difference II**
4:30 to 6:30 pm
Building H: H011
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

297. **Banquet**
7:30 to 10:30 pm
Gymnasium
Session Organizer:

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

SATURDAY, DECEMBER, 10

298. **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

299. **Engaging From The Periphery: 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

Chair:

Belén Giménez Ciciolli, University of Siegen

Session Organizers:

Sarah Rüller, University of Siegen, Germany
Konstantin Aal, University of Siegen

300. **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:

Sandra Escutia Diaz

Session Organizer:

Xenia Anaid Rueda, UNAM

301. **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 Temas 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

302. **Reconfiguring "Ground:" Elemental Choreographies in Earthly Surfaces and Depths 1**
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*

Chair:
Gabriela Zamorano, El Colegio de Michoacan

Session Organizers:
Sandra Rozental, Universidad Autonoma Metropolitana
Miruna Achim, Universidad Autonoma Metropolitana Cuajimalpa

303. **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

304. **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*

Chair:
Sophie Toupin, Concordia University (Montreal, CANADA)

Session Organizer:
Fenwick McKelvey, Concordia University (Montreal, CANADA)

305. **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

306. 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 Telliel, Worcerster 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*

Chair:
Eunjeong Ma, Pohang University of Science and Technology
Session Organizer:
Eunjeong Ma, Pohang University of Science and Technology

307. Relations Between STS and Education for Sustainable Development (ESD) I
8:30 to 10:30 am
Building A: A204
Participants:

Alimentação Decolonial e o Debate sobre Processos Educativos: uma Experiência de Pesquisa com Docentes em Abordagem Interdisciplinar *Elisangela Christiane de Pinheiro Leite Munaretto, UTFPR Universidade Federal Tecnológica Federal do Paraná*

As Hortas Comunitárias nos espaços escolares no Programa Comunidade Escola no Município de Curitiba *Lígia 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

308. 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*

"Critical Re/Making": Rethinking Repair within Trans-Feminist-Queer Technologies and Collaborative Design Methods *Camille Intson, University of Toronto*

Chair:
Alissa Centivany, University of Western Ontario
Session Organizers:
Michelle Kaczmarek, The University of British Columbia
Alissa Centivany, University of Western Ontario

309. Sonido street technologies and culture: Workshop
8:30 to 10:30 am
Building C: Aula Magna C201
Session Organizer:
Yael Gerson, Goldsmiths, University of London

310. 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

311. 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

312. 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. *Sandra Widmer, York University, Canada*

The Necrobiome, A Reunion of Surroundings *Lee Claiborne Nelson*

Discussant:
Samara Brock, Yale University

Chair:
Erika Amethyst Szymanski, Colorado State University

Session Organizer:
Erika Amethyst Szymanski, Colorado State University

313. **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:
Gabriela Bortz, IESCT-UNQ (Institute of Science and Technology Studies - Universidad Nacional de Quilmes) / CONICET

Session Organizer:
Carolina Bagattolli, UFPR - Federal University of Paraná

314. **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)

315. **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*

Chair:
Simcha Jong, Leiden University

Session Organizer:
Richelle Boone, Leiden University

316. **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 Rippa, 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

317. **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 Haagensen, Department of Computer Science, Oslomet*

Chair:
    Carol Ting, University of Macau

318. 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*

Analysing the Ethical Ground of Unhealthy Anarchism of Health APPs: A Case study of Aarogya Setu App in India *Rahul Rauny, Centre for Social Medicine and Community Health, Jawaharlal Nehru University; Swati Kumari, Centre for Studies in Science Policy, Jawaharlal Nehru 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*

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

Chair:
    Ulrike Felt, University of Vienna, Department of Science and Technology Studies

319. 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*

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

320. Mesa redonda: Patchwork cartográfico socioambiental,

prótesis epistémicas para co-laborar
8:30 to 10:30 am
Building C: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

321. Climate Infrastructures I: Thinking with Carbon, Markets, and Governance
8:30 to 10:30 am
Building C: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

322. Scholarly Communication and Its Infrastructures
8:30 to 10:30 am
Building C:C C110
Participants:

Semantic Information Organization Improves Human-Data Interaction *wen lou, East China Normal University; Jiangen 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, 2Instituto de ciencias sociales y Humanidades "Alfonso Vélez Pliego" de la BUAP; Jazmìn Ivonne Gutièrrez-Maya, Colegio de Bibliotecología- UNAM*

323. Recuperating the Social Contract for Science and Education
8:30 to 10:30 am
Building C:C C110
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

324. 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

325. 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 espitemic 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*

Towards an Ecology of Critical Epistemologies *Camila Ramírez-Araujo; Eric Tolson-Solis, UMA*

Chair:
Gabriela Quezada Dotor, EHESS CAK Centre Alexandre Koyré
Session Organizer:
Xenia Anaid Rueda, UNAM

326. 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 Autonoma 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 *Márcio Moutinho Abdalla, Universidade Federal Fluminense; Pítias Teodoro, Universidade Federal Fluminense; Raphael da Costa Lima, Universidade Federal Fluminense; Luís Felipe Oliveira Alves da Silva, Universidade Federal Fluminense*

Chair:
Mariana Eva Di Bello, CONICET - UNQ- UNLP
Session Organizer:
Amilcar Davyt, Facultad de Ciencias / Universidad de la República

327. Reconfiguring "Ground:" Elemental Choreographies in Earthly Surfaces and Depths 2
11:00 to 1:00 pm
Building A: A104
Participants:

Views of the earth's interior: visuality 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

328. Monsters, Cyborgs, Humans: Trans STS and the Reassembly of Science and Technology II
11:00 to 1:00 pm
Building A: A106
Participants:

Living into Impossibility: Imagining Technologies for Liberatory Futures with Trans Communities of Color *Kai Chak Nham, UCLA Dept of Information Studies*

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

329. 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*

Chair:
Loup Cellard, Melbourne Law School

Session Organizer:
Fenwick McKelvey, Concordia University (Montreal, CANADA)

330. 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*

Coloniality of education in the era of Big Data: A theoretical discussion *Radhika Gorur, Deakin University; Nelli Piattoeva, Professor; Joyeeta Dey*

Choreographing 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 Sjödin, Mälardalen University, Sweden; Lina Rahm*

Chair:
Lesley Gourlay, UCL Institute of Education

Session Organizer:
Lesley Gourlay, UCL Institute of Education

331. 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

332. 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*

Chair:
Fenna Smits, University of Amsterdam
Session Organizers:
Michelle Kaczmarek, The University of British Columbia
Alissa Centivany, University of Western Ontario

333. 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*
Social Behavior and Identity in Extended Reality *Kata Szita, Trinity College Dublin*
Chair:
Beth Semel, Princeton University
Session Organizer:
Mitali Thakor, Wesleyan University

334. 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

335. Critical Studies of Innovation II
11:00 to 1:00 pm
Building C: C010
Participants:
Chasing Something Beautiful: Conceptions of Innovation in Canadian Provincial and Federal Politics *M.R. Sauter, University of Maryland, College Park*
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:
Carolina Bagattolli, UFPR - Federal University of Paraná
Session Organizer:
Noela Invernizzi, Universidade Federal do Paraná

336. 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)

337. 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

338. 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 Ó Briain O'Brien, UCD Centre for Sustainable Development Studies; 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

339. 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

340. 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

341. 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

342. Understanding biosocial technical system
11:00 to 1:00 pm
Building C: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 Biossociais: 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 *Yu-cheng 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

343. Writing with Animacy: Affect in human-non-human relations
11:00 to 1:00 pm
Building C:C C110

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 Bristol

Session Organizers:
Naomi Millner, University of Bristol
Monica Amador, University of Bristol

344. Sonido street technologies and culture: a SST demonstration and dance
11:00 to 2:00 pm
Foro de las Artes: Foro de las Artes
Chair:
Yael Gerson, Goldsmiths, University of london
Session Organizer:
Aadita Chaudhury, Goldsmiths, University of London/York University, Canada

345. 4S Business Meeting
11:00 to 1:00 pm
Building H: H113-H116
Session Organizer:
Amanda Windle, Managing Director, 4S | Managing Editor, ESTS

346. 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

347. 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*

Chair:
Sara Cohen Shabot, University of Haifa, Israel
Session Organizer:
Gabriela Elisa Sued, UNAM

348. 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); Maclovia 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); Maclovia 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; Maclovia Corrêa da Silva, Universidade Tecnológica Federal do Paraná*

Chair:
Maclovia Corrêa da Silva, Universidade Tecnológica Federal do Paraná
Session Organizer:
Libia Patricia Peralta Agudelo, UTFPR

349. 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

350. 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 Copehagen*

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

351. 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

352. 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, Universite 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

353. 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, Univesity 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 Dalgalarrondo, EHESS/CNRS
Naonori Kodate, University College Dublin
Martin Chevallier, EHESS - Centre d'Etude des Mouvements Sociaux

354. 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*

Chair:
Jonas Köppel, The Graduate Institute Geneva
Session Organizer:
Kirk Jalbert, Arizona State University

355. Towards a Terrestrial Internet: Rethinking Digital Networks from the Ground Up
2:00 to 4:00 pm
Building B: B111
Participants:

A sea of possibilities — submarine cables, fragile ecologies and corporate accountability in Marseille, France *clement marquet, ASU, CAK; Loup Cellard, Melbourne Law School*

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*

Chair:
Janna Frenzel, Concordia University, Montreal, Canada
Session Organizer:
Sebastián Lehuedé, University of Cambridge

356. 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)

357. Repair and Maintenance of Media Technologies: A Hybrid Approach
2:00 to 4:00 pm
Building D: D008
Participants:

Corrupted Blood, Corrupted Data: World of Warcraft and Maintenance and Repair as Sites of Conflict *Logan Brown, Indiana University; Marina Fontolan, University of Campinas (Unicamp), Department of Science and Technology Policy; Alexander John Daniel Mirowski, Catalent*

Reverse Engineering Reverse Engineering: an Ethics of Media Arts Maintenance and Conservation *Ezra Teboul, CIRMMT, McGill University*

Making Things for Better Economies: Induced Performativity and Actor-Network Repair-Design *Koray Caliskan, The New School*

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

358. 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, Hsinchu Mackay Memorial Hospital*

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*

Los achaguas y la búsqueda de la "reparación" de la técnica neoliberal. *Carolina Ardila-Luna, Universidad Manuela Beltrán; Manuel Leonardo Prada Rodríguez, Universidad Manuela Beltrán*

Chair:
Carolina Ardila-Luna, Universidad Manuela Beltrán

359. 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

360. 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

361. 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*

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

362. 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

363. Dialogos Sobre Interdisciplinariedade na Mudança Climática
2:00 to 4:00 pm
Building C:C207
Participant:

Meta-cognições na pesquisa interdisciplinar em mudança climática *Julia Guivant, Universidade Federal de Santa Catarina*

Discussants:

Marko Alves Monteiro, State University of Campinas - UNICAMP
Renzo Taddei, Federal University of Sao Paulo
Julia Silvia Guivant, federal university of santa catarina

Chair:

Julia Silvia Guivant, federal university of santa catarina

Session Organizer:

Julia Silvia Guivant, federal university of santa catarina

364. With Substance: Rethinking Drugs, Technofixes, and the (Geo)Politics of Harm I
2:00 to 4:00 pm
Building C: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

365. Medicine Man. Reconfigurations of Masculinity in times of increased Medicalization.
2:00 to 4:00 pm
Building C: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*

The Paternal Body in Sperm Epigenetics: Fertility, Heredity and Masculinity in Flux *Jessica Tatchell, King's College London*

Chair:
Michael Nebeling Petersen, University of Copenhagen, Faculty of Humanities

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

366. 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

367. 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*

Chair:
Aya Hirata Kimura, University of Hawaii

Session Organizer:
Aya Hirata Kimura, University of Hawaii

368. 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

369. 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

370. 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:
Juan Pablo Anaya, 17, instituto de estudios críticos

Session Organizer:
Janneke Adema, Coventry University

371. 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*

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

372. 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

373. 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 Dalgalarrondo, EHESS/CNRS
Martin Chevallier, EHESS - Centre d'Etude des Mouvements Sociaux

374. 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

375. 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, IRISSO; Marc-Olivier Déplaude, 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

376. Gender and Labour
4:30 to 6:30 pm
Building D: D102
Participants:

Care As An Act Of Subversion: Personalizing Gender Research Processes in Agricultural Development *Diana E. Lopez, Wageningen University & Research*

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)

377. 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 universitária *Maria Sara De Lima Dias, Universidad Tecnológica Federal del Paraná (UTFPR); Paula Caldas Brognoli*

Chair:
Maria Sara de Lima Dias, UTPR

378. 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

379. Speculation in our eyes: fictions for thinking about STS II
4:30 to 6:30 pm
Building C:C204
Participants:

Navegando hacia el Marino/OceanoPunk *Juan David Reina Rozo*

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*

TaínoFuturism: Speculation as Decolonial Justice and the Promise of Fiction as Method *Steven Gonzalez, MIT*

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

380. Carson Prize: Author Meets Critic
4:30 to 6:30 pm
Building C:C C105
Participant:

Carson Prize: Author Meets Critics *Duygu Kasdogan, İzmir Katip Çelebi University*

Session Organizer:
Duygu Kasdogan, İzmir Katip Çelebi University

381. With Substance: Rethinking Drugs, Technofixes, and the (Geo)Politics of Harm II
4:30 to 6:30 pm
Building C:C C108

Participants:

Eliding 'the Structural': Objectivity and the Politics of Evidence-based Reform in a Harm Reduction RCT *Emily Claypool, University of Chicago*

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*

Chair:

Danielle Kabella, ASU School of the Future of Innovation in Society

Session Organizers:

Aster Parrott, Cortland Area Communities That Care
Lisa Lehner, Cornell University

382. Author Meets Critics with David Nemer
4:30 to 6:30 pm
Building C:C C110
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)

Chair:

Melissa Adler, Western University

Session Organizer:

Melissa Adler, Western University

383. Poaching: The Promise of Multispecies Justice
4:30 to 6:30 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 Concentrarte

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

384. La caza furtiva: La promesa de la justicia multiespecies
2:00 to 4:00 pm
Building F: F008-F009
Presenters:

Liliana Riva Palacio, Proyecto Concentrarte
Joshua Evans, Center for Biosustainability, Technical

University of Denmark
Sophie Marie Helene Chao, The University of Sydney

Chairs:

Kristina Marie Lyons, University of Pennsylvania
Julieta Aranda, e-flux
Steven Gonzalez, MIT

Session Organizer:

Eben Kirksey, Deakin University
Sophie Marie Helene Chao, The University of Sydney