



*Adolfo Ibáñez University - Campus Viña del Mar*

## **Conference Venue**

We will meet at the Adolfo Ibáñez University - Campus Viña del Mar

Adolfo Ibáñez University - Campus Viña del Mar

750 Av. Padre Hurtado

Viña del Mar, Valparaiso, Chile

<https://www.uai.cl/campus-uai/campus-vina-del-mar/>

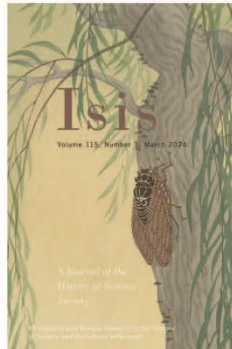
## **Hybrid and Fully Online Sessions**

Update 14 July: Links to the Hybrid and/or Zoom meeting rooms have been removed.

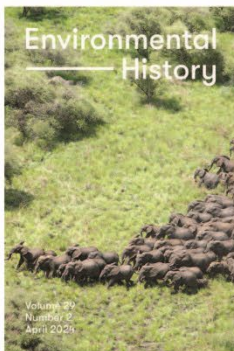
# JOURNALS *from* CHICAGO



**The British Journal for the Philosophy of Science**



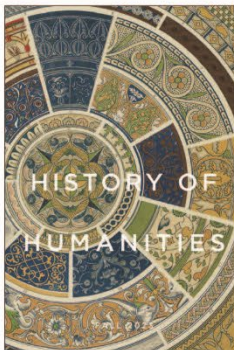
**Isis**  
*A Journal of the History of Science Society*



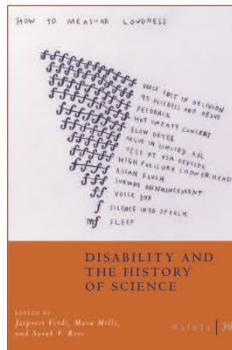
**Environmental History**



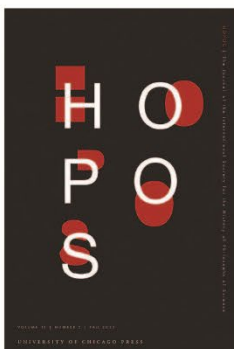
**KNOW: A Journal on the Formation of Knowledge**



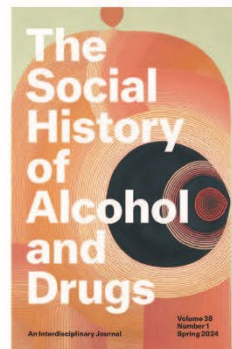
**History of Humanities**



**Osiris 39**  
*Disability and the History of Science*



**HOPOS**  
*The Journal of the International Society for the History of Philosophy of Science*



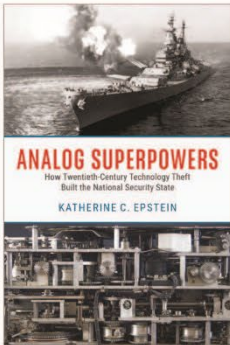
**The Social History of Alcohol and Drugs**



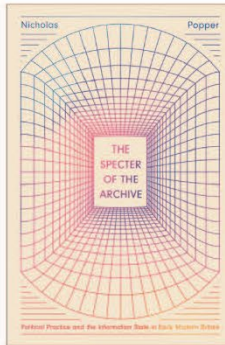
**THE UNIVERSITY OF CHICAGO PRESS JOURNALS**

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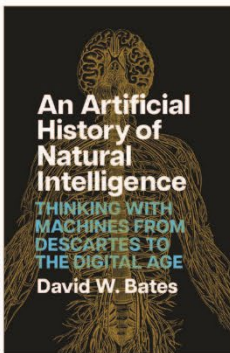
# NEW from CHICAGO



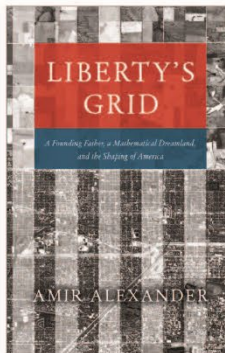
**Analog Superpowers**  
*How Twentieth-Century Technology Theft Built the National Security State*  
Katherine C. Epstein  
Cloth \$35.00



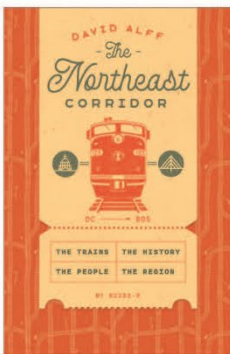
**The Specter of the Archive**  
*Political Practice and the Information State in Early Modern Britain*  
Nicholas Popper  
Paper \$32.50



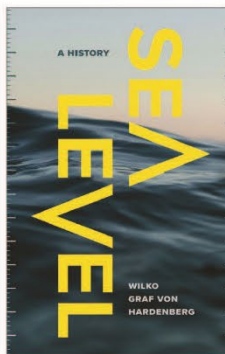
**An Artificial History of Natural Intelligence**  
*Thinking with Machines from Descartes to the Digital Age*  
David W. Bates  
Cloth \$45.00



**Liberty's Grid**  
*A Founding Father, a Mathematical Dreamland, and the Shaping of America*  
Amir Alexander  
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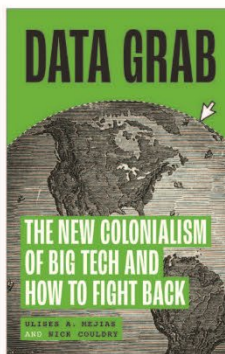
**The Northeast Corridor**  
*The Trains, the People, the History, the Region*  
David Alff  
Cloth \$30.00



**Sea Level**  
*A History*  
Wilko Graf von Hardenberg  
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*Music and Machines, 1740/2020*  
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# Session Schedule ICOHTEC – SHOT Meeting 2024, Viña del Mar

## Overview of Events and Activities

### MONDAY 8 JULY 2024

<i>Time</i>	<i>Event</i>
Entire day	ICOHTEC Winter School (Santiago de Chile)
3.00PM – 6:00PM	Pre-conference textile repair workshop (Museo de Arte Precolombino, Santiago, Chile)

### TUESDAY 9 JULY 2024

<i>Time</i>	<i>Event</i>
9.00 AM – Noon	ICOHTEC Winter School (Santiago de Chile)
10.30 AM-12.30 PM	Tour Museo Marítimo National*
10.30 AM-12.30 PM	Historical Tour Valparaiso
12.30 PM – 4.00 PM	SHOT Executive Council Meeting
1.00 PM – 6.00 PM	Registration desk
1.00 PM – 3.00 PM	Valparaiso at Risk Tour
5.30 PM – 7.20 PM	Plenary opening
7.30 PM – 9.00 PM	Opening reception

### WEDNESDAY 10 JULY 2024

<i>Time</i>	<i>Event</i>
8.30 PM – 5.30 PM	Registration desk
9.00 AM – 11.00 AM	ICOHTEC Executive Committee Meeting
9.00 AM – 10.30 AM	Session Block I
10.30 AM – 11.00 AM	Coffee break
11.00 AM – 12.30 PM	Session Block II
12.30 PM – 2.30 PM	Lunch break
12.45 PM – 2.15 PM	Lunch Sessions <ul style="list-style-type: none"> <li>- SHOT Presidential Address-Reportage</li> <li>- General Assembly ICOHTEC</li> </ul>
2.30 PM – 4.00 PM	Session Block III
4.00 PM – 4.30 PM	Coffee break
4.30 PM – 6.00 PM	Session Block IV

### THURSDAY 11 JULY 2024

<i>Time</i>	<i>Event</i>
8.30 PM – 5.30 PM	Registration desk
9.00 AM – 10.30 AM	Session Block V
10.30 AM – 11.00 AM	Coffee break
11.00 AM – 12.30 PM	Session Block VI
12.30 PM – 2.30 PM	Lunch break
12.45 PM – 2.15 PM	Lunch meeting: <ul style="list-style-type: none"> <li>- SHOT First timers lunch/officers meet students</li> <li>- Envirotech online lunch meeting</li> </ul>
13.00 PM – 2.15 PM	Lunch Session: <ul style="list-style-type: none"> <li>- ICOHTEC Kranzberg Lecture by Sławomir Łotysz</li> </ul>
2.30 PM – 4.00 PM	Session Block VII
4.00 PM – 4.30 PM	Coffee break
4.30 PM – 6.00 PM	Session Block VIII

**FRIDAY 12 JULY 2024**

<i>Time</i>	<i>Event</i>
8.30 PM – 5.30 PM	Registration desk
9.00 AM – 10.30 AM	Session Block IX
10.30 AM – 11.00 AM	Coffee break
11.00 AM – 12.30 PM	Session Block X
12.30 PM – 2.30 PM	Lunch break
12.45 PM – 2.15 PM	Lunch meetings: <ul style="list-style-type: none"> <li>- SHOT Special Interest Groups: <ul style="list-style-type: none"> <li>• ASIA Lunch meeting,</li> <li>• WITH Lunch meeting (with registration)</li> <li>• Mercurians Lunch meeting (External)</li> <li>• SIGCIS Business Lunch Meeting</li> </ul> </li> </ul>
1.00PM – 2.15PM	Lunch session: <ul style="list-style-type: none"> <li>- ICOHTEC Keynote lecture by Antoni Roca-Rosell</li> </ul>
2.30 PM – 4.00 PM	Session Block XI
4.00 PM – 4.30 PM	Coffee break
4.30 PM – 6.00 PM	Session Block XII
8.00 PM – 12.00 PM	Conference Party

**SATURDAY 13 JULY 2024**

<i>Time</i>	<i>Event</i>
8.30 PM – 5.30 PM	Registration desk
9.00 AM – 10.30 AM	Session Block XIII
10.30 AM – 11.00 AM	Coffee break
11.00 AM – 12.30 PM	Session Block XIV
12.30 PM – 2.30 PM	Lunch break
12.45 PM – 2.15 PM	Lunch meetings: <ul style="list-style-type: none"> <li>- SHOT Special Interest Group EDITH</li> </ul>
1.00PM – 2.15 PM	Lunch session: <ul style="list-style-type: none"> <li>- SHOT Da Vinci lecture by Bill Leslie</li> </ul>
2.30 PM – 4.00 PM	Session Block XV
4.15 PM – 4.45 PM	La Chispa Digital & Fundación Reparemos Presentación
4.45 PM – 6.15 PM	ICOHTEC-SHOT Awards Event
6.15 PM – 7.30 PM	ICOHTEC-SHOT Awards Reception

**SUNDAY 14 JULY 2024**

<i>Time</i>	<i>Event</i>
9.00 AM – 5.00 PM	SIGCIS Sunday conference

## **Conference Organization**

### **Program Committee**

Diana Montaña, Chair

Magdalena Zdrodowska, Associate Chair

Itty Abraham

Leticia Galluzzi

José Ragas

Verónica Ramírez Errázuriz

### **ICOHTEC-SHOT Organizing Team**

Nelson Arellano (Secretary General ICOHTEC)

Jan Korsten (Secretary SHOT)

Sonja Beekers (Assistant)

Jeroen Carbaat

Rodrigo Escribano Roca

Jaime Landinez Aceros

Veronica Ramirez Errazuriz

Henk Treur

### **ICOHTEC Officers**

Stefan Poser (President)

Yoel Bergman (Vice-president)

Nelson Arellano (Secretary-General)

Viktor Pál (Treasurer)

Peeter Mürsepp (Journal Editor-in-Chief)

Saara Matala (Newsletter Editor)

Sławomir Łotysz (Webmaster)

### **SHOT Officers**

Gabrielle Hecht (President)

Debbie Douglas (Vice President)

Jan Korsten (Secretary)

Amy Bix (Treasurer)

Ruth Oldenzel (Editor, *Technology and Culture*)

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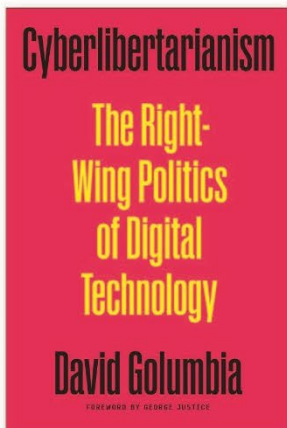
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**Cyberlibertarianism**  
*The Right-Wing Politics of Digital Technology*

David Golumbia

Foreword by George Justice

"A monumental magnum opus from a meticulous thinker and sharp social critic who is sorely missed."

—**Sarah T. Roberts**, director, Center for Critical Internet Inquiry, UCLA

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**Deepwater Alchemy**  
*Extractive Mediation and the Taming of the Seafloor*

Lisa Yin Han

\$27.00 paper | 264 pages | August 2024

**The Digital and Its Discontents**

Aden Evens

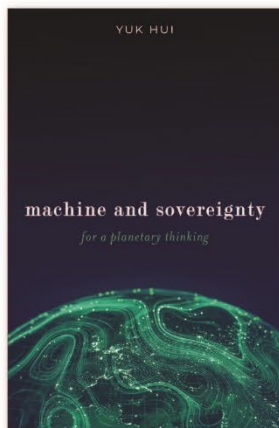
Foreword by Alexander R. Galloway

\$29.00 paper | 264 pages  
Electronic Mediations Series, vol. 62

**The Switch**  
*An Off and On History of Digital Humans*

Jason Puskar

\$34.95 paper | 344 pages



**Machine and Sovereignty**  
*For a Planetary Thinking*

Yuk Hui

Developing a new political thought to address today's planetary crises

\$30.00 paper | 368 pages | October 2024

**The Intimate Life of Computers**  
*Digitizing Domesticity in the 1980s*

Reem Hilu

A feminist perspective on the early history of personal computing

\$27.00 paper | 240 pages | November 2024

**Solar Adobe**  
*Energy, Ecology, and Earthen Architecture*

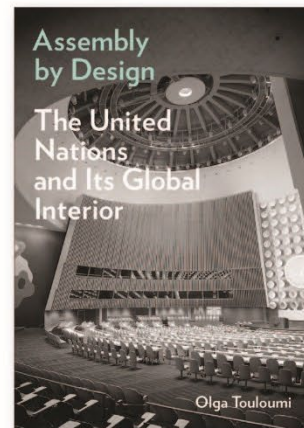
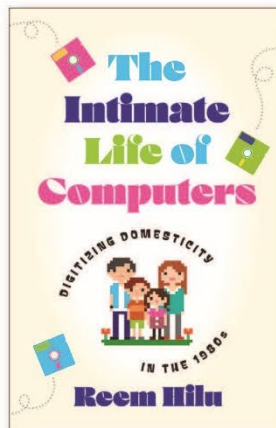
Albert Narath

\$32.95 paper | 304 pages

**Computational Humanities**

Lauren Tilton, David Mimno, and Jessica Marie Johnson, Editors

\$36.00 paper | 304 pages | September 2024  
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*The United Nations and Its Global Interior*

Olga Touloumi

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**Instrumentality**  
*On Technical Objects and Orientations in the Later Middle Ages*

J. Allan Mitchell

\$27.00 paper | 160 pages | October 2024

**Neural Networks**

Ranjodh Singh Dhaliwal, Théo Lepage-Richer, and Lucy Suchman

\$18.00 paper | 122 pages  
In Search of Media Series

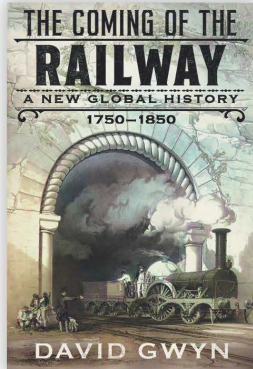
**Gentlemen of the Woods**  
*Manhood, Myth, and the American Lumberjack*

Willa Hammitt Brown

\$29.95 hardcover | 368 pages | January 2025



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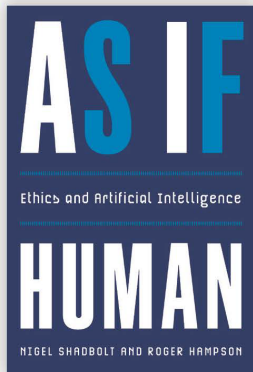
**The Invention of Scarcity**  
*Malthus and the Margins of History*  
Deborah Valenze  
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**Volcanic**  
*Vesuvius in the Age of Revolutions*  
John Brewer

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*How Techno-Solutionism Fails Us in This Life and Beyond*  
Tamara Kneese

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**Atlas of AI**  
*Power, Politics, and the Planetary Costs of Artificial Intelligence*  
Kate Crawford



**Art of the Grimoire**  
*An Illustrated History of Magic Books and Spells*  
Owen Davies

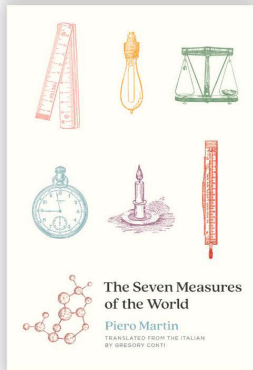
**The Origins of Victory**  
*How Disruptive Military Innovation Determines the Fates of Great Powers*  
Andrew F. Krepinevich, Jr.

**Cheap Speech**  
*How Disinformation Poisons Our Politics—and How to Cure It*  
Richard L. Hasen

**Monkey to Man**  
*The Evolution of the March of Progress Image*  
Gowan Dawson

**The Seven Measures of the World**  
Piero Martin  
Translated from the Italian by Gregory Conti

**Psychonauts**  
*Drugs and the Making of the Modern Mind*  
Mike Jay



**The Modern World**  
*A Prehistory of Social Media*  
Kevin Driscoll

**The Private Is Political**  
*Networked Privacy and Social Media*  
Alice E. Marwick

**Force**  
*What It Means to Push and Pull, Slip and Grip, Start and Stop*  
Henry Petroski

**The Age of Guilt**  
*The Super-Ego in the Online World*  
Mark Edmundson

**Atlas of the Senseable City**  
Antoine Picon and Carlo Ratti

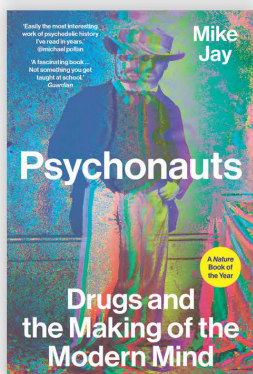
**In the Herbarium**  
*The Hidden World of Collecting and Preserving Plants*  
Maura C. Flannery

**Curious Species**  
*How Animals Made Natural History*  
Whitney Barlow Robles

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*The History and Science of How Not to Be Seen*  
Gregory J. Gbur

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*Global Solutions for a Changing Climate*  
David Sedlak

**The Coming of the Railway**  
*A New Global History, 1750-1850*  
David Gwyn



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## Pre-Meeting activities

Monday 8 July 2024, Santiago

9.00AM-5.00PM

ICOHTEC Winter School (Museo de Arte Precolombino, Santiago de Chile)

3.00PM-6.00PM

Pre-conference textile repair workshop in Santiago de Chile

Museo de Arte Precolombino. Santiago, Chile (Sponsored Curators sesión)

Curator: **Dámari Rijo Rivas** (Director Fundación Reparemos) Dominique González

Organizer: **Gloria Baigorrotegui** y **Dominique González** (Instituto de Estudios Avanzados -Universidad de Santiago de Chile).

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## Session Overview ICOHTEC-SHOT 2024

Adolfo Ibáñez University - Campus Viña del Mar

Please note:

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- The online version of the program will be updated regularly.
- Please email updates and corrections to the SHOT secretariat ([shot.secretariat@tue.nl](mailto:shot.secretariat@tue.nl))

## Tuesday 9 July 2024

12:30 PM – 4:00 PM, Room Edificio F-106/hybrid: SHOT Executive Council Meeting (*open to all members*)

[JOIN HYBRID MEETING](#)

5:30PM-7:30PM, Auditorium (Edificio B)/hybrid: Plenary Opening,

[JOIN HYBRID MEETING](#)

Welcome:

**Gabrielle Hecht**, SHOT President

**Stefan Poser**, ICOHTEC President

Opening plenary

Organizers: **Nelson Arellano** (Secretary General ICOHTEC) and **Eden Medina** (MIT)

Panelists:

**Oriana Bernasconi** (Universidad Alberto Hurtado)

**Guillermo Guajardo Soto** (Universidad Autónoma Nacional de México – UNAM)

**Diana Montaña** (Washington University in St. Louis)

**Diego Arango Lopez** (Universidad Católica del Maule)

7:30PM-9:00PM, **Central Hall Building A (Edificio A): Opening Reception**,  
*pre-registration required to prevent food waste*)

**Sponsored by the B and B Stern Foundation**

**Daily, Wednesday to Saturday, in the Central Hall of Building/Edificio D:**

Registration desk open and SHOT Staff available from 8:30 to 17:30

Book Exhibit, including books donated by participants

## **Wednesday 10 July 2024 - 9:00AM-10:30AM**

**9:00AM-11:00AM, Boardroom Edificio F-103: ICOHTEC Executive Committee Meeting (open to all) (9:00-11:00)**

[JOIN HYBRID MEETING](#)

**W1, Room Edificio D-207 (Hybrid I): W1, Room Edificio D-207 (Hybrid I): Technologies of Transformation**

[JOIN HYBRID MEETING](#)

Organizer: **Mar Hicks** (University of Virginia)

Chair: **Jack Giesekeing** (City Institute, York University)

*Presenters*

**Aparna Nair** (University of Toronto-Scarborough): Sunglasses as Technologies of Empire

**Mar Hicks** (University of Virginia): Computing, Race, and Professionalization: The First Mainframe at an HBCU

**Nikki Stevens** (MIT): Parallel Logics of Separation: Data Modeling and Mass Incarceration – *SHOT ROBINSON PRIZE CANDIDATE*

**Varsha Venkatasubramanian** (University of California, Berkeley): The Post-Colonial State, Hydrocracy, and the Environment

**W2, Room Edificio D-208 (Hybrid II): Cybernetics and AI: Entangled and Global Histories of Knowing and Engineering Complexity**

[JOIN HYBRID MEETING](#)

Organizer: **Ksenia Tatarchenko** (Singapore Management University)

Chair: **Egle Rindzeviciute** (Kingston University London)

*Presenters*

**Ronald Kline** (Cornell University): Cybernetics and the History of Artificial Intelligence

**Ksenia Tatarchenko** (Singapore Management University): The Omniscient Machine: A Global Spectacle of the Computerized Deciphering

**Egle Rindzeviciute** (Kingston University London): The Cybernetic Sensibility: Hopes and Failures in Governing Complexity through Scientific Prediction Across the Iron Curtain

**Ekaterina Babintseva** (Purdue University): A High-Fidelity Model of Human Thinking: Artificial Intelligence in the Soviet Union

**W3, Room Edificio D-206: Using, repairing and learning in the periphery: for a history of maintenance in Latin America (Session I)**

Organizer: **Guillermo Guajardo** (Universidad Nacional Autónoma de México)

Chair: **David Edgerton** (King's College London)

**Guillermo Guajardo** (UNAM): Circulation of Goods, Repairs and Technical Learning in Latin America (Chile and Mexico), ca. 1850-1930.

**Nicolas Richard** (CNRS, Institut Français d'Études Andines): Mytho-Mechanics and Energy Transition: The Conversion to Natural Gas of Old Vehicles in La Paz, Bolivia

**Marlene Barba** (Instituto Cultural de Aguascalientes-Universidad Autónoma de Aguascalientes): Reparación y mantenimiento en el sistema ferroviario en Aguascalientes, México: aprendizaje a través del diálogo entre la experiencia y la capacitación formal.

**Manuel E. Contreras** (Academia Boliviana de Historia): La aflicción de la revisión, mantenimiento y reparación en la Empresa Nacional de Ferrocarriles de Bolivia, 1965-1995

**W4, Room Edificio A-202: The Aerospace Sublime: The Intersection of Engineering, Design, and Maintenance**

Organizer: **Jennifer Levasseur** (Smithsonian National Air and Space Museum)

Chair: **Jennifer Levasseur** (Smithsonian National Air and Space Museum)

*Presenters*

**Michael Hankins** (Smithsonian National Air and Space Museum): “This Crap Will Never Get Off the Ground”: How Stealth Aircraft Challenged and Redefined the American Aerospace Sublime

**Jennifer Levasseur** (Smithsonian National Air and Space Museum): MacGuyvers in Orbit: The Sublime Designs of Hacked Solutions to Space Challenges

**Savannah Mandel** (Virginia Tech): The Fall of The Asteroid Miners: A History of Space Prospectors and the Legacy they Leave Behind

**W5, Room Edificio A-203: Imagination is power: remapping sociotechnical imaginaries in modern East Asia**

Organizer: **Zhongxian Xiao** (School of History and Sociology, Georgia Institute of Technology)

Chair: **Kate McDonald** (Department of History, University of California, Santa Barbara) (*Pre-recorded*)

*Presenters*

**Xianglong Zhu** (Department of History and Philosophy of Science, University of Cambridge): Examining Body, Inspecting Society: Social Justice and Radiological Technology in Modern China (*Pre-recorded presentation*)

**Meng Zhang** (Centre for the History of Science, Technology and Medicine, University of Manchester): Resisting State Medicine: Barbers and Anti-Masking Movement in 1930s China

**Yize Hu** (Department of History of Science and Technology, Johns Hopkins University): Resilient Technocracy: The Systems Approach to an “Information Society” in Japan Circa 1970

**Zhongxian Xiao** (School of History and Sociology, Georgia Institute of Technology): Conceiving “Chinese Speed”: Contested Sociotechnical Imaginaries of High-Speed Rail in Post-1978 China

**W6, Room Edificio A-204: Between use and source – repairing industrial heritage**

Organizer: **Michael Hascher** (Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart)

Chair: **Marion Steiner** (TICCIH Secretary General, ESPI Lab Valparaíso)

*Presenters*

**Maria da Luz Sampaio** (University of Évora, Department of History): Repairing and reusing technical and industrial objects of the production chain and in everyday life: The case of sewing machine and vinyl record player (pre-recorded)

**Aude Monié** (University of Neuchâtel): Bringing repaired clothes back to life? How historians contribute to knowledge of restored artefacts in museums

**Michael Hascher** (Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart): Upgrade! Better use for better preservation (of fragments)

**Emily Whitted** (University of Massachusetts Amherst): Darning Stockings, Patching Trousers: Textile Mending Technologies in Early America

**Wednesday 10 July 2024 10:30 AM-11:00AM**

*Central Hall Building/Edificio D: Coffee break*

**Wednesday 10 July 2024 - 11:00AM-12:30PM**

**W7, Room Edificio D-207 (Hybrid I): Crafting Energyscapes: From Optimism to Failure**

[JOIN HYBRID MEETING](#)

Chair: **Diana Montaña** (Washington University in St. Louis)

*Presenters*

**Nelson Arellano** (Universidad Academia de Humanismo Cristiano): The place of solar energy in XIXth century technologies, sustainability and the Anthropocene turn: uses and discards (1870-1930)

**Alexei Kojevnikov** (University of British Columbia) and **Climério Paulo da Silva Neto** (Federal University of Bahia): Technological Restoration, Revolution and Decolonization: GOELRO and “The Origin of Electricity”

**Fernando Williams** (CONICET / Universidad Nacional de La Plata (Argentina)): Repairing the soil of extra-Andean Patagonia: environmental liabilities of large hydroelectric dams and their landscape implications  
**Sonja Schmid** (Department of STS, Virginia Tech): Preparedness, Response, and the Politics of Anticipation

**W8, Room Edificio D-208 (Hybrid II): Towards new technological counterpoints: Users, Makers, Lenses & Narratives**

[JOIN HYBRID MEETING](#)

Chair: Arwen Mohun (University of Delaware)

*Presenters*

~~**Marwa Koheji** (New York University Abu Dhabi): A Traveling Technology: The Story of Air-conditioning in Bahrain (Pre-recorded presentation)~~

**Damilola Adebayo** (York University, Toronto, Canada): Akinlawon Ladipo Mabogunje and the Making of the Kainji Hydroelectric Dam, 1965-1973

**Maria Paula Diogo** (NOVA School of Science and Technology): Center and Periphery as historiographical tools. The art of the fugue

**Ana Simões** (NOVA School of Science and Technology): Co-author: Center and Periphery as historiographical tools. The art of the fugue

**Luqing Zhou** (Peking University): Inscription as Repair: Discursive Maintenance of a Transnational Hydropower Station

**W9, Room Edificio D-206: Pushing the boundaries of heritage: Actors & Spaces**

Chair: **To be Announced**

*Presenters*

**Benard Busaka** (Maseno University): Repair and Maintenance: Critical Technological Practices in Conservation and Preservation of Immoveable Cultural Heritage at Gedi Historical Site, Kenya

**Roine Viklund** and **Dag Avango** (Luleå University of Technology): Mining Legacies - Resource or burden? (pre-recorded)

**Ronald Duran Allimant** (Universidad de Playa Ancha): Reparación y patrimonio cultural inmaterial: el caso de los organilleros chilenos

**W10, Room Edificio A-202: Exclusion and marginalized actors**

Chair: **Matthew Wisnioski** (Virginia Tech)

*Presenters*

**Jose G. Alvarez-Cornett** (Independent Scholar/VES PROJECT): Always Present Yet Unseen: Digitally Uncovering the Ukrainian Contributions to Science, Technology, and Culture in Venezuela – *SHOT ROBINSON PRIZE CANDIDATE* (Pre-recorded presentation)

**David Zimmerman** (University of Victoria): Refugee Scientists and Engineers in South and Latin America, 1933-1945

**Matthew Wisnioski** (Virginia Tech): Empower Everything: A History of the Idea that Diversity Drives Innovation

**W11, Room Edificio F-104: Tele-Networks**

[JOIN HYBRID MEETING](#)

Chair: **Alexander Magoun** (IEEE History Center)

*Presenters*

**Walter Nkwi** (University of Leiden): Shaping Technology for Livelihoods: Cell Phone Repairers in Buea, Cameroon

**Nnamdi Nnake** (McMaster University): Recovering Lost Signals from the Telegraph Networks of Colonial Nigeria

**Zeynep Ecem Pulas** (Max Planck Institute for the History of Science Berlin): Maintaining the Hejaz Telegraph Line, One Wire at a Time: Ottoman Expertise, Political Discontent and Territoriality

## **W12, Room Edificio A-204: Natural Resources and Exploitation**

Chair: **Anna Åberg** (Chalmers University of Technology)

### *Presenters*

**Sylvía Marsibil Bates** (University of Iceland): Inventors, not inventions: trawl door patents at the turn of the 20th century (pre-recorded)

**Constanza Marin** (Universidad Católica del Norte): La transformación en la ocupación del suelo rural y modo de vida en torno a la agricultura – *SHOT ROBINSON PRIZE CANDIDATE*

**Lorena Campuzano Duque** (Adjunct Professor at the Universidad Andrés Bello): Artisanal and Small Scale Mining (ASM) and Mining State Formation: A Matter of Technology and Scale?

**Nashely Yuvitza Lizarme Villcas** (Centro de Historia UNI - Universidad Nacional de Ingeniería): ¿Tecnócratas o burocratas? Los ingenieros civiles y de minas en el desarrollo de un Estado moderno a la peruana entre 1900 y 1920

## **W13, Edificio F-102: Early Career Interest Group (ECIG) presents: SHOT Grad Student Workshop I**

### [JOIN HYBRID MEETING](#)

Organizer and Chair: **Jason Ludwig** (Cornell University)

### *Presenters:*

**Joyce Zhao** (Georgetown University): “Bits of Grieving: A History of Standardizing Emotions and Grief in Silicon Valley”, History of Computing

**Haley Lepp** (Stanford University): “Automating English: ChatGPT and the formalization of English-only computer science”

**Mostafa Abdou** (Princeton University): “Language Models: From Universal Language to ChatGPT”

## **Wednesday 10 July 2024 - 12:30PM-2:30PM**

Lunch break (Campus restaurant is open to all participants)

### **Lunch sessions**

**1:00PM-2:15PM, Room Edificio D-207 (Hybrid I): General Assembly ICOHTEC**

### [JOIN HYBRID MEETING](#)

**1:00PM-2:20PM Auditorium (Edificio B): SHOT Presidential Address Reportage**

### [JOIN HYBRID MEETING](#)

Carbon Omissions: an investigation into forgotten molecules

Omissiones de Carbon: una investigación sobre moléculas olvidadas

A bilingual performance by Gabrielle Hecht, Cristobal Bonelli, Marina Weinberg, Damir Galaz-Mandakovic, Valentina Figueroa, and Jaime Landinez

Introduced by Debbie Douglas

***From 12.30PM to 13.00PM sandwiches will be available for those attending the lecture in person!***

## **Wednesday 10 July 2024 - 2:30PM-4:00PM**

### [JOIN HYBRID MEETING](#)

**W14, Room Edificio D-207 (Hybrid I): Politics and Strategies of Repair in Ghana’s Volta River Project**

Organizer: **Stephan F. Miescher** (University of California, Santa Barbara)

Chair: **Stephan F. Miescher** (University of California, Santa Barbara)

Commentator: **Tasha Rijke-Epstein** (Vanderbilt University)

*Presenters*

**Stephan F. Miescher** (University of California, Santa Barbara): Ghana's Volta Lake: Infrastructures and the Politics of Repair

**Kwabena Agyare Yeboah** (University of California, Santa Barbara): Institutional Complex, Ecologies, and Scientific Knowledge of the Volta River – *SHOT ROBINSON PRIZE CANDIDATE*

**R. Lane Clark** (Independent Filmmaker, LaLa Productions): "It's up to us": Woes of Lake Woman

**W15, Room Edificio D-208 (Hybrid II): Bodies Everywhere: Different Forms of Embodiment in the History of Computing**

[JOIN HYBRID MEETING](#)

Organizer: **Elizabeth Petrick** (Rice University)

Chair: **Xiaochang Li** (Stanford University)

*Presenters*

**Elizabeth Petrick** (Rice University): Imagined Bodies Using Imagined Computers at Xerox PARC

**Sara Simon** (Illinois Institute of Technology): Reengineering Death Registration: The Technology Behind Born-Digital Mortality Statistics

~~**Frank Dittmann** (Deutsches Museum): From Chessboard to Soccer Field — or the Role of Embodiment in Robotics~~

**Andrew McGee** (Smithsonian Institution, National Air and Space Museum): Imagined Bodies, Single and Grouped: Mass Aggregation of Embodied Individuals as Non-Embodied Data Points in 1960s and 1970s Debates Over Computerized Public Policy

**W16, Room Edificio F-103: Rethinking repair (studies)**

[JOIN HYBRID MEETING](#)

Organizer: **Stefan Krebs** (Luxembourg Centre for Contemporary and Digital History)

Chair: **Andreas Fickers** (Luxembourg Centre for Contemporary and Digital History)

*Presenters*

**Stefan Krebs** (Luxembourg Centre for Contemporary and Digital History): Questioning the decline narrative of (consumer) repair

~~**Lee Vinsel** (Virginia Tech): Putting the study of maintenance and repair into the world of O&M~~

**Heike Weber** (Technical University Berlin): Following technology through time: Repair, reuse, and removal

**Florian Hertweck** (University of Luxembourg): From sustainable architecture to urban repair

**W17, Room Edificio A-202: Early Career Interest Group (ECIG) presents: SHOT Grad Student Workshop 2**

Organizer and Chair: **Jason Ludwig** (Cornell University)

*Presenters:*

**Suryansu Guha** (University of Southern California): "Animation in London/Matchmove in Bangalore:" Territorial Profiles of Visual Effects (VFX) Workforces in the Global Media Industries."

**Emilia Ruggeri** (Universidad Nacional del Quilmes) "Organizational technologies in the Argentine electricity system. Analysis of market and energy management between 1992 and 2001"

**Shu Wan** (University at Buffalo): "From Introduction to Indigenization: A Technology History of Hearing Aids in Republican and Socialist China"

**W18, Room Edificio A-203: Geoingeniería glaciár antes y después del cambio climático**

Organizer: **José Ragas** (Instituto de Historia | Universidad Católica de Chile)

Chair: **Cristián Simonetti** (Pontificia Universidad Católica de Chile)

Commentator: **Javiera Barandiarán** (UC Santa Barbara)

*Presenters*

**Lucía Moreno Caballero** (ANTAR ANDES): Uso de trazadores isotópicos (tritio y radón) para el estudio del impacto del cambio climático en glaciares andinos: el caso del Yana Ucsha (Perú, 2023)

**Jorge Mujica-Urzúa** (Pontificia Universidad Católica de Chile / Universidad Bernardo O'Higgins): La "Capital de los Glaciares Patagónicos": dimensiones histórico-espaciales de los glaciares en Villa O'Higgins durante las primeras décadas del siglo XXI

**José Ragas** (Pontificia Universidad Católica de Chile): El Glaciar San Rafael y el mercado global de hielo (siglo XIX)

**Felipe Ugalde and Gino Casassa** (Geoestudios, Chile): Acumulación artificial con valla de nieve para la formación de glaciares en Chile central (2010-2011)

### **W19, Room Edificio A-204: (Inter)regional perspectives on artefact repair, materiality and embodied knowledge**

Organizer: **Madhu Narayanan** (IIT Madras)

Chair: **Sarah Teasley** (MIT University)

#### *Presenters*

**Madhu Narayanan** (IIT Madras): Repair and Making: Untold Stories of Weaving Baskets in South India

**Sarah Teasley** (MIT University): Incentives for making, maintaining and repairing furniture in postwar Japan

**Renée Riedler** (Weltmuseum Wien): Reflecting on the preservation of objects made of natural materials obtained from plants and animals through replication in conservation practice

**Thamarai Selvan Kannan** (IIT Madras): Makers and Users' Knowledge: Repairing and Maintaining Sound Instruments in South India

### **W20, Boardroom Edificio F-104: A Tradition to Repair. About the history of Building Conservation Technologies**

#### [JOIN HYBRID MEETING](#)

Organizer and Chair: **Roman Hillmann** (German Mining-Museum/University of Stuttgart)

Chair: **Roman Hillmann** (German Mining-Museum/University of Stuttgart)

*The purpose of this session is to explore the developments of conservation from a technical perspective, focusing on historical techniques and technologies of conservation. Its underlying rationale is anchored in an awareness that, without the history of technology, historic Architecture, Industry and Machines cannot be understood and effectively preserved. This is because technology is a fundamental attribute and is as important as art history in Architecture. So, if we wish to preserve material monuments of history, we must understand that the preservation technologies responsible for their survival are themselves historic today and should be presented as a history of technology in their own right.*

#### *Presenters*

**Peter I. Schneider** (History department of BTU Cottbus) and **Alexandra Skedzuhn-Safir**, (Department of Monument Conservation at BTU Cottbus): From Schinkel to Shared Knowledge: Trajectories of Dealing with Fabric, Meanings and People

**Amy Lamb Woods** (Professional Engineer): Understanding historic construction and technical advancements in building materials for resilient heritage conservation and preservation

**Roman Hillmann** (German Mining-Museum/University of Stuttgart): History of Conservation as a History of Technology. The example of Industrial Heritage Conservation

**Miles Oglethorpe** (President of TICCIH): The Forth Bridge – conservation technologies for an engineering icon and a UNESCO World Heritage Site

## **Wednesday 10 July 2024 - 4:30PM-6:00PM**

### **W21, Room Edificio D-207 (Hybrid I): Changing Medicine**

#### [JOIN HYBRID MEETING](#)

Chair: **Clara Cuevas** (El Colegio de México)

#### *Presenters*

**Ryan Carty** (Michigan State University): Vaccine Infrastructures: Animal and Human Labor in Twentieth Century West Africa – *SHOT ROBINSON PRIZE CANDIDATE*

**Kaija-Liisa Koovit** (University of Strathclyde): The concept of repair in knee arthroplasty technology



**Cristian Navarrete** (Pontificia Universidad Católica de Chile): Unsticking ourselves from antimicrobial resistance: a political journey from lab benches to global health inequalities

**Clara Cuevas** (El Colegio de México): La sangre imaginada: tecnologías de la reparación sanguínea en México

### **W22, Room Edificio D-208 (Hybrid II): Hydro violence to quench imperial ambitions**

[JOIN HYBRID MEETING](#)

Chair: **Baasit Abubakr**

#### *Presenters*

**Johannes Chan** (York University): The Metabolism of Empire: Ontario Watermills and Reparations in More-Than-Human Worlds – *SHOT ROBINSON PRIZE CANDIDATE*

**Mahendranath Sudhindranath** (Indian Institute of Technology Madras) *SHOT ROBINSON PRIZE CANDIDATE*, and

**John Bosco Lourdasamy** (Indian Institute of Technology Madras): Reclamation, Repair, and Rice: Socio-Technical Processes in the Backwaters of a Princely State in Colonial India, c. 19th-20th century

**Baasit Abubakr** (Jawaharlal Nehru University, New Delhi, India.): Hydropower in the Himalayas: Empire, Electricity and Labour Precarity vis-a-vis Construction, Repair and Maintenance in the Princely State of Jammu & Kashmir

### **W23, SEMI HYBRID Room Edificio F-102: A measure of certainty: Time, Locks & data**

[JOIN HYBRID MEETING](#)

Chair: **Daves Rossell** (Savannah College of Art and Design)

#### *Presenters*

**Adam Pisarek** (University of Silesia, Institute of Culture Studies): How to repair the wetland landscape? Measurement techniques in the service of conservation practices

**Daves Rossell** (Savannah College of Art and Design): Technology for Protection: The Proliferation of Locks in the American Residence, 1900-1950

### **W24, Room Edificio A-202: Preservation of natural resources and the environment**

Chair: **Henk-Jan Dekker** (CNRS-CIRED)

#### *Presenters*

**Henk-Jan Dekker** (CNRS-CIRED): Maintaining the German forest: Timber, technology, and industrialization in the history of ideas, 1850-1900

**Maria Paz Almenara** (New York University): Data Landscapes: Computational Aesthetics, Environmental Aesthetics and Techniques of Colonial "Looking"

**Elias Amaya Nuñez** (Universidad de Tarapacá): Políticas tecnológicas, ingenieros y el programa tecnológico en energías renovables durante el Gobierno Revolucionario de las Fuerzas Armadas (Perú, 1968-1980)

**Martin Schmitt** (Paderborn University, Institute of History): Sustainable foreigners to repair and conserve European natures? Experimental cultivation of foreign tree species and their use in reforestation in Spain and Prussia

### **W25, Room Edificio A-203: Digital communication**

Chair: **Fenwick McKelvey** (Concordia University)

#### *Presenters*

**Salwa Hoque** (Yale University): Neocolonial Digituality: Limitations of Digital Tools to Process Non-English Script

**Julio Gutiérrez** (Universidad Adolfo Ibáñez): Más que reparación, remediación: readecuación de prácticas de enseñanza de oratoria y escritura académica en el contexto post-pandemia (pre-recorded)

**Ian Glazman-Schillinger** (Syracuse University): Liberty Bell's Electronic Ring: The Online Production, Presentation, and Maintenance of a White Power Activist Magazine between 1983 and 1999– *SHOT ROBINSON PRIZE CANDIDATE*

**Fenwick McKelvey** (Concordia University): World machines? Computer simulations as models of International Relations

## **W26, SEMI HYBRID Room Edificio F-104: Affixing moral values at the crossroads of patents, hackers & witchcraft**

[JOIN HYBRID MEETING](#)

Chair: Jacob Bruggeman

### *Presenters*

**Benedicto Acosta** (Universidad de Salamanca): A brief history of moral and political concerns about patents

**Cristián Palacios** (Universidad Alberto Hurtado): “Un oficio que es arte además de ciencia”: una aproximación histórica del técnico dactiloscopista en Chile, 1930- 1954

**Chu Eric Kangha** (University of Buea): Thunder Technology and Justice in Esu - Cameroon, 1880s - 1986

**Jacob Bruggeman** (Johns Hopkins University): Sizing up Ma Bell: Phone Phreaks, Vernacular Technoscience, and the Politics of System

## **Thursday 11 July 2024 - 9:00AM-10:30AM**

### **T1, Room Edificio D-207 (Hybrid I): New directions in Nigerian history of technology (Part 1)**

[JOIN HYBRID MEETING](#)

Organizer and Chair: **Damilola Adebayo** (York University)

### *Presenters*

**Patrick Okpalaeke** (York University): Gender as a Useful Analytical Category in Nigerian History of Technology

**Ifeoma Aneke** (University of Florida): Psychiatry, Technology, and Indigenous Knowledge in Precolonial and Colonial Nigeria

**Prince Vincent-Anene** (University of Wisconsin-Madison): The Moving Palace: Rethinking African Histories of Technology through Automobiles in Nigeria

**Blessing Edet** (University of Uyo, Nigeria): Stumbling Blocks to Nigeria’s Technology Dominance: Lessons from the Biafran Military Technology, 1967-1970

### **T2, Room Edificio D-208 (Hybrid II): Engineering Repair, Repairing Engineers (Prometheans Sponsored Panel)**

[JOIN HYBRID MEETING](#)

Organizer: **Zachary Loeb** (Purdue University)

Chair: **Ellan Spero** (Massachusetts Institute of Technology)

### *Presenters*

**Ellan F. Spero** (MIT & Station1) and **Christine Ortiz** (MIT Engineering Technologies of Repair: Public Health, Materials, Water and Faith in an Industrial City)

**Zachary Loeb** (Purdue University): “We could have fixed it” – Computer Professionals and the Year 2000 Technology Problem

**José Nochebuena** (National University of Mexico): Social Connections Among Mexican and American Engineers and Their Influence on the Repair of Mexico City's Drainage System

**Katherine Vyhmeister** (Universidad Adolfo Ibáñez): Unveiling Hidden Narratives: Exploring Small-Scale Repair Initiatives in Post-Independence Chile

### **T3, Room Edificio D-206: Desigualdad, precariedad y adaptación en los usos de la ciencia y la tecnología (Parte 1)**

Organizer: **Stefan Meier** (Pontificia Universidad Católica de Chile)

Chair: **Felipe Cárcamo** (Pontificia Universidad Católica de Chile)

### *Presenters*

**Eduardo Godoy** (Universidad Andrés Bello): De anhelos y realidades en el Instituto de Higiene. Estrategias de gestión y adaptación técnica en la práctica de análisis de las secciones de química y bacteriología, Santiago 1892-1902

**Sonia Robles** (Universidad de Delaware): Innovación y reparación. Las actividades del ‘Laboratorio de Radio’ de la Secretaría de Educación Pública en México en los años 20.

**Stefan Meier** (Pontificia Universidad Católica de Chile): “Para reparar el daño se le había metido un pedazo de cañón de pluma”. Precariedades, técnicos y reparaciones en la astronomía y meteorología chilena (1852-1891)

**T4, Room Edificio F-102: Fire technologies. Contained combustion in the history of technology, 17th to 20th centuries**

[JOIN HYBRID MEETING](#)

Organizer and Chair: **Diego Arango López** (Universidad Católica del Maule)

*Presenters*

**Amparo Prieto** (Universidad de Zaragoza): Lámparas-tarro en los mapas nocturnos de Colbún (requested pre-recorded presentation)

**Diego Arango López** (Universidad Católica del Maule): Fuego para la noche en Chile. Tecnologías para combatir el frío y la oscuridad. S. XVIII-XIX

**Francisco Sibaja** (Colegio de México): Régimen de fuego y ganadería en el Caribe colombiano, siglo XX

**T5, Room Edificio A-203: Reworking and Reconnecting: The influence of artificial intelligence on the historical research process**

Organizer and Chair: **Janet Toland** (Victoria University of Wellington)

*Presenters*

**Olli Rappe** (Aalto University), co-Authors **Sebastian Boell** (University of Sydney Business School) and **Florian Hoof**, (Goethe-University Frankfurt): Epistemic tensions in the use of Artificial Intelligence in historical research process – *SHOT ROBINSON PRIZE CANDIDATE*

**Adrián Santuario** (National Autonomous University of Mexico): Chromatocracy: The Pantone of Mexican Social Mobility – *SHOT ROBINSON PRIZE CANDIDATE*

**Luke Stark** (Western University) and **Daniel Arauz Nuñez** (Western University, London Ontario): Margaret Mead and Machine Translation— *SHOT ROBINSON PRIZE CANDIDATE*

**T6, Room Edificio A-204: Using, repairing and learning in the periphery: for a history of maintenance in Latin America (Session II)**

Organizer and Chair: **Guillermo Guajardo** (Universidad Nacional Autónoma de México)

**Waldo Vila** (Universidad Diego Portales): Adaptar y reparar. La industria de carrocerías y la locomoción colectiva de Santiago de Chile bajo las políticas neoliberales, 1980-1990

**Carlos Sanhueza-Cerda** (Universidad de Chile): ""All the instruments are in good condition"". Disputes about the functioning of the telescopes of the National Astronomical Observatory of Chile in the 19th century"

**Rodrigo Rivero Cantillano** (Universidad Adolfo Ibáñez): Operators and watchmen. The early years of telecommunications in Chile 1852-1872

**Marcelo Mardones Peñaloza** (Universidad Diego Portales): Maintaining the Movement: A Century of Spaces and Tasks in the Tram City. Santiago de Chile, ca. 1850-1950"

**Thursday 11 July 2024 - 11:00AM-12:30PM**

**T7, Room Edificio D-207 (Hybrid I):Tele-exclusion/resistance**

[JOIN HYBRID MEETING](#)

Chair: **Alexander Magoun** (IEEE History Center)

*Presenters*

**Derek Vaillant** (University of Michigan): Jim Crow On the Line: Gender, Race, and the Politics of Radio Communication (1912-1918)

**Agnieszka Dytman-Stasieńko** (University of Lower Silesia, Wrocław, Poland): Adjusting, tinkering, and hacking as a form of technological resistance in Poland in the 80s

**Carson Benn** (Lincoln Memorial University): Educational Television in the Mountain South of the United States: Incorporating "Place" as a Measure of Care in Distance Learning Technology

**Yoehan Oh** (Yale University): Offshore Production of Video Display Terminals in an Immigrant Entrepreneur's Homeland, 1964-1989: Weaving histories of America, of Asian America, and of Asia through electronics

### **T8, Room Edificio D-208 (Hybrid II): Dis/abilities and crisis**

[JOIN HYBRID MEETING](#)

Chair: TBA

#### *Presenters*

~~**Megan Johnson** (University of Guelph) – *SHOT ROBINSON PRIZE CANDIDATE*~~, and ~~**Eliza Chandler** (Toronto Metropolitan University)~~, and **Carla Rice** (University of Guelph): Resisting Ableism: Maintaining Crip through Slow Technology

**Catalina Silva** (Universidad Diego Portales): Telerehabilitación: Adaptación de prácticas atención kinesiológicas a plataformas virtuales

**Deyanira Cuanal Cano** (Universidad Autónoma Metropolitana-Cuajimalpa): Healing with air: From circulation of iron lungs to circulation of moral models in polio outbreaks in México (1950-1965) – *SHOT ROBINSON PRIZE CANDIDATE*

**Magda Szarota** (Lancaster University): Reimagining Repair: Disabled Living Projects and Systemic Transformation

### **T9, Room Edificio D-206: Policitics of display: Trauma & innovation at the museum**

Chair: **Magdalena Zdrodowska** (Jagiellonian University)

#### *Presenters*

**Eric Hintz** (Smithsonian Institution): Inventing for Sports

**Maria Elvira Callapez and Breno Borges** (Centro Interuniversitário de História da Ciência e da Tecnologia ): The metamorphoses of plastic, the "MOPRA" Project (pre-recorded)

**Magdalena Zdrodowska** (Jagiellonian University): To document to commemorate? Public health history on display

**Alejandra Ruiz-León** (Georgia Tech): Caged Knowledge: The history of TECNO-ITINTEC, the first interactive science museum in South America

### **T11, SEMI HYBRID Room Edificio F-102: Repairing and its practitioners**

[JOIN HYBRID MEETING](#)

Chair: **Rohini Patel** (University of Toronto)

#### *Presenters*

**Emmanuel Kengo** (University of Buea): From iron technologists to repairers of iron technology: The checkered history of iron technology in the North West of Cameroon.

**Lawrence Chichebem Solomon** (Nnamdi Azikiwe University): The Public Works Department (PWD) and Public Infrastructure Repair and Maintenance in Colonial Southeastern Nigeria, 1896-1960 (*pre-recorded Presentation*)

**Denis Ljulanovic** (TU Darmstadt, History of Technology): Cultures of Repair and Dysfunction: The Evolving Narrative of Digitally Connected Factories

**Rohini Patel** (University of Toronto): Delimiting Technologies, Damage, and Infrastructures of Repair: Agent Orange Redress Politics in the 1980s

### **T12, Room Edificio A-204: Learning on the go: Technical education & experiential knowledge**

Chair: **Daniel Pérez-Zapico** (Faculty of Philosophy and Liberal Arts. Autonomous University of Madrid)

#### *Presenters*

**Phoenix Paz** (The Graduate Center, CUNY): Ties that Bind: Lumber and Labor on Turn of the Century Colombian Railways – *SHOT ROBINSON PRIZE CANDIDATE*

**Jørgen Burchardt** (Museum Vestfyn): Standards in the Great Acceleration: An organizational analysis of standardization 1950-2024 (*pre-recorded presentation, to be confirmed*)

**Daniel Pérez-Zapico** (Faculty of Philosophy and Liberal Arts. Autonomous University of Madrid): The Workings of National-Catholic Electricity. Electrical Engineering in early 20th Century Spain and the Catholic Institute of Arts and Industries

## Thursday 11 July 2024 - 12:30PM-2:30PM

Lunch break (Campus restaurant is open to all participants)

### Lunch sessions 1:00PM-2:00PM

#### T13, Room Edificio D-207 (Hybrid I): ICOHTEC Kranzberg Lecture

##### [JOIN HYBRID MEETING](#)

**Sławomir Łotysz** (Institute of the History of Science of the Polish Academy of Sciences) gives the 2024 ICOHTEC Kranzberg Lecture titled *Re-use for better health*

### Lunch meetings

- **Room Edificio F-103: SHOT Student and First attenders meet Officers Lunch meeting** (pre registration required)
- **Only SIG Meeting: SHOT Special Interest Group Envirotech Lunch Online Meeting (online only)**  
*Please join us for lunch over zoom for an hour of camaraderie and catch-up!*

##### [JOIN ENVIROTECH MEETING](#)

## Thursday 11 July 2024 - 2:30PM-4:00PM

#### T13, Room Edificio D-207 (Hybrid I): New directions in Nigerian history of technology (Part 2)

##### [JOIN HYBRID MEETING](#)

Organizer: **Damilola Adebayo** (York University)

Chair: **Patrick Okpalaeke** (York University)

### Presenters

**Odinaka Kingsley Eze** (Massachusetts Institute of Technology): Apprenticeship and Knowledge Production: Reimagining Science and Technology Education in Postcolonial Nigeria

**Sochima Peppertus Okafor** (University of Mississippi): Buildings of Deceit: Artisans, Colonial Cinemas, and the Transformation of Nigerian Cultural Values

**Mathias Chukwudi Isiani** (University of Pennsylvania): Who Built the City? Re-examining the Architects of Onitsha City, Nigeria

**Alowale Adeniji Abayomi** (Nigerian Defence Academy): Crisis Negotiations and Technology in Hostage Situations: Transforming Kaduna's Security Paradigm in The Digital Age

#### T14, Room Edificio D-208 (Hybrid II): Impair/Repair: Disability Histories of Science and Technology

##### [JOIN HYBRID MEETING](#)

Organizer: **Mara Mills** (New York University)

Chair and Commentator: **Jaipreet Virdi** (University of Delaware)

### Presenters

**Mara Mills** (New York University): The History of "Impairment"

**Sarah Rose** (University of Texas at Arlington): "The Workmen's Compensation law is a direct slap in the face": Industrial Medicine, Safety Engineering, and the Problem of Disabled Workers, 1910s-1940s

**Frank Mondelli** (University of Delaware): Visible Vowels and Listening Limbs: Assistive Erasure in Japanese Publics

#### T15, Room Edificio D-206: Desigualdad, precariedad y adaptación en los usos de la ciencia y la tecnología (Parte 2)

Organizer: **Felipe Cárcamo** (Pontificia Universidad Católica de Chile)

Chair: **Stefan Meier Valenzuela** (Pontificia Universidad Católica de Chile)

### Presenters

**Lucia Ortiz de Zárate Alcarazo** (Universidad Autónoma de Madrid): Desigualdad tecnológica: formas de injusticia en la Inteligencia Artificial

**Yenisa Guizado Mercado** ( Universidad Nacional Mayor de San Marcos.): Informática y sociedad en un país desigual: el Centro de Cómputo de la UNI (1964-1980)

**Felipe Cárcamo** (Pontificia Universidad Católica de Chile): Los primeros intentos por testear la Teoría de la Relatividad General: una historia de precariedad y desigualdad en la física contemporánea

### **T16, Online only session (Edificio F-102): (In)visible matters: unseen agents and actors in science and technology (Part 1)**

#### [JOIN HYBRID MEETING](#)

Organizer and Chair: **Hugo Pereira** (CIUHCT - NOVA School of Science and Technology)

#### *Presenters*

**Ana Rodrigues** (CIUHCT - Faculty of Sciences of the University of Lisbon): Searching for Visibility: Iberian Early Modern Gardeners

**Carmo Lacerda** (CIUHCT - Faculty of Sciences of the University of Lisbon): Who's Guiding the Ship? Unveiling the Agency of Early Modern Oceanic Pilots

**Hugo Pereira** (CIUHCT - NOVA School of Science and Technology)): The power of photography to give visibility to the invisible actors in science and technology

### **T17, Room Edificio A-203: Electrificando Chile: aproximaciones metodológicas para reparar nuestra historiografía**

Organizer and chair: **Cecilia Ibarra** (Universidad de Chile)

Commentator: **Carlos Sanhueza** (Universidad de Chile)

#### *Presenters*

**Cecilia Ibarra** (Universidad de Chile) and **José Soto** (King's College London): Explorando el rol de la materialidad para transformar las relaciones de poder en el Plan de electrificación de Chile

**Marion Steiner** (Universidad de Chile) and **Pamela Fuentes** (Museo Histórico de Placilla): Historiografías desde la comunidad glocal: Hacia una patrimonialización crítica del Complejo Hidroeléctrico El Sauce y La Luz en Valparaíso

**Mónica Humeres** (Universidad Diego Portales) and **Magdalena Gil** (Pontificia Universidad Católica de Chile): Desentrañando la creación de un futuro brillante: Estadísticas, desastres y el nacimiento de la energopolítica en Chile durante la década de 1930

~~**Yohad Zacarías** (Universidad de Texas en Austin): Visiones sobre electricidad, medioambiente y tecnología en Chile (1970-2000) El caso de Chispita~~

### **T18, Room Edificio A-204: Maintain the Play – On Ludic Objects in Public Spaces**

Organizer and Chair: **Florian Bettel** (University of Applied Arts Vienna)

#### *Presenters*

**Margarete Jahrmann** (University of Applied Arts Vienna): FIX the World with Play! And quick fix with Experimental Game Cultures?

**Stefan Poser** (Karlsruhe Institute of Technology, KIT): Street Art – A New Perspective on Subversive Games?

**Florian Bettel** (University of Applied Arts Vienna): Topographies of Viennese Play Cultures

## **Thursday 11 July 2024 - 4:30PM-6:00PM**

### **T19, Room Edificio D-207 (Hybrid I): Preventing and responding to disaster, human-made or otherwise**

#### [JOIN HYBRID MEETING](#)

Chair: **Marco Barrientos** (Universidad de Santiago de Chile)

#### *Presenters*

**Mariana Calvo** (Stanford University): Damming Disparities: Repairing the Hidroituango Dam and the Wounds of Colombia's Conflict

~~**Steffen Markx** and **Jakob Vogt** (Institute of Concrete structures – TU Dresden): On the history of prestressed concrete structures – the importance of failures for the preservation of structures~~

**Jorge Alonso Rodríguez Ortiz** and **Marcela Efmertová** (Czech Technical University in Prague): A technical discussion of spark arresters on steam locomotives. Engineers' response to a safety and environmental protection issue.

**Marco Barrientos** (Universidad de Santiago de Chile): Unreinforced masonry heritage buildings and strengthening techniques during 20th Century in Chile: Historical perspectives toward contemporary controversies.

### **T20, Room Edificio D-208 (Hybrid II): Reprogramming sex and gender**

#### [JOIN HYBRID MEETING](#)

Chair: **Nina Neuscheler** (Centre for Contemporary History Potsdam (ZZF))

#### *Presenters*

**Amira Moeding** (University of Cambridge): 'Always better for men than for women': On conceptions of fairness, bias, and standards in 'data-driven' artificial intelligence research – *SHOT ROBINSON PRIZE CANDIDATE*

**Julie Wosk** (State University of New York, Maritime College): From Automatons to Sex Dolls: What Happens When Changing Technologies Make Simulated Females Seem Ever-More Real

**Nina Neuscheler** (Centre for Contemporary History Potsdam (ZZF)): Fixing gendered inequalities in the digital world. Computer courses for women and girls in Germany in the 1990s

**Artur Neves** (Centro Interuniversitário de História das Ciências e da Tecnologia, NOVA School of Science and Technology): From Fragile to Indestructible: exploring plastics technology in 19th-20th century dolls

### **T21, Room Edificio F-102: Repair on wheels: Transport cultures of repair**

#### [JOIN HYBRID MEETING](#)

Chair: **Martin Meiske** (Deutsches Museum Munich/ Karlsruhe Institute of Technology)

#### *Presenters*

**Evelyne Tegomoh** (FSMS, University of Buea): Socio-cultural perception of the persons under the cars – *SHOT ROBINSON PRIZE CANDIDATE*

**Salah Hamdoun** (Arizona State University): Repair in the Face of Earth's Agency: The Role of Local Repair Initiatives in Societal Adaptation – *SHOT ROBINSON PRIZE CANDIDATE (requested pre-recording) Consider moving to boardroom 7*

**Martin Meiske** (Deutsches Museum Munich/ Karlsruhe Institute of Technology): Cultures and Costs of Care. Towards a Diverse Material History of Railway Maintenance

### **T22, Room Edificio A-202: Historiographic Commitments in the History of Technology: Repair, Replace, or Refuse? (Roundtable)**

Organizer: **Edna Suárez Días** (National Autonomous University of Mexico (UNAM))

Chair and Moderador: **Janet Abbate** (Virginia Tech)

#### *Panelists*

**Rodrigo Booth** (Universidad de Chile)

**Fabian Prieto Nañez** (Virginia Tech)

**José Ragas** (Instituto de Historia | Universidad Católica de Chile)

**Justin Castro** (Arkansas State University)

**Amy Slaton** (Drexel University): "Innovation and its Uses"

**Gisela Mateos** (National Autonomous University of Mexico (UNAM)): "Americas as Method"

### **T23, Room Edificio A-203: Holding (Outer) Space: Maintenance, Care, and Repair On and Beyond Earth (Roundtable - artifact)**

Organizer: **Lisa Ruth Rand** (California Institute of Technology)

Chair: **Lisa Ruth Rand** (California Institute of Technology)

#### *Panelists*

**Eleanor Armstrong** (Stockholm University): Tinkering to Put an American Blonde in Space. *Artifact*: Fan-made Sally Ride" Barbie doll

**Dana Burton** (New York University): A Future Repository of Life. *Artifact*: Life Detection Knowledge Base (LDKB)

**Rebecca Charbonneau** (The National Radio Astronomy Observatory): Falling and Falling Behind: The Role of Urgency and Repair in US Radio Astronomy. *Artifact*: Fragment of the collapsed 300-foot telescope  
**Réka Patrícia Gál** (University of Toronto): Fixing Skylab: An Alternative History of Spaceflight through Breakdown and Repair. *Artifact*: Presidential message, Richard Nixon to Pete Conrad  
**Lisa Ruth Rand** (California Institute of Technology): Palapa Power Play: Politics of Orbital Salvage and Repair in the Space Shuttle Era. *Artifact*: Model of Palapa B2 satellite and photographs from retrieval mission  
**Lois Rosson** (Huntington Library): From Scientific Visualization to Interpretive Art: The Evolution of Chesley Bonestell's Lunar Landscape. *Artifact*: Reproduction of A Lunar Landscape mural"

**T24, Room Edificio A-204: Energy transitions and infrastructural citizenship in local communities. Open collaborative workshop for international comparisons.**

Organizers: **Saara Matala** and **Anna Åberg** (Chalmers University of Technology)

*This session invites researchers to a workshop discussion of national and local histories of community transformation related to infrastructure development in a transnational and comparative setting. The session will commence with concise presentations delving into specific Swedish and Finnish refinery projects using the pecha-kucha method. These short presentations aim to serve as a catalyst for discussion, and they will be followed by an open invitation to all participants to present their own cases and/or comments.*

## **Friday 12 July 2024 - 9:00AM-10:30AM**

**F1, Room Edificio D-207 (Hybrid I): Animality as a Repairing Technology for the Meat Industry**

[JOIN HYBRID MEETING](#)

Organizer: **Chris Deutsch** (University of Missouri)

Chair: **Alexander Blanchette** (Tufts University)

*Presenters*

**Chris Deutsch** (University of Missouri): Seeing the Feedlot like a Steer: The Industrialization of Cattle Feedlots in the United States

**Abeer Saha** (Smithsonian Institution): Beefmasters, Artificial Insemination, and Breeding for Industrial Feedlots in the 20th Century (HOSTING)

**Andrew Seber** (University of Chicago): "A Changing Region: Rural Health, Land Loss, and the Price of Biosecurity"

**F2, Room Edificio D-208 (Hybrid II): Patent systems and participants (Part 1)**

[JOIN HYBRID MEETING](#)

Organizers: **Peter Meyer** (U.S. Bureau of Labor Statistics) and **Bernardita Escobar Andrae** (University of Valparaiso)

Chair: **Peter Meyer** (U.S. Bureau of Labor Statistics)

*Presenters*

**Bernardita Escobar Andrae** (University of Valparaiso): Women in the patent system in Castellan Americas' Capitalism: subverting the Marianismo ideology in early XX century Chile

**Michael Andrews** (University of Maryland, Baltimore County, US), **Enrico Berkes** (University of Maryland, Baltimore County) and **Ruveyda Gozen** (London School of Economics, UK): Quantifying Patenting by Women in the U.S., 1836-1940 -> MOVED TO SESSION F13

**Zorina Khan** (Bowdoin College): Women in the Republic of Enterprise: Entrepreneurship and innovation among French women inventors, 1791-1900

**Finni Jo Erdmann** (University of Mannheim): Sticking to the plan: Female inventors in the GDR

**F3, Room Edificio D-206: Epistemicidio y el problema de los límites de la reparación histórica**

Organizer: **Alexis Bedolla Velázquez** (UNAM):

Chair: **Fabian Prieto Nañez** (Virginia Tech)

*Presenters*



**Jacques Ferreira Pinto** (Oswaldo Cruz Foundation): Manumission, health and slavery in nineteenth century Brazil.  
**Leonardo Aranda Brito** (Medialabmx): No todo lo que brilla es oro: Historia material de la tecnología en México  
**Alexis Bedolla Velázquez** (UNAM): ¿Reparar lo irreparable? Sobre los límites de la historia de tecnologías médicas

#### **F4, Room Edificio A-202: Revolucionarios Cibernéticos Turns Ten (2013-2023) (Presidential Session)**

Chair: **Jose Ragas** (Pontificia Universidad Católica de Chile) and **Diana J. Montañó** (Washington University in St. Louis)

A Conversation with **Eden Medina** on the History Behind the Book

#### ~~**F4, Room Edificio A-202: Tecnologías del cuidado sanitario y alimenticio: Mujeres y niños, Chile siglo XX**~~

Organizer and Chair: ~~**Maria Soledad Zárate Campos**~~ (Universidad Alberto Hurtado)

##### *Presenters*

~~**Daniela Arrate**~~ (Universidad Academia Humanismo Cristiano, INFAS): El voluntariado femenino de las Gotas de Leche. Mujeres en la promoción y transmisión de la "crianza científica". Chile 1911-1924 — *SHOT ROBINSON PRIZE CANDIDATE*

~~**Javiera Errazuriz**~~ (Universidad Andrés Bello): Debates en torno a una tecnología de cuidados: la vacuna contra el VPH y estereotipos de género.

~~**Maricela González**~~ (Universidad de las Américas Chile, Núcleo de Investigación Social Aplicada (NISA)): "Los niños mueren, las madres sufren, la patria pelagra". Las mamaderas en las políticas sanitarias hacia madres e hijos. Santiago de Chile, 1890-1950

~~**Maria Soledad Zárate Campos**~~ (Universidad Alberto Hurtado) and ~~**Andrea del Campo**~~ (University of Manchester): Cuidado femenino y tecnologías anticonceptivas, Chile 1960-1990

#### **F5, Room Edificio A-203: NASA and Latin America**

Organizer: **Brian Odom** (National Aeronautics and Space Administration (NASA))

##### *Presenters*

~~**Erik Conway**~~ (NASA Jet Propulsion Laboratory): A Brief History of the U.S./Argentina Aquarius/SAC-D mission

~~**Hugo Palmarola**~~ (Pontificia Universidad Católica de Chile): NASA in Chile: Technology and Branding of the Main NASA Station in Latin America during the Cold War

~~**Pedro Alonso**~~ (Pontificia Universidad Católica de Chile): NASA in the Most Remote Area: The Laser Station and the Landing Strip on Easter Island during the 1980s

~~**Stephen Buono**~~ (University of Chicago): Latin America's Moon: Aldo Armando Cocca and the Question of Lunar Governance

#### **F6, Semi Hybrid Boardroom Edificio F-102: Reconstruction and Refurbishing: Repair and Maintenance in the Context of Mobility History in the Global South**

##### [JOIN HYBRID MEETING](#)

Organizer: **Yusuf Umar Madugu** (Bayero University)

Chair: **Jethron Ayumbah Akallah** (Maseno University)

##### *Presenters*

**Gladys Nyachieo** (Multimedia University of Kenya): Politics of Potholes Repairs, Maintenance and Safety in Kenya

**Livinus Ikwuako Okeke** (Imo State University): The unfulfilled obligations to colonial Infrastructures in Nigeria's Post-Independence Railway System

**Uche Uwaezuoke Okonkwo** (University of Nigeria): Public Works Department and Forced Labour in Road Construction and Repairs in Eastern Nigeria, 1900-1960

**Yusuf Umar Madugu** (Bayero University): Repair, Construction and Maintenance of Road Infrastructure and the development of Urban Mobilities in Kano, Nigeria 1908-2015

**Friday 12 July 2024 - 11:00AM-12:30PM**

**F7, Room Edificio D-207 (Hybrid I): Presidential Panel: Repairing, fixing, healing: disability and technology (Hybrid, Roundtable)**

[JOIN HYBRID MEETING](#)

Organizer and Chair: **Magdalena Zdrodowska** (Jagiellonian University)

*Panelists*

**Magdalena Zdrodowska** (Jagiellonian University)

**Ashely Shew** (Virginia Tech)

**Robert Stock** (Humboldt-Universität zu Berlin)

**Miryang Kang** (Korea Advanced Institute of Science and Technology)

**Raquel Velho** (Rensselaer Polytechnic Institute)

**Bess Williamson** (School of the Art Institute of Chicago)

**F8, Room Edificio D-208 (Hybrid II): Repair objects and cultures**

[JOIN HYBRID MEETING](#)

Chair: **Tisha Hooks** (Yale University)

*Presenters*

**Emanuela Scarpellini** (University of Milan): Re-fashion. Repairing and Rethinking the Fashion Model: the Case of Italy

**Helene Eisl** (University of Vienna): Preventive Repair, Preservation, and Reuse – A Case Study

**Marion Lester-Card** (Birkbeck University of London): Mass Consumption, Person-Object Relationships and Repair in late twentieth century Britain 1955-1972

**Tisha Hooks** (Yale University): Duct Tape and The Art and Craft of Making Do

**F9, Room Edificio F-102: Unseen actors: Repair in (un)expected spaces (Part 1)**

Chair: **Joachim Allouche** (University of Southern Denmark)

[JOIN HYBRID MEETING](#)

*Presenters*

**Joachim Allouche** (University of Southern Denmark): Design, Technology, and Production: Unseen technologies that helped the Danish glassware industry through the oil crisis -> MOVED TO SESSION F20

**David Drengk** (Institute of History, Technical University Dresden): Fish trade, everyday bicycle repair work and bikesmithing in southeastern Malawi

**Frank Dittmann** (Deutsches Museum, Munich): "Sick Dynamos" and Other Diseases of Electrical Machines – or Early Discourse on Maintenance and Repairs of Electrical Equipment

**Tristan Thielmann** (University of Siegen): Repairing Terrains: Smart Farming and Their New Bio- and Geo-diverse Actors

**F10, Room Edificio A-202: Reflexiones en torno a la producción de los cuatro tomos de Historia de la Ciencia y la Tecnología en Chile: convergencias, resistencias y transitorios (Roundtable)**

Organizers: **Cecilia Ibarra** and **Carlos Sanhueza** (Universidad de Chile)

Chair: **Carlos Sanhueza** (Universidad de Chile)

Commentator: **Daniel Pérez Zapico** (Universidad Autónoma de Madrid)

*Panelists*

**María José Correa** (Universidad Andrés Bello), and **Verónica Ramírez** (Universidad Adolfo Ibañez): Los géneros en la ciencia. Actores, prácticas y políticas

**Lorena Valderrama** (Universidad de Santiago de Chile), and **Marcelo Sánchez** (Universidad de Chile): Las ciencias y sus públicos. Circulaciones y colaboraciones en la producción de conocimientos científicos

**Bárbara Silva** (Pontificia Universidad Católica de Chile), and **Rodrigo Booth** (Universidad de Chile): Ciencia e historia ambiental: paisajes, conflictos y recursos

**Amarí Peliowski** (Universidad de Chile), and **Catalina Valdés** (Historiadora del arte e investigadora independiente): Cultura visual y material de las ciencias: imágenes, objetos y espacios

**Cecilia Ibarra** (Universidad de Chile), and **Nelson Arellano** (Universidad Academia de Humanismo Cristiano):  
Ciencia, tecnología e imaginarios de innovación

### **F11, Room Edificio A-203: Troubling the Nation-State: Configurations and Contestations (Interactive workshop)**

Organizer: **Palashi Vaghela** (University of California, San Diego)

Chair and Commentator: **Lilly Irani** (University of California, San Diego)

#### *Presenters and Commentators*

**Felipe Trujillo Bilbao** (Universidad Católica de Chile): Unpacking the rich and famous: The Rockefeller Foundation's global and confusing way – *SHOT ROBINSON PRIZE CANDIDATE*

**Julián Gómez-Delgado** (The New School for Social Research): Contesting the Infrastructured Nation-State: The Technopolitics of Privatization in Colombia

**Nithyanand Rao** (University of California, San Diego): Invisible Labor and the “Ghost Particle”: Underground Physics at the Kolar Gold Fields

**Palashi Vaghela** (University of California, San Diego): Taming the Giant: Brahmanical imaginaries in oral history narratives of IT luminaries

### **F12, Room Edificio A-204: Workshop on Writing for Everyone: Insights from IEEE Spectrum**

Organizer: **Allison Marsh** (University of South Carolina)

#### *Panelists*

**Allison Marsh** (University of South Carolina)

**Jean Kumagai** (IEEE Spectrum)

**Lynn Heidelbaugh** (Smithsonian Institution)

## **Friday 12 July 2024 - 12:30PM-2:30PM**

Lunch break (Campus restaurant is open to all participants)

#### *Lunch Lecture 1:00-2:00PM*

### **Room Edificio D-207 (Hybrid I): Plenary ICOHTEC Keynote Lecture**

#### [JOIN HYBRID MEETING](#)

**Antoni Roca-Rosell** (Institut d'Estudis Catalans): “At the origin of technical education: from private to public learning in the XVIII century. The options in Reims, Barcelona and Maó”

### **SHOT Special Interest Groups meetings 12:45PM-2:00PM**

- **Room Edificio F-102:** SHOT ASIA Network Lunch Meeting: Bring your own lunch
- Mercurians Lunch Meeting: Mercurians meet for an on campus (bring your own) lunch, further details to be provided
- **Room Edificio F-104** SIGCIS Business Lunch Meeting: Pre-registration required
- **Room Edificio F-103:** Women in Technological History (WITH) Lunch meeting: Pre-registration required

## **Friday 12 July 2024 - 2:30PM-4:00PM**

### **F13, Room Edificio D-207 (Hybrid I): Patent systems and participants (Part 2)**

#### [JOIN HYBRID MEETING](#)

Organizers: **Bernardita Escobar Andrae** (University of Valparaiso), and **Peter Meyer** (U.S. Bureau of Labor Statistics)

Chair: **Bernardita Escobar Andrae** (University of Valparaiso)

#### *Presenters*

**Sophiya Rishyna** (University of Mannheim): Women, Jews, and Foreigners. A Data Analysis of Minority Inventorship in Nazi Germany

**Peter B. Meyer** (U.S Bureau of Labor Statistics): Aeronautical inventors, 1880-1918

~~Sandro Maino~~ (University Federico Santa Maria), **Constanza Sanchez Bustos** (University Federico Santa Maria), **Daniela Gil Brignardello** (University Federico Santa Maria), and **Matías Correa Díaz** (University Federico Santa Maria): El patentamiento de tecnologías de la edificación en Chile entre 1840 y 1930  
**Martin Monsalve Zanatti** and **Jose Manuel Carrasco Weston** (University of the Pacific, Peru): Developing a patent system without innovation, Peru 1896-1930: Legislation, export and engineers  
**Michael Andrews** (University of Maryland, Baltimore County, US), **Enrico Berkes** (University of Maryland, Baltimore County) and **Ruveyda Gozen** (London School of Economics, UK): Quantifying Patenting by Women in the U.S., 1836-1940

#### **F14, Room Edificio D-208 (Hybrid II): Archaeology and the precolonial histories of technology in Africa**

##### [JOIN HYBRID MEETING](#)

Organizer: **Abidemi Babalola** (The British Museum)

Chair: **Damilola Adebayo** (York University, Toronto)

##### *Presenters*

**Neema Munisi** (University of Dodoma): The Social Life of Technology in the Indian Ocean World: Glass Beads in Precolonial Kilwa Kisiwani, Tanzania

**Robert Nyamushosho** (Queens College, City University New York): From Ore to Artifact: Exploring Metal Production and Consumption in Ancient Mberengwa, South-Central Zimbabwe

**Sulaiman Ahmed** (University of Ibadan): Precolonial Iron Working in Ile-Ife, Nigeria: Insights on Technology, Production, and Innovation

**Abidemi Babalola** (The British Museum): The Technology, Innovation, and Sociality of Glass in West Africa

#### **F15, Room Edificio D-206: Arqueología de la tecnología**

Organizer and Chair: **Carola Flores Fernández** (Facultad de Artes Liberales, Universidad Adolfo Ibáñez)

##### *Presenters*

**Nicolás Lira** (Facultad de Ciencias Sociales, Universidad de Chile): Tecnología de la madera en el sur de Chile: Análisis de objetos, herramientas y artefactos de madera desde la dendro-arqueometría

**Andrea González Ramírez and Arturo Saez Sepulveda** (Escuela de Arqueología, Universidad Austral de Chile): Tecnologías de la reproducción y sociotécnica del cuerpo: Diálogos entre arqueología y bioantropología

**Itací Correa Girulat** (Universidad Alberto Hurtado): Mantención y reparación y reparación de vasuas cerámica. El valor una relación en el litoral hiperárido del norte grande de Chile

**Daniella Jofré** (Facultad de Ciencias Sociales, Universidad de Chile): Las ruinas de la revolución: caracterización arquitectónica y tecnológica de plantas de beneficio de minerales en el extremo norte de Chile durante el siglo XVII y XVIII

#### **F16, Room Edificio A-202: Maintaining the “Business” of the History of Computing**

Organizer and Chair: **Sam Franz** (University of Pennsylvania)

##### *Presenters*

**Sam Franz** (University of Pennsylvania): The Post-Industrial University: Industry-Government Partnership in the History of Computing Education

**Zac Endter** (New York University): Labor and the Prehistory of Human-Computer Interaction, 1917–1962

**Salem Elzway** (University of Southern California): The Semiconductor’s Baton: Atari Politics and Computing at the End of the Cold War

**Charli Muller** (New York University): WiFi Neoliberalism: Wireless Networking’s Technical Undermining of the State 1985-2012

#### **F17, Room Edificio F-103: In)visible matters: unseen agents and actors in science and technology (Part 2)**

##### [JOIN HYBRID MEETING](#)

Organizer and Chair: **Hugo Pereira** (CIUHCT - NOVA School of Science and Technology)

##### *Presenters*

**Luísa Sousa** (CIUHCT - NOVA School of Science and Technology): Selling automobility through processes of invisibilization in twentieth-century urban planning in Lisbon

**Monique Palma** (CIUHCT - NOVA School of Science and Technology): Animals as agents in the process for care and healing humans in Portugal in the 19th century

**Isabel Amaral** (CIUHCT - NOVA School of Science and Technology): Unseen Forces in Conflict: Tropical Diseases and the Portuguese Experience in Africa during WWI

**Gloria Baigorrotegui B.** (University of Santiago of Chile): Reflections on the recent memory of two infrastructure repairers in a remote town. (Pre-recorded presentation)

### **F18, Room Semi Hybrid Boardroom Edificio F-102: Policies and Practices of Inclusion and Exclusion in Technology**

#### [JOIN HYBRID MEETING](#)

Organizer: **Alan Meyer** (Auburn University):

Chair: **Deborah Douglas** (MIT Museum)

Commentator: **Fabian Prieto-Ñañez** (Virginia Tech University)

#### *Presenters*

**Luis Blacha**, **Nahuel Rodriguez**, **Gabriela Cévalo Bora**, and **Hernán Thomas** (National Council for Scientific and Technical Research, (CONICET)/ Scientific Research Commission of the Province of Buenos Aires (CIC-PBA) / National University of Quilmes (IESCT-UNQ): Beef Extract for Social Inclusion? Dynamics of Meat Industrialization in Argentina (1873-1960)

**Alan Meyer** (Auburn University): Jim Crow at Home and Yankee Imperialism Overseas: The "Unforgivable Blackness" of African American Commercial Pilots, 1945-1964

**Lydia LaFavor** (Independent Scholar): Restoring/Repairing Airspace Control: Nicaraguan and Salvadorean Regional Shoulder-Fired Air Defense Missile Technology Procurement and Transfers, 1981-1989 – *SHOT ROBINSON PRIZE CANDIDATE*

### **Friday 12 July 2024 - 4:30PM-6:00PM**

### **F19, Room Edificio D-207 (Hybrid I): Economic development and innovation (Hybrid)**

#### [JOIN HYBRID MEETING](#)

Chair: John Krige (Georgia Tech)

#### *Presenters*

**Jorge Sosa** (Universidad Paris Nanterre - DICEN/ ArTec+): Tecno-estética e imaginación en la Industria 4.0: el caso de Audi México

**Tom Kelsey** (University of Oxford): "How Not To Do Industrial Strategy: the case of post-war Britain"

**Mila Samdub** (Yale Information Society Project): The "Indian model" of Networked Digitality: The Political Economy of Digital Public Infrastructures, 2009-present

**Aditi Dey** (The New School for Social Research): The Tech Entrepreneurs of Bangalore: Untold Histories of Making, Innovation, and Repurposing in a Rising Tech City, 1970s-2000s

### **F20, Room Edificio D-208 (Hybrid II): Unseen actors: Repair in (un)expected spaces (Part 2)**

#### [JOIN HYBRID MEETING](#)

Chair: **Elena Kochetkova** (University of Bergen)

#### *Presenters*

**Ransford Tei** (York University): 'Beyond Footprints': Uncovering the Invisible Labour of Human Porterage in the Pre-Colonial Economy of the Ashanti Empire, 1695 – 1896 – *SHOT ROBINSON PRIZE CANDIDATE*

**Urna Mukherjee** (Johns Hopkins University): Teak Planks and Coir Rigging: European encounters with technological cultures of ship repair in the Early Modern Indian Ocean

**Mingyang Li** (Institute for the History of Natural Sciences, Chinese Academy of Sciences): How a Material for Repair Became a Material for Construction: A Case Study on the Development of Cement Vessels in PRC

**Gloria Baigorrotegui B.** (University of Santiago of Chile): Reflections on the recent memory of two infrastructure repairers in a remote town. (Pre-recorded)

**Joachim Allouche** (University of Southern Denmark): Design, Technology, and Production: Unseen technologies that helped the Danish glassware industry through the oil crisis

**F21, Room Edificio D-206: Repairing Economies in the Americas: Technological Fixes, the Politics of Development, and Labor in the Late Twentieth Century (Roundtable)**

Organizer and Chair: **Jason Ludwig** (Cornell University)

*Panelists*

**Colette Perold** (University of Colorado, Boulder)

**Fabian Prieto-Ñañez** (Virginia Tech)

**Jason Ludwig** (Cornell University)

**Richard A. Bachmann** (University of Michigan)

**Sam Schirvar** (University of Pennsylvania)

**Verónica Uribe del Águila** ( UC San Diego)

**F22, Room Edificio A-202: Technology History and Collective Memory: A Discussion of the Exhibition and Book “How to Design a Revolution: The Chilean Road to Design”**

Organizer and moderator: **Eden Medina** (MIT)

*Panelists*

**Hugo Palmarola** (Pontificia Universidad Católica de Chile)

**Eden Medina** (MIT)

**Pedro Alonso** (Pontificia Universidad Católica de Chile)

**F23, Semi Hybrid Boardroom Edificio F-102: The Care and Feeding of Communications Networks (Mercurians sponsored) Works in Progress session**

[JOIN HYBRID MEETING](#)

Organizer: **Alexander B. Magoun** (IEEE History Center)

Chair and Comment: **Jonathan Coopersmith** (Texas A&M University)

*Presenters*

**Sebastian Rose** (University of Greenwich): "Security work as Maintenance: The Indo-European Telegraph Department in Makran in the late Nineteenth and early Twentieth Centuries"

**Gloria Calhoun** (Georgia Tech): "From Improvisation to Routine: Learning to Maintain and Repair Telegraph Lines"

**Alexander B. Magoun** (IEEE History Center): "When Old Technology is Old: Electronic Archeologists and Historic Maintenance of Communications Networks"

**Saturday 13 July 2024 - 9:00AM-4:00PM**

**Central Hall Edificio A: Reparemos Workshop**

Organizer: **Gloria Baigorrotegui** (Universidad de Santiago de Chile)

Workshop and Project Leader: **Dámari Rijo Rivas** (Director Fundación Rparemos)

This workshop Showcases the work of the Reparemos Grassroot Group, which also organizes donations to victims of the Viña fires.

The artifacts, which will be donated to the people affected by the fires on *Saturday at 16:15PM*, will be previously repaired in a separate session held in Quilpué in June, along with La Chispa Digital. The workshop stand will showcase work with images and video, and live repairs mostly as a demonstration.

The workshop would still do repairs of items brought by the participants, mainly small kitchen appliances, speakers, audio devices and similar objects. So please feel free to bring small items.

**Saturday 13 July 2024 - 9:00AM-10:30AM**

**S1, Room Edificio D-207 (Hybrid I): Earth repair? Global Perspectives on Technologies and Narratives of Sustainability (Part 1: Food and Agriculture)**

[JOIN HYBRID MEETING](#)

Organizers: **Matthias Heymann** (Aarhus University) and **Elena Kochetkova** (University of Bergen)

Chair: **Elena Kochetkova** (University of Bergen)

*Presenters*

~~**Pablo Carcamo** and **Maaz Gardezi** (Virginia Tech.): Agricultural Research Institutions between Promethean Control and Community Care~~

**Erik van der Vleuten** (Eindhoven University of Technology): Connected 'sustainability' histories and futures in Brazil and the Netherlands: reflections on a transnational, transformative and transdisciplinary history

**Anwar Hossen** (University of Dhaka): Neoliberalism, Dispossession, and Environmental Degradation in Dhaka City, Bangladesh: Contextualizing Sustainability Perspective

**Matthias Heymann** (Aarhus University): Meanings of sustainability: The invention of Sustainable Palm Oil

~~**Julia Lajus** (University of Helsinki) and **Dmitry Lajus** (Tartu University): Global Challenges in Marine Sustainability: IUU Fishing and Climate Change~~

**S2, Room Edificio D-208 (Hybrid II): Engineering Repair (Prometheans Sponsored Panel) (Flash Talks)**

[JOIN HYBRID MEETING](#)

Organizer and chair: **Ellan F. Spero** (MIT & Station1)

*Presenters*

**Paul A. Wlodkowski** (Harold Alfond School of Engineering Maine Maritime Academy) and **Svetlana B. Ulyanova** (Peter the Great St. Petersburg Polytechnic University): Repairing and Maintaining the "Road of Life": Science and Technology in the Siege of Leningrad

**Justin Castro** (Arkansas State University): The Mansion of Salina Cruz, Mexico: Engineers, Labor, and the Politics of the 'World's First Stationary Dredge

**David N. Lucsko** (Auburn University): Revisiting the Seat-Belt Interlock: A Case Study of the Utility of Automobile Repair Manuals

**Alexander L. Evenchik** (Northwestern University & MIT), **Ellan F. Spero** (MIT & Station1), and **Christine Ortiz** (MIT): Bridging Glass Education, Research, and Practice: Art, Engineering, and Experiential Learning at the MIT Glass Lab, 1967-1988

**S3, Room Edificio D-206: Trabajo, tecnología y reparación en la minería del cobre en Chile**

Organizer: **Angela Vergara** (California State University, Los Angeles)

Chair: **Lorena Campuzano** (Independent)

*Presenters*

**René Cerda Inostroza** (Universidad de Santiago de Chile - USACH): Potrerillos, una ciudad sobre desechos tóxicos, relaves, reutilización de desechos y comunidad (1925-1938) – *SHOT ROBINSON PRIZE CANDIDATE*

**Ximena Ortiz** (Universidad de Santiago de Chile): Tecnologías artesanales y métodos rudimentarios. Apuntes para una historia del trabajo pirquinero en el Norte Chico de Chile – *SHOT ROBINSON PRIZE CANDIDATE*

**Victor Tapia Araya** (Universidad de Tarapacá, Arica): Tensiones, resistencias y adaptación laboral en los albores de la industrialización de la mina de cobre de Chuquicamata (1915-1935) – *SHOT ROBINSON PRIZE CANDIDATE*

**Ángela Vergara** (California State University, Los Angeles): El Soldado, 1965: Desastre, Fatalismo, y Comunidades Mineras

**S4, Room Edificio A-202: Repair and Recycling in Early Modern Japan (17-19th Century)**

Organizer: **Dimitri Tatoyan** (CNRS)

Chair and Commentator: **Sarah Teasly** (RMIT University)

*Presenters*

**Mathieu H.D. Fauré** (EHESS): The Repair Business: Sources of Revenue and Resilience among Iron Smelters in late 17th and early 18th century Noto peninsula – *SHOT ROBINSON PRIZE CANDIDATE*

**Aleksandra Kobiljski** (CNRS): Repair preconditions recycling: the role of intermediary actors in 19th century Edo second hand cloth market

**Dimitri S. Tatoyan** (CNRS): All-purpose Fixer: The example of Kume Eizaemon in Sakaide saltfields and Besshi Copper Mine in the 1820's – *SHOT ROBINSON PRIZE CANDIDATE*

#### **S5, ~~Room Edificio A-203:~~**

**S6, Semi Hybrid Boardroom Edificio F-103: Observar, medir y registrar - técnicas de Cartografía y Astronomía en observatorios astronómicos de Latinoamérica - siglos XIX - XX (Work-in-progress session)**

#### [JOIN HYBRID MEETING](#)

Organizers: **Millena Farias** and **Sabina Luz** (Universidade Federal do Rio de Janeiro)

Chair and Moderator: **Millena Farias** (Universidade Federal do Estado do Rio de Janeiro)

Commentator: **Thomás Haddad** (Universidade de São Paulo):

#### *Panelists*

**Sabina Luz** (Universidade Federal do Estado do Rio de Janeiro): Entre péndulas y cronómetros: medir y registrar el tiempo en el Observatório Nacional de Brasil en la primera década del siglo XX

**Maria Romênia Silva** (Universidade Federal do Rio Grande do Norte): Mirando a Venus: el revolver fotografico y un astrónomo brasileño en Japón

**Millena Farias** (Universidade Federal do Rio de Janeiro): Del macro al microcosmos: disputas sobre el Instrumental Científico en el proceso De Institucionalización del Observatorio Imperial de Río De Janeiro (1826-1848)

**Marina Rieznik** (Investigadora independiente UNQ-CONICET): Documentaries of creation and academic research about Latin American Skies

## **Saturday 13 July 2024 - 11:00AM-12:30PM**

**S7, Room Edificio D-207 (Hybrid I): In pursuit of the real: from coffee to videogames to deep**

#### [JOIN HYBRID MEETING](#)

Chair: **Stefan Poser** (Karlsruhe Institute of Technology, KIT)

#### *Presenters*

**Leticia Galluzzi** and **Adriana Farah** (Federal University of Rio de Janeiro): Technologies to control coffee frauds \_ how the social history of coffee shaped methods and practices

**Thiago de Melo Ferreira** (Federal University of Rio de Janeiro (UFRJ)): Piracy and the History of Videogames in Brazil: From the scarcity of games in stores to the abundance of CDs and DVDs on the streets.

**Milosz Markiewicz** (Adam Mickiewicz University - Poznań): Truth Search Engines. Content verification technologies as a tool for repairing a post-pandemic world

**Aurélie Petit** (Concordia University): Digital Resurrection: Bridging the Gaps in the History of Computing Animation and Sexuality

**S8, Room Edificio D-208 (Hybrid II): Repair Words/Repair Worlds (Part 1) (Roundtable)**

#### [JOIN HYBRID MEETING](#)

Organizer and Moderator: **Joshua Grace** (University of South Carolina)

Commentator: **Feng Zhu** (University of Chinese Academy of Sciences)

#### *Panelists*

**Adele Leigh Stock** (Stanford University): Amazzi/Amanzi: Aquatic Technologies of Spiritual Repair in Twentieth Century Kampala and Johannesburg

**Ucheawaji Josiah** (Adeleke University & Comparative Heritage Project, The Valor Group, Athens, GA): A comparative-complexity analysis of Repentance/Repair words from a socio-political context in Nigeria, 2009 -2023

**Javaria Barandiaran** (University of California, Santa Barbara): Thinking through Exhaustion: Reflections from the Chile/U.S. Mineral Trade

**Lovisa Tegelela Nampala** (Ministry of Education, Arts and Culture, Ohangwena Education Directorate, Uukelo CS): The critical analysis of Aawambo Care and Healing system in the late-nineteenth century



### ~~S9, Room Edificio D-206:~~

#### ~~Meet the Editors~~

~~A Roundtable with Editors to talk on challenges and strategies of publishing in English~~

~~Organizer and Chair: **Jose Ragas** (Pontificia Universidad Católica de Chile)~~

~~-~~

~~Panelists:~~

~~**Leandro Rodríguez** (*Tapuya*: Latin American Science, Technology and Society)~~

~~**Dick Van Lente** (*Technology & Culture*)~~

### **S10, Room Edificio F-103: Transmedia Storytelling in History of Technology: Promoting Multivocality and Multiperspectivity in Web-based Narratives (Workshop: Video screening and discussion)**

#### [JOIN HYBRID MEETING](#)

Organizer: **Andreas Fickers** (University of Luxembourg)

Chair and Moderator: **Andreas Fickers** (University of Luxembourg):

#### *Presenters*

**Andreas Fickers** (University of Luxembourg) and **Helmuth Trischler** (Deutsches Museum München): Making Europe goes Comics: Translating Scholarship into an Interactive Online Comic

**Stefan Krebs** (University of Luxembourg): Minett-Stories: A Transmedia Project on a Steel Production Region in Luxembourg

**Dominique Santana** (University of Luxembourg): Colonia Luxemburguesa: An Interactive Web-documentary on the History of Steel Production in Brazil

**Chiara Ligi** (Design School of Politecnico di Milano): Moving Lusitania: An Immersive Voyage into the History of a Migrant Working Class District of an Industrial Town

### **S11, Room Edificio F-102: Earth repair? Global Perspectives on Technologies and Narratives of Sustainability (Part 2: Infrastructure and landscapes)**

#### [JOIN HYBRID MEETING](#)

Organizer and Chair: **Matthias Heymann** (Aarhus University)

#### *Presenters*

**Camila Salinas** (P. Universidad Católica de Chile), **Renato D'Alençon** (P. Universidad Católica de Chile), and **Carmen Gómez** (Fundación Instituto Profesional Duoc-UC, Valparaíso): The "flying sands" of Chanco: environmental remediation in Chilean landscape, 1900-1917

**Constanza Marin** (Universidad Católica del Norte): The transformation in rural land occupation and lifestyle around agriculture

**Elena Kochetkova** (University of Bergen): Food Making, Technology, and Sustainability in the Late Soviet Union

**Anwar Hossen** (University of Dhaka): Neoliberalism, Dispossession, and Environmental Degradation in Dhaka City, Bangladesh: Contextualizing Sustainability Perspective -> MOVED TO SESSION S1

## **Saturday 13 July 2024 - 12:30PM-2:30PM**

Lunch break (Campus restaurant is open to all participants)

#### [JOIN HYBRID MEETING](#)

*Lunch sessions 1:15PM-2:15PM*

#### **Auditorium (Edificio B): SHOT da Vinci Lecture 2024**

2024 SHOT da Vinci Medalist **Bill Leslie** will give his da Vinci Lecture titled *The Beach Boys v. The Snow Men: Cold War Suburbs in the US and the USSR. Don't miss it!*

From 12.45PM to 13.15PM sandwiches will be available for those attending the lecture in person!

### Added lunch session

**12:45PM-2:15PM: T11-2, Room Edificio D-208 (Hybrid II): Repairing and its practitioners**

[JOIN HYBRID MEETING](#)

Chair: **Rohini Patel** (University of Toronto)

#### Presenters

**Emmanuel Kengo** (University of Buea): From iron technologists to repairers of iron technology: The checkered history of iron technology in the North West of Cameroon.

**Lawrence Chichebem Solomon** (Nnamdi Azikiwe University): The Public Works Department (PWD) and Public Infrastructure Repair and Maintenance in Colonial Southeastern Nigeria, 1896-1960

**12:45PM-2:15PM: SHOT Special Interest Group lunch meeting**

- **Room Edificio F-103 Exploring Diversity in Technology's History (EDITH) Lunch Meeting** (pre-registration required)

## Saturday 13 July 2024 - 2:30PM-4:00PM

### THIS SESSION STARTS 2:20PM!

**S13, Room Edificio D-207 (Hybrid I): Transhemispheric Futures of the History of Technology (REDI)**

*Race and the History of Technology: learning from the Drexel/SHOT transhemispheric seminar.*

[JOIN HYBRID MEETING](#)

Organizer: **Jason Ludwig** (Cornell University) and **Kelcey Gibbons** (MIT) on behalf of the REDI Committee

Participants:

**Amy Slaton** (Drexel University)

**Tiago Saraiva** (Drexel University)

**Alexis Bedolla Velázquez** (UNAM)

**Ucheawaji Josiah** (Adeleke University & Comparative Heritage Project)

**Madhu Narayanan** (IIT Madras)

**Vanessa Velez** (Stanford)

**S14, Room Edificio D-208 (Hybrid II): Repair Words/Repair Worlds (Part 2) (Roundtable)**

[JOIN HYBRID MEETING](#)

Organizer: **Joshua Grace** (University of South Carolina)

#### Panelists

**Jonas van der Straeten** (Eindhoven University of Technology): Repairing, renovating, and negotiating identity at the (post)Soviet Periphery: Remont and Hashar

**Matthijs Degraeve** (FWO/Vrije Universiteit Brussel, Departments of History and Architectural Engineering): Repair as a marketing tool. Plumbers advertising repair skills in London, Paris and Brussels (1850-1940)

**Alberto Preci** (Post-doctoral fellow ANR Project Interruptions CNRS – CREDA): Make it run again: talking repair in the Argentine Chaco

**Jamie Pietruska** (Rutgers University - New Brunswick): Surveying 'Remedies' in the Countryside: Data Practices, Paper Technologies, and the Country Life Commission

**Consuelo Biskupovic** (Universidad Católica de Temuco): Socioecologías en torno a los bosques del desierto: una perspectiva desde la ciencia ciudadana y sus limitaciones

**S15, Room Edificio D-206: The Space Age in Latin America and the Caribbean: The Uses and Imaginaries of Outer Space and Space Technoscience**

Organizer: **Vanessa Freije** (University of Washington, Seattle)

Chair: **Bárbara Silva** (College UC / Instituto de Historia, Pontificia Universidad Católica de Chile)

*Presenters*

**Jorge Mujica-Urzúa** (Pontificia Universidad Católica de Chile/Universidad Bernardo O'Higgins): Examining the universe from the south: space race, local science, and magazines in Chile in the 1950s and 1960s

**Vanessa Freije** (University of Washington, Seattle): On-the-Ground Labor with Outer-Space Technologies: Workers at Mexico's First Satellite Earth Station

**Rebecca Charbonneau** (The National Radio Astronomy Observatory): Living Under 'El Radar': The Cold War's Impact on Arecibo Observatory and Puerto Rico

**Gloria Maritza Gómez Revuelta** and **Juan Niemes** (El Colegio de México/Universidad de Guadalajara): Space in Latin America, Latin America in space. Astropolitics in Argentina and Mexico, 1961–1991

**S16, Room Edificio A-202: Technology, Sovereignty, and the Grammar of Empire in the History of Ocean Sciences**

Organizer: **Penelope Hardy** (University of Wisconsin-La Crosse)

Chair and Commentator: **Penelope Hardy** (University of Wisconsin-La Crosse)

*Presenters*

**Natalia Gándara Chacana** (Pontificia Universidad Católica de Valparaíso): Weaponizing Indigenous and Vernacular Technologies: The Case of Patagonia's Hydrographic Expeditions – *SHOT ROBINSON PRIZE CANDIDATE*

**Nancy Ko** (Columbia University): The Depths of Indigeneity: Diving Technology and the "Offshore" of Italian Settler Colonialism – *SHOT ROBINSON PRIZE CANDIDATE*

**Jonathan Galka** (Harvard University/Yale-NUS College): Bivalve Knowledges in Chemical Environments: Ed Goldberg, the Mussel Watch, and Globalizing Technologies of Marine Molluscan Sensation – *SHOT ROBINSON PRIZE CANDIDATE*

**S17, Semi Hybrid Boardroom Edificio F-102: Earth repair? Global Perspectives on Technologies and Narratives of Sustainability (Part 3: Industry and energy)**

[JOIN HYBRID MEETING](#)

Organizer: **Matthias Heymann** (Aarhus University)

Chair: **Erik van der Vleuten** (Eindhoven University of Technology)

*Presenters*

**Corinna Zeltsman** (Princeton University): Searching for Cellulose: Building a Sustainable Paper Industry in 20th-century Mexico

**Nkemjika Chimee Ihediwa** (University of Nigeria): Transnational corporations in Nigeria and the sustainability question

**Santiago Garrido**, **Emilia Ruggeri**, and **María Fernandez Vicente** (IESCT, Universidad Nacional de Quilmes): Origins of solar energy in the southern global south. Experiences and projects developed in Argentina, 1970-1990

**S18, Semi Hybrid Boardroom Edificio F-103: Mending history of technology: ideas for the future direction of the discipline**

[JOIN HYBRID MEETING](#)

Organizers: **Anto Mohsin** (Northwestern University in Qatar) and **Sulfikar Amir** (Nanyang Technological University)

Chair: **Sulfikar Amir** (Nanyang Technological University)

*Presenters*

**Michael O'Reilly** (Barchester Healthcare): A longue durée approach to the history of technology

**Anto Mohsin** (Northwestern University in Qatar): Technology in world history: a comparative analysis of three textbooks

**Sulfikar Amir** (Nanyang Technological University): Maintaining Vulnerability: The Sociotechnical Construction of Nuclear Disaster in Fukushima Daiichi

**Saturday 13 July 2024 - 4:15PM-5:00PM** Coffee break

**La Chispa Digital & Fundación Reparemos:** Donation of repaired and reconditioned artifacts to a representation of people affected by the fires in Valparaiso Region

Organizers: **Dámari Rijo** (Fundación Reparemos), **Gloria Baigorrotegui** (Universidad de Santiago de Chile)

**Saturday 13 July 2024 – 6:00PM-7:45PM**

**4:45 PM - 6:15 PM Auditorium (Edificio B): SHOT and ICOHTED Awards and Fellowships Event**

[JOIN THE AWARDS EVENT ONLINE](#)

**6:15-7:45 PM, Central Hall Building A (Edificio A):** Joint Awards Reception  
(pre-registration required to avoid food waste)

The Awards and Fellowships Event is supported by **Hagley Museum and Library**





**Sunday 14 July 2024 - 9:00AM-5:00PM**

## **SHOT's SIGCIS Sunday**

# **System Update: Patches, Tactics, Responses**

Universidad Adolfo Ibáñez, Viña del Mar, Chile | July 14, 2024

**Separate registration for the SIGCIS Sunday meeting is required. The fee is not included in the registration for the main conference.**

The Special Interest Group on Computers, Information, and Society (SIGCIS) welcomes all with scholarly interests in the historical dimensions of information technology. Membership exceeds six hundred people worldwide and is open to all without charge, including those who are not members of SHOT. The group has an email list for announcements, discussion, and collaboration among those working in this field.

SIGCIS organizes a yearly meeting, often coordinating with SHOT, planning the meeting non the Sunday after the SHOT Annual meeting.

SIGCIS offers a whole day of sessions, coffee breaks and lunch included in the registration fee.

Room D-207 (Edificio D) Hybrid	Plenary sessions
Room D-208 (Edificio D)	Breakout



# NOTES AND RECORDS

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## Announcing the 8th *Notes and Records* Essay Award

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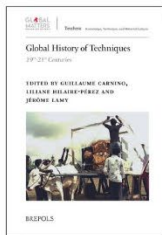


# NEW TITLES BREPOLS



## GLOBAL HISTORY OF TECHNIQUES (NINETEENTH TO TWENTY-FIRST CENTURIES)

Guillaume Carnino, Liliane Hilaire-Perez,  
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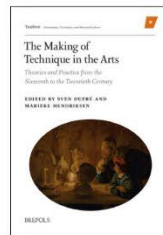


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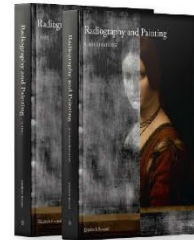
Sven Dupré, Marieke Hendriksen (eds)



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## RADIOGRAPHY AND PAINTING

Elisabeth Ravaut

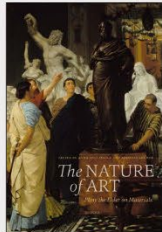


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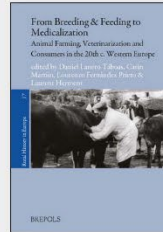


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Series: *Materiality*, vol. 1

## FROM BREEDING & FEEDING TO MEDICALIZATION

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AND CONSUMERS IN TWENTIETH-CENTURY  
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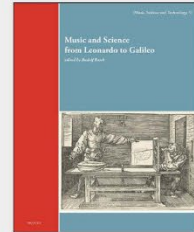
Daniel Lanero Taboas, Carin Martiin,  
Lourenzo Prieto, Laurent Hermet (eds)



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in Europe*, vol. 17

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Rudolf Rasch (ed.)

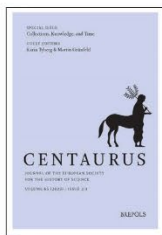


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ISBN 978-2-503-60080-2  
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and Technology*, vol. 5

## JOURNALS

### CENTAURUS. JOURNAL OF THE EUROPEAN SOCIETY FOR THE HISTORY OF SCIENCE, VOLUME 65 (2023), ISSUE 2

SPECIAL ISSUE: COLLECTIONS, KNOWLEDGE,  
AND TIME, EDITED BY KARIN TYBJERG  
AND MARTIN GRÜNFELD



243 p., 25 col. ills,  
178 x 254 mm, 2023,  
Paperback:  
ISBN 978-2-503-60359-9

### JOURNAL FOR THE HISTORY OF KNOWLEDGE, 4 (2023)

SPECIAL ISSUE: ENTANGLED TEMPORALITIES,  
EDITED BY HANSUN HSIUNG, LAETITIA LENEL,  
ANNA-MARIA MEISTER



288 p., 27 col. ills,  
178 x 254 mm, 2023,  
Paperback:  
ISBN 978-2-503-60459-6

### JOURNAL FOR THE HISTORY OF ENVIRONMENT AND SOCIETY VOL. 6 – 2021

COASTAL HISTORY



157 p., 7 b/w ills, 13 col. ills,  
156 x 234 mm, 2022,  
Paperback:  
ISBN 978-2-503-59220-6

## Where to find the meeting rooms at the campus

Please find the campus map here, with the building indications as are also mentioned per session.  
Sessions are planned in “Edificio A” and “Edificio D” (please check program)

The Plenary events planned in the Auditorium will all be in “Edificio B”

The Cafeteria (Casino) providing lunches 12:00 to 3:30 is situated in “Edificio C”

There will be an option to pre-order your lunch one day earlier by picking up a menu at the registration and handing in your order.

