Conference Venue
We will meet near downtown Los Angeles in the University of Southern California, on campus, USC Hotel, which is not part of the labor dispute.

USC Hotel
3540 S Figueroa Street
Los Angeles CA 90007
United States
Telephone: 1-833-22665872
https://uschotel.usc.edu/

Hybrid and Fully Online Sessions
Links to the Zoom meeting rooms will be made available on Wednesday 25 October, for all who registered, for full participation as well as for the Hybrid only.

Overview of Events and Activities

**THURSDAY 26 October 2023**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00AM-2:00PM</td>
<td>Executive Council Meeting (open to all members)</td>
<td>Victory A</td>
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<tr>
<td>3:00PM-4:30PM</td>
<td>Technology &amp; Culture Contributing Editors Meeting</td>
<td>Victory A</td>
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<tr>
<td>3:00PM-4:30PM</td>
<td>Roundtable How Fear and Promises Shape Technological Governance and Possibility</td>
<td>Champions A</td>
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<tr>
<td>5:45PM-7:30PM</td>
<td>Plenary Opening Session</td>
<td>Grand Ballroom Center</td>
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<tr>
<td>Time</td>
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<tr>
<td>7:30PM-9:00PM</td>
<td>Opening Reception (pre-registration requested)</td>
<td>McKay’s Main Dining Room</td>
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<td><strong>FRIDAY 27 October 2023</strong></td>
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<tr>
<td>7:00AM-8:00AM</td>
<td>First time attendees &amp; students meet SHOT officers for breakfast and conversation (pre-registration required)</td>
<td>Victory A</td>
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<tr>
<td>7:00AM-8:30AM</td>
<td>Hybrid Sessions</td>
<td>Various rooms + online</td>
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<tr>
<td>8:00AM-6:00PM</td>
<td>Registration Desk</td>
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<tr>
<td>8:00AM-7:30PM</td>
<td>Book Exhibit</td>
<td>Galleria</td>
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<tr>
<td>8:45AM-10:15AM</td>
<td>Session Block 1</td>
<td>Various rooms</td>
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<tr>
<td>10:15AM-10:45AM</td>
<td>Break</td>
<td>Galleria and Breezeway</td>
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<tr>
<td>10:45AM-12:15PM</td>
<td>Session Block 2</td>
<td>Various rooms</td>
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<tr>
<td>12:15PM-2:15PM</td>
<td>Lunch break (lunch not included)</td>
<td>Participants on their own</td>
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<tr>
<td>12:15PM-2:15PM</td>
<td>Lunch Meetings:</td>
<td>Locations to be announced</td>
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<tr>
<td></td>
<td>- SHOT’s Gathering of Elders (SAGE) Lunch Meeting</td>
<td>(see website/announcements)</td>
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<td>- SIGCIS Lunch Meeting</td>
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<td>- Africa SIG Lunch Meeting</td>
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<tr>
<td>2:15PM-3:45PM</td>
<td>Session Block 3</td>
<td>Various rooms</td>
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<tr>
<td>3:45PM-4:15PM</td>
<td>Break</td>
<td>Galleria and Breezeway</td>
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<tr>
<td>4:15PM-5:45PM</td>
<td>Session Block 4</td>
<td>Various rooms</td>
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<tr>
<td>6:00PM-7:30PM</td>
<td>Community Meeting: Creating an Maintaining SHOT’s Future</td>
<td>Hotel 1880</td>
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<tr>
<td>8:00PM-10:00PM</td>
<td>Grad Student Mixer</td>
<td>Location to be announced</td>
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<td><strong>SATURDAY 28 October 2023</strong></td>
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<tr>
<td>7:00AM-8:30AM</td>
<td>Online session: Publishing Journal Articles (presidential session)</td>
<td>Online (see website for link)</td>
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<tr>
<td>7:00AM-8:30AM</td>
<td>Hybrid Session: Flexible Mobility Landscapes in Africa</td>
<td>Champions A + online</td>
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<tr>
<td>8:00AM-6:00PM</td>
<td>Registration Desk</td>
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<td>8:00AM-7:30PM</td>
<td>Book Exhibit</td>
<td>Galleria</td>
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<tr>
<td>8:45AM-10:15AM</td>
<td>Session Block 5</td>
<td>Various rooms</td>
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<tr>
<td>10:15AM-10:45AM</td>
<td>Break</td>
<td>Galleria and Breezeway</td>
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<tr>
<td>10:45AM-12:15PM</td>
<td>Session Block 6</td>
<td>Various rooms</td>
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<tr>
<td>12:15PM-2:15PM</td>
<td>Lunch break (lunch not included)</td>
<td>Participants on their own</td>
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<tr>
<td>12:15PM-2:15PM</td>
<td>Lunch Meetings:</td>
<td>Locations to be announced</td>
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<tr>
<td></td>
<td>- EDITH Lunch Meeting</td>
<td>(see website/announcements)</td>
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<td>- Asia Network Lunch Meeting</td>
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<td></td>
<td>- Mercurians &amp; Jovians Lunch Meeting</td>
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<tr>
<td>2:15PM-3:45PM</td>
<td>Session Block 7</td>
<td>Various rooms</td>
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<tr>
<td>3:45PM-4:15PM</td>
<td>Break</td>
<td>Galleria and Breezeway</td>
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<tr>
<td>4:15PM-5:45PM</td>
<td>Session Block 8</td>
<td>Various rooms</td>
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<tr>
<td>6:00PM-8:00PM</td>
<td>SHOT Awards and Fellowships Event and Reception</td>
<td>Hotel Grand Ballroom Center + McKay’s Main Dining Room</td>
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SUNDAY 29 October 2023

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<tbody>
<tr>
<td>9:00AM-11:00AM</td>
<td>Albatrosses Sunday Morning Meeting</td>
<td>Champions A</td>
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<tr>
<td>9:00AM-12:30PM</td>
<td>Prometheans Sunday Morning Meeting</td>
<td>Champions B</td>
</tr>
<tr>
<td>9:00AM-13:00PM</td>
<td>Edith and With Sunday Morning Workshop</td>
<td>Victory A</td>
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Conference Organization
Program Committee
Jethron Akallah, Chair
Josh Grace, Associate Chair
Bess Williamson
Diana Montaño
Itty Abraham

SHOT Organizing Team
SHOT Secretariat
Jan Korsten (Secretary)
Sonja Beekers (Assistant)
Henk Treur and Jeroen Carbaat (Support Staff)

SHOT Officers
Gabrielle Hecht (President)
Debbie Douglas (Vice President)
Amy Bix (Treasurer)
Ruth Oldenziel (Editor Technology and Culture)

And a special word of thanks to:
Alina Bykova, Matthew Wisnioski, Lesli Montgomery, Dean Schultheiss, and our volunteer staff for helping us to organize this meeting.
To Brenda L. Mendoza and Aro Velmet of University of Southern California for making the meeting in the USC Hotel possible.
And to Staci Samadani, Robert Trano, Yareli Lopez, and Jane Gollayan of the USC Hotel for their patience and support.

The Society for the History of Technology gratefully acknowledges the following sponsors, publishers, and supporters. We thank them for their generosity and support:
AIP
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Foundation for History of Technology
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Johns Hopkins University Press
Linda Hall Library of Science, Engineering and Technology
MIT Press
The University of Chicago Press
University of Southern California (USC)

Thursday, 26 October 2023
9:00 AM – 2:00 PM

Executive Council Meeting (open to all members)
Room: Victory A

3:00 PM – 4:30 PM

T&C Contributing editors meeting
Room: Victory A
Organizer and Chair: Dick van Lente (Book Review Editor Technology & Culture)
(Closed meeting)

T1: How Fear and Promises Shape Technological Governance and Possibility (Roundtable)
Room: Champions A
Organizer: Jonathan Coopersmith (Texas A&M University)
Moderator: Yulia Frumer (Johns Hopkins University)

Panelists
Amy Bix (Iowa State University)
Gloria Calhoun (Georgia Tech)
Arthur Daemmrich (Arizona State University)
Jeremy Green (Johns Hopkins University)
Andrew Meade McGee (National Air & Space Museum)
Aaron Mendon-Plasek (Yale Law School)

5:45 PM – 7:30 PM
Plenary Opening
Room: Grand Ballroom Center + live stream
Opening by Gabrielle Hecht (SHOT President – Stanford University)

From Archives to Genealogies: Problematising Technology and Modernity (Presidential Session)
Organizer: Itty Abraham (Arizona State University)

Lindsey Smith (Arizona State University)
Jethron Akallah (Maseno University)
Gabriela Soto Laveaga (Harvard University)
Jaakko Suominen (University of Turku)
Alexandra Osorio (TU Darmstadt)

7:30 PM – 9:00 PM
Opening Reception
Room: McKay’s Main Dining Room
(Pre-registration required to avoid food waste.)
The Opening Reception is supported by the B and B Stern Foundation Inc, in honor of the Melvin Kranzberg Legacy

Friday, 27 October 2023
7:00 AM – 8:00 AM

First Attendees & Students meet SHOT Officers for Breakfast and conversation.
Room: Victory A
(Pre-registration required to avoid food waste.)

Friday, 27 October 2023
7:00 AM – 8:30 AM

FH1: Researching gender in the history of the Internet and the Web (Roundtable)
Room: Champions A - Hybrid Session
Organizers: Janet Abbate (Virginia Tech), Autumn Edwards (Western Michigan University), Leopoldina Fortunati (University of Udine), and Valérie Schafer (University of Luxembourg)
Chairs: Janet Abbate (Virginia Tech) and Autumn Edwards (Western Michigan University)
Commentators: Leopoldina Fortunati (University of Udine) and Valérie Schafer (University of Luxembourg)

Panelists
Chinar Mehta (University of Hyderabad)
Laine Nooney (New York University)
Cassius Adair (The New School, Department of Media Studies)
Avery Dame-Griff (Gonzaga University)
Deena Larsen (Independent Scholar) (virtual only)

FH2 Children, adults, and nuclear fear, 1945-2002
Room: Hotel 1880 - Hybrid Session
Organizer and Chair: Dick van Lente (Eindhoven University of Technology)
Commentator: Jaehwan Hyun (Pusan National University)

Presenters
Laura Ciglioni (University of Rome): Children, adults and nuclear fear in Italy, 1945-1985
Tiia Saharakori (Aalto University): Exploring Finnish emotional histories of nuclear fear and anxiety: an oral history
Dick van Lente (Eindhoven University of Technology): Dutch pedagogues and writers on how to help children grow up in a world threatened by nuclear destruction, 1980s

Friday, 27 October 2023
8:45 AM – 10:15 AM

FH3: Exploitation of Nuclear Energy: Scientific Discoveries & Political Conflicts
Room: Champions A - Hybrid Session
Organizer: Baisakhi Bandyopadhyay (The Asiatic Society Kolkata India)
Chair: Somaditya Banerje (Austin Peay State University)
Presenters

**Baisakhi Bandyopadhyay** (History of Science, the Asiatic Society, Kolkata): India’s Road to Utilization of Nuclear Energy Post Pokhran Explosion

**Tom Kelsey** (University of Oxford): Whitehall’s Atomic Scepticism: rethinking nuclear power policy in post-war Britain

**Kapil Patil** (Friedrich-Alexander University of Erlangen-Nuremberg): The IAEA, Atomic Energy Promotion, & the Conflicts around Safety Standards

**Sk Maidul Rahaman** (Kazi Nazrul University, Asansol): Nuclear science and nuclear energy: Two peripheral aspects of post Independent India’s Mission

**FH4: Revisiting Lisa Krohn’s Cyberdesk (1993), a cyberfeminist concept model (Roundtable)**

*Room: Hotel 1880 - Hybrid Session*

Organizers: **Jessica Walthew** and **Sarah Barack** (Cooper Hewitt Smithsonian Design Museum)

Moderator: **Sarah Barack** (Cooper Hewitt Smithsonian Design Museum)

Commentator: **Isabelle Held** (Smithsonian Postdoctoral Fellow, NASM, NMAH, CHSDM)

Panelists

**Jessica Walthew** (Cooper Hewitt Smithsonian Design Museum)

**Cynthia Trope** (Cooper Hewitt Smithsonian Design Museum)

**Michelle Barger** (SFMOMA)

**Jennifer Dunlop Fletcher** (SFMOMA)

**Lisa Krohn** (Krohn Design)

Reverse engineering is society made legible

*Online only via Zoom – link will be posted in the online program*

Organizer and Chair: **Ezra Teboul** (McGill University CIRMMT)

Commentator: **Collette Perold** (University of Colorado)

Presenters


**Ezra Teboul** (McGill University CIRMMT): Reverse engineering in electronics history

**Ingrid Burrington** (University of Delaware): Shipping manifest destinies: reverse engineering mineral supply chains of mid-twentieth century electronics

**Matthew Hockenberry** (Fordham University): Limits of Platform: Retrogaming, Glitch Hunting, and the Archaeologies of Speed Running

**F1: Early Career Workshop – Session – I**

*Room: Victory A*

Organizer: **Early Career Interest Group (ECIG)**

Chair: **Jason Ludwig** (Cornwell University)

Presenters:

**Jordan Ali** (Cornell University): "Empire Online: How the US Government Reterritorialized Cyberspace after 9/11"
Dina Pfau (Deutsches Museum München/ University of Luxembourg): "Behind the Scenes: A History of Computer Vision in West Germany"

Marco Trigoso (University of Massachusetts): "The role of influencers in developing neoliberalism"

F2: Techno-bodies from near and far: particularity, situatedness and infrastructures - I

Room: Champions B
Organizer: Jan Müggenburg (Leuphana University Lüneburg)
Chair: Elizabeth Petrick (Rice University)
Commentator: Christina Vagt (University of California)

Presenters
Barbara Hof (University of Lausanne): A bottom-up governance process? The OECD’s planning of the computerized future

Benjamin Prinz (University of Weimar): How dairy equipment got the blood whirling: The construction of artificial lungs from cream separators around 1935 (pre-recorded)

Jan Müggenburg (Leuphana University Lüneburg): “Assistive Technologies” and the infrastructures of Dis/Ability: Gaze Control in Augmentative and Alternative Communication (AAC) around 1990

F3: Innovation for the Imperial Endgame: Technology, Infrastructure, and the Dynamics of Empires at their Apex, 1920s-1940s

Room: 203
Organizer: Andrew Denning (University of Kansas)
Chair: Aro Velmet (University of Southern California)

Presenters
Andrew Denning (University of Kansas): Automotive Empire as Transimperial Form and Imperial Era in Interwar Africa

Karen Miller (LaGuardia Community College/CUNY Graduate Center): The Technologies of Internal Migration and Colonial Capitalism in the Interwar Philippines

Andreas Greiner (German Historical Institute, Washington): Cooperation and Competition in the Air: Imperial Airlines en route to the Far East

Kento Yokoi (University of Tokyo): Military Radio as “Technopolitics” and Japanese Imperialism – Southern Operations by the Japanese Navy in the Pacific War

F4: Money Machines: The Political Economy of Computational Media

Room: 205
Organizer and chair: Colette Perold (University of Colorado Boulder)

Presenters

Jacob Gaboury (University of California, Berkeley): An Image of an Image: Screenshot Cultures Under Control and in Circulation

Jeannette Estruth (Bard College): “The Long Boom”: Industrial Policy and the Personal Computer in the Information Age

F5: Risk and Safety
Room: 207
Chair: Arwen Mohun (University of Delaware)

Presenters
Matthew Hersch (Harvard University): Crusaders and Demons: Naval Aviation in an Age of Uncertainty

F6: Technologies, Industries, and Economic Change – I
Room: 210
Chair: Richard Hirsh

Presenters
Christopher Neumaier (Leibniz Centre of Contemporary History (ZfF) Potsdam): The Quest for Efficiency: Automation, Group Work, and the West German Automotive Industry, 1970s–1990s
Glenn Bugos (Moment LLC): The Fremont auto assembly plant as a logistics hub, 1963-2020

Friday, 27 October 2023
10:45 AM – 12:15 PM

FHS: Presidential Session: "Epistemic Diversity in the History of Technology and Beyond: A Roundtable Discussion"
Room: Hotel 1880 - Hybrid Session
Organizers: Sonja D. Schmid (Virginia Tech) and Jason Ludwig (Cornell University)

This Presidential Panel brings together individuals in disciplines related to the history of technology, whose work interrogates histories of racism, discrimination, and exclusion in relation to technology, and who have sought to advance diversity and equity within their own fields. Panel members will discuss how attention to histories of inequality have shaped their analytic and conceptual toolkit, how their work might intersect with histories of technology, and what kinds of infrastructures are required to support this work, and to encourage collaboration with members of the SHOT community.

The panel is organized by members of SHOT’s Committee on Racial Equity, Diversity, and Inclusion (REDI), which aims to address systemic and epistemic racism at SHOT and in the global intellectual field it represents.

Panelists
Brooke Coley, Engineering, Arizona State University
Aimi Hamraie, Medicine, Health, and Society, Vanderbilt University
Serena Oduro, Data and Society, New York
Freddy Paige, Civil and Environmental Engineering, Virginia Tech
Aditi Verma, Nuclear Engineering, University of Michigan

FH6: Cybernetics, or the perils of futures past
Organizer, Chair and Commentator: Peter Krapp (University of California, Irvine)

Presenters
Paul Pangaro (Carnegie Mellon University): Cybernetics and Design: #NewMacy Conversations for Action
Ensar Temizel (Carnegie Mellon University): ARCHITRAINER: An Interactive Machine at the Intersection of Architecture, Cybernetics, Psychology and Technology
Cem Ismail Addemir (University of California, Irvine): Beyond the Mechanical Atatürk

F7: Global Perspectives on Technologies of Risk and Safety
Room: Victory A
Organizer and Chair: Jan Hua-Henning (Duke Kunshan University)
Commentator: Arwen Mohun (University of Delaware)

Presenters
Jan Hua-Henning (Duke Kunshan University): Selling the Fire-Free City: International Fire Exhibitions, 1878-1904
Jaehwan Hyun (Pusan National University): Even before Knowing the Risk: Barbers’ Sanitary Masks and Risk Knowledge in Colonial Korea
Peter Soppelsa (University of Oklahoma): Multispecies Risk and the Shift from Rat War to Rat Control

F8: Rethinking Roads: Histories of Exclusion, Resistance, and Appropriation
Room: Champions B
Organizer: Mario Peters (German Historical Institute Washington)
Chair and Commentator: Thomas Zeller (University of Maryland, Department of History)

Presenters
Amanda K. Philips de Lucas (University of Baltimore): Parks Over People: Parkland Preservation, Environmental Protection, and Urban Interstates
Douwe Schipper (Johns Hopkins University): Divided Activism: Infrastructural Outcomes and the Amelisweerd Highway Fights, 1970s-1980s
Mario Peters (German Historical Institute Washington): Toward a More Nuanced History of a Very Long Road: The Pan-American Highway, 1923-1941

F9: Embodying and Gendering Latin American Technocultural Worlds
Room: 203
Organizer: Yovanna Pineda (University of Central Florida)
Chair: Diana Montaño (Washington University in St. Louis)

Presenters
Pete Soland (Southeast Missouri State University): Conquistadores del Cielo: Masculinity, Aesthetics, and the Aviator Celebrity in Latin America
David Dalton (University of North Carolina at Charlotte): Eugenics, Artificial-Selection, and Aesthetics: Deconstructing Gender and the Family Unit in Eduardo Urzaiz’s Eugenia
Yovanna Pineda (University of Central Florida at Orlando): Gendered Aesthetics of Argentine Industry and Labor in Visual Arts, 1868-1928
Yohad Zacarías (University of Texas at Austin): “Chispita te aconseja”. Energy Aesthetics and Neoliberal visions in Chile (1968-1990)

F10: Standards-in-Use
Room: 205
Organizer and Chair: Lee Vinsel (Virginia Tech)

Presenters
Liat Spiro (College of the Holy Cross): “Power Conveyance: Afterlives of Géométrie Descriptive in the United States and Central Europe, 1815-1873”
Stephen Mihm (University of Georgia): Constructing Codes: Meta-Standards and Technological Systems in the United States
Ella Coon (Columbia University) - ROBINSON PRIZE CANDIDATE: Control Data’s Production of IBM Plug-Compatible Computer Peripherals behind the Iron Curtain—Market Power as Standard-Setting?

F11: Working in, with and against the machines: historic trajectories of automation
Room: 207
Organizer: Roger A. Soeraa (NTNU)
Chair and Commentator: Christopher Kelty (University of California, Los Angeles)

Warren Sack (University of California, Santa Cruz): Computation and the operations of work
Roger A. Soeraa (NTNU: Norwegian University of Science and Technology): Bias in the labor market perpetuated by automation
Shota Vashakmadze (University of California, Los Angeles): Labor Politics for the Job Captain, or How to Organize Your Computer-Aided Office
Mark W. Kharas (NTNU: Norwegian University of Science and Technology): Historical perceptions of the automation of work

F12: Surveillance, Rights, and Technological Governance – I
Room: 210
Chair: Paul N. Edwards (Stanford University)

Presenters
Benedict Olgado (University of California, Irvine): Homo Documentators and the Human Rights Database
Nikhil Dharmaraj (Harvard College) - ROBINSON PRIZE CANDIDATE: The Digital Afterlives of Brahminical Colonialism: Biometric Surveillance, Facial Recognition Technology, & AI Ethical Complicities in India, 1858-2022
Nelson Ribeiro (Catholic University of Portugal): Installing a Retransmission Center in a Fascist Country to Counter Communism: the case of Radio Free Europe in Portugal (pre-recording)

F13: Models of modern technological change: a global perspective – I
Room: 212
Organizer: Francisca Valenzuela-Villaseca (King's College London)
Chair: Samaa Elimam (University of California, Los Angeles)
Presenters

Edisson Aguilar Torres (King's College London) - ROBINSON PRIZE CANDIDATE: ‘Fighting windmills.’
The Critiques of Diffusionism in the Global History of Technology

Benjamin Kodres-O’Brien (Columbia University): What’s the Use?: Industrial Electricity Consumers as Agents of Change

Shankar Nair (King's College London): Producing the Periphery: Imperialism and Technological Change in the Historiography of Technology

Francisca Valenzuela-Villaseca (King's College London): ‘Diffusionism,’ imported technology, and the historiography of technology in Latin America

Friday, 27 October 2023
12:15 PM – 2:15 PM Lunch break

Special Interest Group Lunch Meetings (Locations TBA) (pre-registration requested)
- SHOT’s Gathering of Elders (SAGE) Lunch Meeting
- SIGCIS Lunch Meeting
- SMiTiNg Lunch Meeting
- WITH Lunch Meeting
- Africa SIG Lunch Meeting

Friday, 27 October 2023
12:30 PM – 2:00 PM Lunch Time Sessions

FH7: Technology and Literature
Room: Champions A - Hybrid Lunch Session
Chair: Lisa Parks (UCSB)

Presenters

Mario Ramirez-Arrazola (University of Oklahoma): Infrastructural Madness in Allan Sekula’s Fish Story (1989-1995)
Kaitlyn Smith (Georgia Institute of Technology): “Haunted Mills: Emergent Technologies as Horror and Protest in the Southern Gothic”
Margie Borschke (University of Sydney): The most important book never written: a media history of Saul Kripke’s scholarly szamizdat.

Friday, 27 October 2023
2:15 PM – 3:45 PM

FH8: When is Race a Technology?
Room: Champions A - Hybrid Session
Organizer: Jason Ludwig (Cornell University)
Chair and Commentator: Taylor Moore (University of California Santa Barbara)

Presenters

Program SHOT Annual Meeting– Version 20 October – Page 11
Jonathan Givan (Rensselaer Polytechnic Institute): Stress Testing the Blues
Kelcey Gibbons (Massachusetts Institute of Technology): Remember our future: James C. W. Pennington and Historians of Black Technology.

FH9: Risky Business: Technologies Measuring, Mitigating, and Marketing Risk
Room: Hotel 1880 - Hybrid Session
Organizer: Devin Kennedy (University of Wisconsin–Madison)
Chair: Alma Steingart (History, Columbia University)

Presenters
Yue Zhao (STS, Cornell University): In Sync with the System: Biorhythms and the Calculation of Risky Bodies in China, 1979-1999
Devin Kennedy (History, University of Wisconsin–Madison): NonStop: Catastrophe and the Always-on Economy, 1976-1993
Eli Nelson (American Studies, Williams College): Risk and Records at the End of the World
Mar Aidinoff and Gili Vidan (Southern Studies, University of Mississippi; Information Science, Cornell University): Muddling Through: Making Risk Manager and the Problems of Public Policy

F14: Historian as Archivist: Honoring Sheldon Hochheiser (AT&T Archives and History Center)
Room: 203
Organizer and Chair: Mara Mills (New York University)
Commentator: Sheldon Hochheiser (AT&T Archives and History Center)

Presenters
Emily Thompson (Princeton University): The Texture of Technical Work
Ronald Kline (Cornell University): “Behind the Scenes of the Simultaneous Invention of Information Theory” (pre-recorded)
Xiaochang Li (Stanford University): “An Imaginary Spectrograph”: On the Emergence of Speech Recognition at AT&T Bell Laboratories

F15: Imperial Machinery and Techno-Orientalism
Room: 205
Organizers: Setsuko Yokoyama (Singapore University of Technology and Design) and Clare Kim (University of Illinois at Chicago)
Chair: Frank Mondelli (University of Delaware)

Presenters
Clare Kim (University of Illinois at Chicago): Norbert Wiener’s ‘Yellow Peril’: Race and Cybernetics in the Pacific War
Long Bui (University of California, Irvine): Considering Global Histories of Technology through the Asian Automaton
Setsuko Yokoyama (Singapore University of Technology and Design): From Turtle Island to Taiwan: Imagined Use of Visible Speech as a TransPacific Colonial Tool
Theodora Dryer (New York University): Cloud Seeding as Imperial Machinery

F16: “It can happen here”: How Fear and Promises Shape Technological Governance and Possibility
Room: 207
Chair and Commentator: Arthur Daemmrich (Arizona State University)

Presenters
Amy Bix (Iowa State University): “Everything Old Is New Again?: Concerns over Rapid Technological Changes and Social Destabilization”
Gloria Calhoun (Georgia Tech): “The Underground Question”
Jeremy Greene (Johns Hopkins University): “The Medium of Care is Never Neutral”

F17: Roots, fruits, and trees in transit: Transnational flows of plants and knowledge
Room: 210
Organizer: John Krige (Georgia Tech)
Chair: Maria Paula Diogo (Nova University of Lisbon)
Commentator: John Krige (Georgia Tech)

Presenters
Tiago Saraiva (Drexel University): Longue Durée Travels of Manioc across the South Atlantic. Empires, State and Maroons
David Fedman (University of California at Irvine): To Bring Beppu to Borneo: The Ō Paper Company and its Scientific Mission to Southeast Asia, 1933-1942
Helen Curry (Georgia Tech): Imperial Potatoes in a Transnational Frame

F18: Medical Technologies I – Making Things, Producing Knowledge
Room: 212
Chair: Matthew Wisnioski (Virginia Tech)

Presenters
Roan Parrish (Virginia Tech) - ROBINSON PRIZE CANDIDATE: Constructing an Electronic Medical Record
Isabela Dornelas (Dep. III, Max Planck Institute for the History of Science): Mending the womb: a history of sutures in obstetrical surgery (Brazil 1904-1955)
Jesudoss Arokiam (L.N. Government College (Autonomous) Tamil Nadu): Jesuit medical works in India 1820-1920: A few historiographical critiques
Herbert Ndomba (University of Dar es Salaam): The influence of covid 19 pandemic on innovations, technological development and material culture in Dar es Salaam, Tanzania

F19: Historical Approaches to AI
Room: Victory A
Chair: Elizabeth Petrick (Rice University)

Presenters
John Tinnell (University of Colorado Denver): The Anthropologist of AI: Lucy Suchman on the Limits of Human-Computer Interaction
Henry Osman (Brown University): A Mortal Computer: Neuromorphic Computation and AI Death
Heng Zhang (Nanjing University of Chinese Medicine): The Historical Evolution and Social Function of Intellectual Property Rights and Their Status in the Age of Artificial Intelligence (co-authored)

F20: Techno-bodies from near and far: particularity, situatedness and infrastructures - II
Room: Champions B
Chair: Joshua R. Grace (University of South Carolina)

Presenters
Alex Rewegan (Massachusetts Institute of Technology): The War on Drugs and the Drug Test: A History of Cannabis Testing Technologies in the United States
Che Yeun (Harvard University) - ROBINSON PRIZE CANDIDATE: Foam, Cleanliness, and Modern American Bodies, 1920-1970
Magdalena Zdrodowska (Jagiellonian University): Transition to Sound and the Rise of the Deaf Film Audiences
Chen-Pang Yeang (University of Toronto): Measuring Noise: From Ear-Balance to Self-Registration

Friday, 27 October 2023
4:15 PM – 5:45 PM

FH10: Engineering Environment, Resilience and Longevity (Prometheans Sponsored Roundtable)
Room: Champions A - Hybrid Session
Organizer and Chair: Ellan Spero (MIT)
Commentator: Ryan Hearty (Johns Hopkins University)

Panelists
Sulfikar Amir (Nanyang Technological University)
Elena Kochetkova (University of Bergen, Norway)
Meredith Sattler (Cal Poly San Luis Obispo/Virginia Tech)
Ying Jia Tan (Wesleyan University)

FH11: Models of modern technological change: a global perspective – II
Room: Hotel 1880 - Hybrid Session
Organizer: Francisca Valenzuela Villaseca (King's College London)
Chair and Commentator: Shankar Nair (King's College London)

Presenters
Samaa Elimam (University of California, Los Angeles): Sources of the Nile: A Historiography of Imperial Techniques in the Ottoman-Egyptian Sudan, 1821-81
Meriç Tanik (École de Haute Études en Sciences Sociales): Defining and substantiating “circulation” and “resistance”: agricultural machinery between the Ottoman Empire, Europe, and the United States
Marjan Wardaki (Yale Macmillan Center, Yale University): Decolonial Technologies: German Technik and Muslim Anti-Colonial Spaces in Interwar Berlin

F21: Creating and Contesting Expertise
Room: Victory A
Chair: Patrick McCray (UCSB)

Presenters
Jip van Besouw (University of Seville): The integration of engineering and scholarly practices: Cruquius’ isobaths
Okala Tsala Silvere Ulrie (University Vincennes -Saint-Denis, IDHES): Anatomy of a technology: the multiplication of cocoa cuttings in French Cameroon (1949-1960)
Juyoung Lee (Johns Hopkins University): ‘Paternalism and Charity’: Old Boy Network of American Consultants in East Asia during the 1950s

F22: Technology and Performance
Room: 203
Organizer and Chair: Scott Kushner (University of Rhode Island)

Presenters
Yulia Frumer (Johns Hopkins University): The Politics of Mise-en-scène Robotics
Zina Wang (University of California, Berkeley) - ROBINSON PRIZE CANDIDATE: Buddha-Chanting Automata
Scott Kushner (University of Rhode Island): Ticketing and the Technologies of Exclusion
Susan Schmidt Horning (St. John's University): Gendered Tools in the Arsenal of Garage Rock, 1950s to Early 1970s

F23: Ethereal Inequality: Empire, Decolonization, and Capitalist Extraction on the Electromagnetic Spectrum
Room: 205
Organizer: Sarah Nelson (Leiden University)
Chair: Lisa Parks (UCSB)

Sarah Nelson (Leiden University): Ethereal Gold(Rush): Empire, Decolonization, and Global Governance of the Electromagnetic Spectrum
Boyd Ruamcharoen (MIT): Making Waves in the Tropics: North-South Contestations over the Radio Tropical Zone at the International Telecommunication Union

F24: Techno-bodies from near and far: particularity, situatedness and infrastructures – III
Room: 207
Chair: Isabela Dornelas (Dep. III, Max Planck Institute for the History of Science)

Presenters
Narcedalia Ramirez (Illinois State University): Electricity and Regulation on Mexican Women’s Bodies during the Porfiriato Dictatorship
Juhee Kang (Harvard University): From Numbers to Personhood: How an industrial psychology test defined work, boredom, and personality in 20th century Japan (pre-recording)
Zothan Mawii (University of Maryland): “A Small Family makes a Healthy Nation”: India’s Population Control Program

Yeonbo Jeong (Sungkonghoe University): Bodies for National Economic Growth: Reproductive Technology and Birth Control Policies in South Korea

F25: Surveillance, Rights, and Technological Governance – II
Room: 210
Chair: Nikhil Dharmaraj (Harvard College)

Presenters
Zehra Hashmi (University of Pennsylvania): Identity and Identification: Technologies of Governance in Postcolonial Pakistan
Michelle Spektor (MIT): Biometric Statecraft, Policing, and Fingerprint Technology in Palestine/Israel, 1920-1948
Nnamdi Nnake (McMaster University) - ROBINSON PRIZE CANDIDATE: Surveillance Technologies in Colonial Nigeria: The Challenges of Communication from the “Spot” (pre-recorded)

F26: Nuclear Things
Room: 212
Chair: Per Högselius (KTH Royal Institute of Technology)

Presenters
Alicia Gutting (KTH Royal Institute of Technology): Cooling water war? How Switzerland and Germany peacefully negotiated the Rhine’s scarce cooling resources.
Jay Shaw (University of Missouri-Columbia): Nuclear Flight and Cold War Engineering (pre-recorded)
Irina Fedorova (Friedrich-Alexander-Universität Erlangen-Nürnberg): Remediation of radioactive lands: IAEA technical assistance programs in Central Asia

Friday, 27 October 2023
6:00 PM – 7:30 PM

Community Meeting: Creating SHOT’s Future
Hybrid Session (Hotel 1880)
Please join us to hear about SHOT’s recent activities and future plans. Bring your questions and great ideas!

Friday, 27 October 2023
8:30 PM - ....

Student Mixer
Details will be announce on site.
Saturday, 28 October 2023
7:00 AM – 8:30 AM

Publishing Journal Articles (Presidential Session)
*Online session, online participation only (link will be posted in the online program)*
Organizers: **Tiago Saraiva** (Drexel University) and **Ruth Oldenziel** (Eindhoven University of Technology)
*More information will be added as soon as possible.*

**SH1: Flexible Mobility Landscapes in Africa: Situating Technology Adoption, Gender and Everyday Use of Bicycles and Motorcycles**
*Room: Champions A - Hybrid Session*
Organizer: **Jethron Akallah** (Maseno University)
Chair: **Njogu Morgan** (University of Witwatersrand, Johannesburg)

*Presenters*
**Uche Okonkwo** (University of Nigeria): Raleigh in the historical marketing of a bicycle brand in colonial Nigeria
**Livinus Okeke** (Imo State University, Owerri): Tricycle ban in Owerri, Southeast Nigeria: A study of an alternative transport system
**Jethron Akallah** (Maseno University): Flexible technologies for mobility, defiance, and control: Circumventing lockdowns and roadblocks in the face of Covid 19 pandemic in Kenya

Saturday, 28 October 2023
8:45 AM – 10:15 AM

**SH2: Technological Expertise, Urban Infrastructures, and Histories of Contestation**
*Room: Champions A - Hybrid Session*
Organizer and Chair: **Aro Velmet** (University of Southern California and University of Tartu)

*Presenters*
**Jan Hansen** (Humboldt University of Berlin): Understanding the Meter: Electricity and (In)Formal Expertise in Turn-of-the-Century Los Angeles
**T. Halimat Somotan** (Auburn University) - **ROBINSON PRIZE CANDIDATE**: Ratepayer Associations and the Making of Urban Infrastructure in Colonial Lagos, Nigeria
**Aro Velmet** (University of Southern California and University of Tartu): The Factory-City: Cybernetics between Chemical Plants and Transportation Planning in Late Socialist Tallinn
**Ademide Adelusi** (University of California Riverside): Mapping Freedom, Gender, and Race in the Streets of Nineteenth-Century Lagos.

S1: Early Career Workshop – Session – II
*Room: Victory A*
Organizer: **Early Career Interest Group (ECIG)**
Chair: Jason Ludwig (Cornell University)
Presenters:
Zacharie Boublí (French National Arts and Crafts Conservatory [CNAM]): "Science-fiction and reality: assessing the power of technical imaginaries."
Richard Bachmann (University of Michigan): "Playing Automaton: An Interactive Mini-Exhibit/Installation on Workplace Automation"
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”

S2: Histories of Emerging Technologies and International Security
Room: 203
Organizer: Austin Cooper (Massachusetts Institute of Technology)
Chair and Commentator: John Krige (Georgia Institute of Technology)

Presenters
Austin Cooper (Massachusetts Institute of Technology): “Across-the-board collaboration in underground testing”: French Requests to Washington, Nuclear Autonomy, and Nonproliferation
Aaron Bateman (George Washington University): Sovereign Communications East of Suez: Britain’s Skynet Satellite Network and Anglo-American Relations in the Shadow of Empire
Alison McManus (Johns Hopkins University) Sophistry and Hope: Mobilizing Narratives of Chemical Weapons Restraint at the Dawn of the Atomic Age

S3: From the Post Office to Posting Online: Building Marginalized Community across Shifting Technological Platforms
Room: 205
Organizer and Chair: Bo Ruberg (University of California, Irvine)

Presenters
Avery Dame-Griff (Gonzaga University): “Who Moderates a Moderator?:” FidoNet, Content Moderation, and Shared Governance
Zizi Li (University of California, Los Angeles): Amazon Delivery Workers as Social Media Content Creators
Mel Monier (University of Michigan) - ROBINSON PRIZE CANDIDATE: Exploring Trans BIPOC Users’ Experiences with TikTok
Bo Ruberg (University of California, Irvine): Sex by Mail: Mid-Twentieth-Century U.S. Correspondence Clubs as Technologies for Forming LGBTQ Community

S4: The Nuclear-Water Nexus
Room: 207
Organizer and Chair: Per Högselius (KTH Royal Institute of Technology)

Presenters
Per Högselius (KTH Royal Institute of Technology): Introducing the Nuclear-Water Nexus
Siegfried Evens (KTH Royal Institute of Technology): The Sisyphean Risk: Governing Corrosion in Nuclear Power Plants
Heather Williams (Pomona College): SONGS of the Southland: A History of Nuclear Energy and Water in Southern California
Victor McFarland (University of Missouri): The Waters of Project Plowshare: Hydraulic Engineering and Fracking with Nuclear Explosives

S5: Infrastructure, Nationalism, Development (AP-10)
Room: 210
Chair: Ruth Schwartz Cowan (University of Pennsylvania)

Presenters
Howard Spencer (Signature Safety): Historic & Cultural Importance of the Hawks Nest, WVA Tunnel Project (pre-recorded)
Zhongtian Han (Buffalo University) - ROBINSON PRIZE CANDIDATE: Radio Technology and the Chinese Communist Party's Information Infrastructure: Strategy, Technology, and Culture, 1927–1936
Sudipto Basu (Concordia University (Montreal)): Leapfrogging Modernity: Satellite Instructional Television Experiment (SITE) and Cold War Developmentalism in India

S6: Teaching history of technology: experiments, innovative methods, and approaches
Room: Champions B
Organizers: Valérie Schafer (C2DH, University of Luxembourg) and Andreas Fickers (C2DH, University of Luxembourg)

Panelists
Valérie Schafer (C2DH, University of Luxembourg)
Andreas Fickers (C2DH, University of Luxembourg)
James Schwoch (Northwestern University)
Blair Stein (Clarkson University) (will participate through facetime)
Thomas Haigh (University of Wisconsin-Milwaukee) (Facetime only)
Chloe Bell-Wilson (UCLA)
Fabian Prieto-Ñañez (Virginia Tech)
Meredith Sattler (Cal Poly San Luis Obispo)

Saturday, 28 October 2023
10:45 AM – 12:15 PM

SH3: Changing Strategic Practices in Universities - I
Room: Champions A - Hybrid Session
Organizers and Chairs: Sharon Traweek (University of California, Los Angeles) and Knut Sørensen (Norwegian University of Science and Technology (NTNU))

Presenters
Jade Vu Henry (University College London Institute of Education): Academic integrity, speculative thinking and alternative histories of education technology in universities
Peter Krapp (University of California, Irvine): Virtual U
Knut Sørensen (Norwegian University of Science and Technology): Educating engineers. From a polytechnical to an interdisciplinary emphasis
Sharon Traweek (University of California, Los Angeles): Dropping Tools of the Trade: Canons, Curricula, Certification, and Accreditation
SH4: Thinking with Things – I
Room: Hotel 1880 - Hybrid Session
Chair: Alex Magoun (IEEE)

Presenters
David Morton (independent Scholar): Noah’s Ark: A Case Study and Introduction to Imaginary Technology
Jorge Rojas-Alvarez (University of Illinois, Urbana-Champaign) - ROBINSON PRIZE CANDIDATE: Cultural imaginaries in ACPO’s information service design (optional pre-recorded presentation)

Bureaucratic processes and technology use in Africa
Online only via Zoom – link will be posted in the online program
Organizer and Chair: Robert Heinze (Deutsches Historisches Institut, Paris)
Commentator: Jennifer Hart (Wayne State University)

Presenters
Diana Ayeh (Helmholtz Centre for Environmental Research) - ROBINSON PRIZE CANDIDATE, and Zongo Tongnoma: (co-authored)(Institut des sciences des sociétés du CNRST): Rendering the afterlives of mining governable: the bureaucratization of sustainable mine closure in West Africa
Koly Fall (Université Cheikh Anta Diop de Dakar): Bureaucratizing the “social link” through digital technologies? Logics of child sponsorship in Senegal
Kelma Manatouma (Université des Antilles): The digitization of identities and the political governance of individuals in Chad

S7: Imagined or Real?: Epistemologies of Desert Environments Through Technological Encounters
Room: 203
Organizers: Tiffany Nichols (Princeton University) and Asif Siddiqi (Fordham University)
Chair: Edward Jones-Imhotep (University of Toronto)
Commentator: Matthew Hersch (Harvard University)

Presenters
Philipp Lehmann (University of California, Riverside): Atlantis in the Desert: The Early 20th-Century Search for Environmental Utopias
Asif Siddiqi (Fordham University): Space, Atoms, and Oil: French Technoscience in Algerian Sahara
Tiffany Nichols (Princeton University): Imagining Desert Landscapes as Astrophysics Laboratories
Gökçe Gunel (Rice University): The Desert’s Future

Room: 205
Organizer and Chair: Lee Vinsel (Virginia Tech)

Presenters
Ulysses Pascal (UCLA): Market Technology Policy: The role of SESDAQ in Singapore's Plans for Development
Julia Marino (Princeton University) - ROBINSON PRIZE CANDIDATE: Technology Policy & American Competitiveness, 1980-1993

Mols Sauter (University of Maryland): Chasing Something Beautiful: Conceptions of Innovation in Canadian Provincial and Federal Politics, 1980-present

Lee Vinsel (Virginia Tech): Examining the Clinton Administration’s Technology and Human Capital Policies, including “the Digital Divide,” in the Context of 1990s Social Policies, including Welfare and “Violent Crime Control” Reforms

**S9: Automating Vision - Histories of Computer Vision**

*Room: 207*

**Organizer:** Heewon Kim (KAIST)

**Chair:** Yulia Frumer (Johns Hopkins University)

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

Julia Irwin (University of California, Berkeley): Artificial Worlds, Perceptronic Objects, and the United States CIA’s Midcentury Neural Network Experiments

Sokion Choi (Seoul National University): The Micro-Worlds Approach and the Early Development of Computer Vision

Heewon Kim (KAIST) - ROBINSON PRIZE CANDIDATE: Face-reading Machines: The Making of the Human Face as a Significant Object of Computer Vision

**S10: Global Histories of Electronics in the Americas: Informal, Indigenous, and Immigrant Labor in the Late Twentieth Century**

*Room: 210*

**Organizer:** Sam Schirvar (University of Pennsylvania)

**Chair and Commentator:** Honghong Tinn (University of Minnesota)

**Presenters**

Kinjal Dave (University of Pennsylvania): We Have Never Been Global: Gujarati Women in U.S. Printed Circuit Board Manufacturing


Sam Schirvar (University of Pennsylvania): “Home and Hands”: Assembling Electronics in the Cherokee Nation, 1960s-1990s

**S11: Expanding Analytical Tools for Interrogating Boundary Technologies**

*Room: 212*

**Organizer and Commentator:** Meredith Sattler (Virginia Tech)

**Chair:** Cheri Johnson (Virginia Tech)

**Presenters**

Mirjam Mayer (ETH Zurich): Computer Networks as Boundary Technology: Connecting and Delimiting in the Swiss Federal Administration in the 1980s

Ramesh Subramanian (Quinnipiac University and Yale Law School): Boundaries, Politics, and India

Ezra Dan Feldman (Williams College): The “Genie Effect”: Aesthetic Categories in the History of Automation

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S12: Infrastructure and Empire
Room: Victory A
Chair: Prakash Kumar (Pennsylvania State University)

Presenters
Ruochen Chen (Washington University in St. Louis): Shades of Semi-Colonialism: Lighthouses and the Imperial Maritime Customs in Late Nineteenth Century Shanghai
Damilola Adebayo (York University): Native Authorities and Infrastructural Investments in Colonial Africa: The Electrification of Nigerian Towns, 1910-1950
Kapil Subramanian (University of Birmingham): Rural electrification, groundwater irrigation, and the colonial origins of India’s Green Revolution.

S13: Thinking with Things – II
Room: Champions B
Chair: Allison Marsh

Presenters
Roberta Spada (Politecnico di Milano): ROBINSON PRIZE CANDIDATE The Magnetic Detector in a Cigar Box: Guglielmo Marconi’s DIY Myth?
Ekaterina Rybkina (Friedrich-Alexander-Universität Erlangen-Nürnberg): The Devil in the Belfry: Radioscape of Early Soviet Russia

Saturday, 28 October 2023
12:15 PM – 2:15 PM Lunch break

Special Interest Group Lunch Meetings (Locations TBA) (pre-registration requested):
EDITH Lunch Meeting
Asia Network Lunch Meeting
Mercurians & Jovians Lunch Meeting

Saturday, 28 October 2023
2:15 PM – 3:45 PM

SH5: Universities as locally situated knowledge-making infrastructures embedded in perpetually changing global political economies: Changing practices in specific fields - II
Room: Champions A - Hybrid Session
Organizers and Chairs: Knut Sørensen (Norwegian University of Science and Technology) and Sharon Traweek (University of California, Los Angeles)

Presenters
Aileen Fyfe (University of St Andrews): Postdoc fellowships and job-hunting around 1930: the transatlantic experiences of women History PhDs
Fred Ariel Hernandez (University of California, Irvine): ‘We know the answer’: Contradictions in Sport Science and Practice
David PD Munns (John Jay College, CUNY): The Phoenix and the Ford: Teaching Reactors, Public Universities, and the Peaceful Atom
Prerna Srigyan (University of California, Irvin): A Comparative Analysis of the Traditions & Myths of Three American Education Conferences

SH6: Latin American Technology Across the Pacific (Presidential Session)
Room: Hotel 1880 - Hybrid Session
Organizer: Diana Montaño (Washington University in St. Louis)

Panelists:
José Ragas
Javiera Barandiarán
Cristián Castro

S14: Technologies, Industries, and Economic Change – II
Room: 203
Chair: Lee Vinsel

Presenters
Yusuf Madugu (Bayero University, Kano): Transportation and Economic Transformation of Kano Metropolis 1967-2012
Salem Elzway (University of Southern California): AI Gore-rithms: Robotics and the Political Economy of Japenic Inc.

S15: Histories of otherness and exclusion in games and play: Discussing Player vs. Monster and Privilege of Play (Author meets Critic Session)
Room: 205
Organizer: Jaroslav Švelch (Charles University)
Commentator: Bo Ruberg (University of California Irvine)

Jaroslav Švelch (Charles University): Author of Player vs. Monster: The Making and Breaking of Video Game Monstrosity (MIT Press 2023)
Aaron Trammell (University of California Irvine): Author of The Privilege of Play: A History of Hobby Games, Race, and Geek Culture (New York University Press 2023)

S16: Infrastructures of Hydrology, Health, and Hygiene in Modern Egypt
Room: 207
Organizer and Chair: Anthony Greco (University of California Santa Barbara)

Presenters
Mohamed Gamal-Eldin (Rutgers University-Newark): Disease and Water Filtration Infrastructure Along the Suez Canal, 1863-1939
Stephanie Boyle (CUNY New York City College of Technology): The eyes have it: Nile-born Illness in Provincial Egypt during the Age of British Imperialism
Alex Schultz (University of Denver): Revealing Popular Infrastructure: Taps, Gossip, and ‘Ilan (1890-1940) (pre-recorded)
**S17: Should SHOT advance amicus briefs and public comment? (Public discussion)**

Room: 210

Organizer and Chair: **Glenn Bugos** (Moment LLC) and **Matthew Hersch** (Harvard University)

Participants discussion chaired by Glenn Bugos, Historian (Moment LLC), and Matthew Hersch, Associate Professor, (Harvard University)

Any statements here, or made at the session, do not necessarily reflect the opinions of SHOT.

This session will white-board how SHOT might decide to respond if a brief or comment is needed to clarify historical issues in American technology and business in a U.S. court of law. Before we identify a relevant case, SHOT might prepare for this possibility, organizationally, to assure the process is well-considered, democratic, and transparent.

The American Historical Association has over the past decade submitted amicus briefs, often in collaboration with its affiliated societies, or publicized amicus briefs submitted by individual members. These were in cases where historical fact needed clarification, or where historical practice was attacked. These cases all dealt with social, cultural, or political history, not yet with the history of American technology.

In no way does this session commit SHOT to anything. This is part discussion, part workshop meant to scope out the potential for action. The word “advance” in the title is intentionally vague, a placeholder as we decide on a more active verb like draft, endorse, or submit. The opportunities for amicus briefs come rarely. More frequently needed is public comment on proposed regulation, and this same process might also work for that. This is a US-specific session, but all members can participate.

**S18: Approaches to Envirotech**

Room: 212

Chair: **Richard Hirsh** (Virginia Tech)

Presenters

Emanuela Scarpellini (University of Milan): Historical waves of sustainable innovation and deglobalization: Hints from the Italian fashion industry

Sunny Chen (University of California Los Angeles) - ROBINSON PRIZE CANDIDATE: Geochemical Science, Labor Policy, and Miners’ Health in the Moroccan Phosphate Industry under the French Protectorate (1912-1956)

Yue Liang (State University of New York - Binghamton) - ROBINSON PRIZE CANDIDATE: Engineering the Environment: the 1954 Yangzi River Flood and the Rise of Vernacular Technologies in Communist China

Ulrike Felt (University of Vienna): Of waste and values – Reading the development of innovation societies through practices of wasting

**S19: Media, Power, Inclusion, Exclusion (Victory A)**

Chair: **TBA**

Presenters
Roland Ndille (University of Buea-Cameroon): Mexico 1986, The Television and Power in Rural Cameroon

Xu Xu (Inner Mongolia University) and Chen Fan (Northeast University, Shenyang, China): Bondage or liberation? -An isomorphic examination of the Metaverse and Gnosticism

Elizabeth Patton (University of Maryland, Baltimore County): The Paradox of Inclusion and Exclusion at the 1964 World’s Fair: Photography, Leisure, and Racial Inequality

Saturday, 28 October 2023
4:15 PM – 5:45 PM

SH7: Is Prometheus OK? Postmodern Infrastructure after 1970
*Room: Champions A - Hybrid Session*
Organizer: Zachary Schrag (George Mason University)
Chair: Thomas Zeller (University of Maryland, Department of History)
Commentator: Teal Arcadi (Rutgers-Newark/NJIT)

*Presenters*
Varsha Venkatsubramanian (University of California, Berkeley): The State, the Environment and the Dammed
Patrick Chung (University of Maryland): Koreans in Unexpected Places: Hyundai, the US military, and the History of US Overseas Infrastructural Development
Zachary Schrag (George Mason University): Not your Father’s Metrorail: The Dulles Corridor Metrorail Project and the Burden of History

SH8: Universities as locally situated knowledge-making infrastructures embedded in perpetually changing global political economies: Changing practices at departments, institutes, labs, and universities - III
*Room: Hotel 1880 - Hybrid Session*
Organizers and Chairs: Sharon Traweek (University of California, Los Angeles) and Knut Sørensen (Norwegian University of Science and Technology (NTNU))

*Presenters*
Stathis Arapostathis (National & Kapodistrian University of Athens): Frugality with Value: Biomarkers, Food Assetization and the making of Entrepreneurial Science
Peeter Müürsepp (Tallinn University of Technology): Tallinn University of Technology – a Case of Academic Stability in Turbulent Times
Ricky Wichum (ETH Zurich): From Service Provider to European Infrastructure. A history of a university’s High-Performance Computing Center (1996-2007)

S20: Media Technologies: Archives and Afterlives
*Room: 203*
Chair: Allison Marsh

*Presenters*
Stefka Hristova (Michigan Technological University): Media Negatives (probable pre-recorded)
Matthew Wisnioski (Virginia Tech): “I break for large intestines”: The Magic School Bus and the comparative media of edutainment

B. Dalia Hatalova (University of Toronto) - ROBINSON PRIZE CANDIDATE: Screenlife Films as Technological Archives

Hugo Ljungbäck (University of Chicago): Between Still and Moving Image: The Canon RC-250 and the Afterlife of Video Floppy

S21: Energy: Histories of Possibility and Crisis
Room: 205
Chair: Heather Williams (Pomona College)

Presenters
Luca Thanei (ETH Zurich) - ROBINSON PRIZE CANDIDATE: The SPS and the Reconceptualization of Near-Earth Space. (pre-recorded presentation)
Warren Dennis (Boston University) - ROBINSON PRIZE CANDIDATE: Entangled Crises: Energy and Masculinity in the 1970s

S22: Technological Expertise, Urban Infrastructures, and Histories of Contestation – II
Room 207
Chair: Jethron Akallah (Maseno University)

Presenters
Benjamin Bothereau (Centre Alexandre Koyre (EHESS Paris/CNRS)): The urban sky & street lighting. Astronomers, aeronauts, policemen: knowledge and viewpoints (Paris, late 18th – 19th c.)
Ksenia Tatarchenko (SMU): Inventing CY_BERIA, Living in CAR_BERIA: Could a Soviet science-city become smart?

S23: Business, Data, and Economy
Room: 210
Chair: Aaron Mendon-Plasek (Yale University)

Presenters
Andrew McGee (Smithsonian Institution): “Three ‘Big Data’ Moments: Technological Industries in the 1960s, 1980s, and 2010s Confront the Scale of an Electronic Information Economy”

S24: Aeronautical Cultures
Room: 212
Chair: Matthew Hersch (Harvard University)

Presenters
Barbara Ganson (Florida Atlantic University): “TransPacific (1st. floor) flying during the interwar period: A reexamination of Earhart’s world flight using a comparative perspective.”

Shinhye Chang (Seoul National University): Ballooning as a Sport: Gordon Bennett Cup and the early aeronautical culture of America

S25: Food and Technology
*Room: Victory A*
Chair: Helen Curry (Georgia Tech)

**Presenters**


Marco Storni (Université Libre de Bruxelles): Denis Papin’s Digester and the Introduction of Technology in the Culinary Arts

Gianenrico Bernasconi (University of Neuchâtel): The Mechanization of Cooking Practice (Late 18th—Early 19th Century)

S26: Medical Technologies II – Risk and Reappraisal
*Room: Champions B*
Chair: TBA

**Presenters**

Rose Rowson (Brown University): Imaging the Digital Native: Ultrasound Technology in the History of Personal Computation

Catherine Spet (University of Applied Arts Vienna): Technology as Pharmakon. Using the example of language-based Healthcare Apps like Replika AI

Fedir Razumenko (University of Calgary) - **ROBINSON PRIZE CANDIDATE**: Erring on the Side of Safety: The Development of Technologies for Purifying Blood Products from Pathogens and the Quality of Life of Patients who Received Them, 1947-1997

S27: Knowledge, Infrastructure, and Public Health
*Room: Victory B*
Chair: TBA

**Presenters**

Sydney Goggins (University of Wisconsin - Madison) - **ROBINSON PRIZE CANDIDATE**: Tuberculosis Sanatoria, Health Infrastructure and Health Policy Debates, 1949-1972 (pre-recorded)

Chris Zajner (University of Western Ontario) - **ROBINSON PRIZE CANDIDATE**: The Impact of Public Health and Medical Theory on the Societal Response to the 1889 Russian Flu

Benedicto Acosta (University of Salamanca): When vaccine technology is trade conflict: Spain SARS-CoV-2 vaccines prototypes.

Slawomir Lotysz (Polish Academy of Sciences): Health message: Postage stamp as a tool of health communication.

**Saturday, 28 October 2023**

6:00 PM – 8:00 PM
SHOT Awards and Fellowships Event & Reception 2023 (McKay’s Main Dining Room)  
*Room: Reception McKay’s Main Dining Room – Awards Event Hotel Grand Ballroom + Live Stream*  
*(Pre-registration required to avoid food waste.)*  

SHOT’s Awards and Fellowships Event is supported by Hagley Museum and Library

Sunday, 29 October 2023  
SHOT Special Interest Groups Sunday Meetings  
*(Pre-registration required to avoid food waste.)*  

9:00-11:00 AM: The Albatrosses Sunday Morning Meeting  
*Room: Champions A*  
*Updates from the attendees about any news and the state of their research.*

9:00 AM – 12:30 PM: Prometheans Sunday Morning Meeting  
*Room: Champions B*

9:00 AM – 13:00 PM: EDITH and WITH Sunday Morning Workshop  
*Room: Victory A*

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