



# SHOT 2025 Annual Meeting Luxembourg - Program

*Updated version 9 July 2025*

*Please note:*

- The time slot for a session is 75 minutes.
- SIG Events and Tours are not included yet.
- The program will be updated in the coming week, so the schedule might change.

The SHOT 2025 Annual Meeting is hosted by:



## Thursday 9 October 2025

### Thursday 9 October 9:00 AM – 2:00 PM

**SHOT Executive Council Meeting** (*Open to all Members*)

### Thursday 9 October 2:30 PM – 4:00 PM

**Technology & Culture Editorial Committee Meeting** (*Closed Meeting*)

### Thursday 9 October 4:00 PM – 5:30 PM

**SHOT Business Meeting** (*Open to all Members*)

### Thursday 9 October 6:00 PM – 9:00 PM

6.00 PM – 7.30 PM: **Plenary opening**

7.30 PM – 9.00 PM: **Opening reception** (*Pre-registration required to prevent food waste*)

*Supported by the B and B Stern Foundation Inc, in honor of the Melvin Kranzberg Legacy*

# Friday 10 October 2025

## Friday 10 October 8:30 AM - 9:45 AM

### F1: Interventions for a better tomorrow

Chair: TBA

#### Presenters

**Sanghee Bae** (Seoul National University): *From Fuel to Foundation: Technologies of Briquette Waste and Urban Transformation in 20th Century South Korea* (Robinson Prize Candidate)

**Kate Mancey** (Utrecht University): *Electricity and Magic(k)al homes in 20th Century America*

**Matthijs Degraeve** (FWO/Vrije Universiteit Brussel): *Pioneers of plumbing. Migration and skill formation of sanitary plumbers in late 19th-century Brussels*

**Narusa Yamato** (Stanford University): *The Making of Japan's Milkopolis: Milk, Vaccines, and Public Health in Late Nineteenth-Century Tokyo* (Robinson Prize Candidate)

### F2: Making Human Autonomy and Agency: (re)inventing Artificial Intelligence to create Ourselves

Organizer: **Aaron Mendon-Plasek** (Purdue University)

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

#### Presenters

**Aaron Mendon-Plasek** (Purdue University): *There was no such thing as AI Winters, and this is a paper about it*

**Elizabeth Petrick** (Rice University): *"Take my will with them." The Telescript Programming Language and Mobile Smart Agents in the 1990s*

**Luke Stark** (Western University): *"A Backwards Flow of Emotional Energy": Machine Learning's Roots in Body Affect*

### F3: What Governs Energy? Innovation, Politics & Fear

Chair: TBA

#### Presenters

**Ulrike Felt** (Department for Science and Technology Studies, University of Vienna): *Futures Once Promised: Innovation's Forgotten Commitments*

**Akira Sakai** (Tohoku University): *Nuclear Ship Mutsu - The 1974 Incident: Exploring Socio-Technical Issues Through Critical Analysis of Archival Documents*

**Sulfikar Amir** (Nanyang Technological University): *Migrating the Atom: Nuclear Politics and Regime Change in Indonesia*

**Aliaksandr Piahnanau** (KTH Royal Institute of Technology, Stockholm, Sweden): *The League of Nations and the technocratic energy governance in Europe between the two world wars (1918-1939)*

**Hajeong Kim** (Seoul National University): *Shaping Infrastructure: Natural Gas Introduction in the 1970s-1980s South Korea*

#### **F4: Reading for Resistance: Colonialism, Capital & Company Towns**

Chair: **TBA**

##### *Presenters*

**Sunny Chen** (University of California, Los Angeles): *Moving Workers, Moving Commodities: Making the Phosphateville in Protectorate Morocco (1912-1956)*

**David Pretel** (Universidad Autónoma de Madrid): *Tracks to Conflict: Railways and Capitalism in Mexico's Periphery*

**Brenda Omondi** (Jaramogi Oginga University of Science and Technology, Kenya): *Migrating Technologies and Agrarian Transformation: A Historical Study of Agricultural Change among the Abaluhya of Busia, Kenya (1894–1978)*

**Oluwaseun Williams** (The Geneva Graduate Institute): *Dis-/Locating Techno-Humaneness: Animal Slaughter and Colonial Modernity in Decolonising Northern Nigeria* (Robinson Prize Candidate)

#### **F5: Engineering & Tracing Flows**

Chair: **TBA**

##### *Presenters*

**Henrique Oliveira** (Institute of Contemporary History): *The remaking of seismic politics? On cost in the history of Earthquake Engineering* (Robinson Prize Candidate)

**Tijana Rucic** (Polish Academy of Sciences): *Dams, Diplomacy, and Development: Yugoslav Engineering in the Non-Aligned World*

**Xaq Frohlich** (Auburn University): *Thinking Inside the Box: Exploring the “life-cycle histories” of food packaging*

**Elisa Angeles Fernández** (Czech technical university in Prague): *The Barcelonnettes and the Transnational Flow of Hydroelectric Technology in Mexico (1880-1920)*

**Junglim Lee** (Seoul National University): *Carts, Cooperatives, and the State: Material Migration in Late Chosŏn Korea* (Robinson Prize Candidate)

#### **F6: Media and Technology I**

Chair: **TBA**

##### *Presenters*

**Joshua Brinkman** (North Carolina State University): *“Say Something on Your Horn:” Technological Miscegenation, the Sonic Color Line, and the Contested Racialization of Conn Saxophones from the Jazz Age to the Swing Era*

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

**Benjamin Breyer** (Barnard College): *Migrating Waves: Edwin Armstrong's FM Radio and the Technological Diaspora of Innovation*

**Faridah Laffan** (Cornell University): *Textual Migration: Literary Technologies of Victorian Biblical Archaeology* (Robinson Prize Candidate)

#### **F7: Elements of (Technological) History: Infrastructures, Practices, Mediations**

Organizer: **Rachel Plotnick** (Indiana University Bloomington)

Chair: **Ranjodh Singh Dhaliwal** (University of Basel)

##### *Presenters*

**Rachel Plotnick** (Indiana University Bloomington): *Acclimatizing Cameras, Conquering Nature: Technological Durability as Technique of Capture*

**Liam Cole Young** (Carleton University): *Salt, Ships, and Supply Chains*

**Ranjodh Singh Dhaliwal** (University of Basel): *The Infrastructural Unconscious: On Pipelines and Histories of Computing*

**Theodora Dryer** (New York University): *Water is not data and water rights are not an algorithm: On confronting the nexus of water innovation and water law*

## Friday 10 October 9:50 AM – 11:05 AM

### **F8: I: Intimate Energies: Negotiating Power in Domestic Spaces**

Organizer: **Tiia Sahrakorpi** (Weber State University)

Organizer and Chair: **Fabian Zimmer** (TU Berlin)

#### *Presenters*

**Abigail Harrison Moore** (University of Leeds): *'Sweet ordering, arrangement, and decision': The changing role of the house-wife in nineteenth century domestic energy decisions and the role of the middle-class guidebook.*

**Fabian Zimmer** (TU Berlin): *Comfort, wartime scarcity and the geography of warmth, Germany 1914–1918*

**Tiia Sahrakorpi** (Weber State University): *Oral histories of the 1973 oil crisis in Finnish memory*

### **F9: Migrating Machines and their Makers in the Early Modern World**

Organizer: **Pamela O. Long** (Independent Scholar)

Chair: **Pascal Briost** (University of Tours)

#### *Presenters*

**Pamela O. Long** (Independent Scholar): *Jacques Besson: Fleeing Huguenot and Designer of Machines*

**Cristiano Zanetti** (CalTech and the Huntington Library): *Welcomed or Barred: The Fate of Migrating Machines in the Early Modern Spanish Empire*

**Wenjie Su** (Princeton University): *Stones and Rocks on the Move: Migrating Theaters of Machines between Early Modern Europe and China* (Robinson Prize Candidate)

**Steven Walton** (Michigan Technological University): *Neither King Nor Country: Migrating Engineers in the Age of Revolutions*

### **F10: Errors and Machines. Histories of Technological Errors in Digital Societies**

Organizer and Chair: **Martina Hessler** (TU Darmstadt)

#### *Presenters*

**Johan Fredrikzon** (KTH Stockholm): *Designing Paranoid Machines. Kenneth Colby and the tensions between error and intelligence in 20th century AI*

**Martina Hessler** (TU Darmstadt): *"The biggest IT Scandal ever". Regimes of Errors in Digital Societies and How a Minor Error Became a Scandal*

**Zachary Loeb** (Purdue University): *"A very real threat indeed": Understanding the Y2K related errors that did occur*

### **F11: Western Technologies and Nationalist Aspirations in 20th-Century Socialist Europe**

Organizer: **Gennadii Kazakevych** (Taras Shevchenko National University of Kyiv)

Chair: **Olha Martynyuk** (University of Basel)

#### *Presenters*

**Gennadii Kazakevych** (Taras Shevchenko National University of Kyiv): *Contax for Kyiv: Shifting the Camera Manufacturing Industry from Germany to Soviet Ukraine, 1947–1957*

**Olha Martynyuk** (University of Basel): *Socialism on Test-Drive: Kharkiv-Moscow Road Rallies in 1930-1931 as a Case of Technological Lobbying*

**Michal Durco** (Slovak Academy of Sciences, Institute of History): *Same technology, different meaning. What did the motorway mean in Czechoslovakia between the 1930s and the 1980s?*

**Lyubomir Pozharliev** (Leibniz Institute for Regional Geography): *Opening the Future, Stuck into the Past. The Inauguration ceremonies of large-scale technological projects in former Yugoslavia and socialist Bulgaria*

### **F12: Epistemological Tensions in the History of Machine Learning**

Organizer and Chair: **Won Jeon** (University of California, Santa Cruz)

#### *Presenters*

**Won Jeon** (University of California, Santa Cruz): *What the Frog and the Octopus Know (but ChatGPT Doesn't)*

**William Lockett** (Stevens Institute of Technology): *What the Cyclopean Retina Taught Perceptron Vision*

**Daniele Shlomit Sofer** (University of Dayton): *For Speculation's Sake: Automating Helmholtz's Myographion*

### **F13: The Global Solar Village: Domesticating a Cosmopolitan Technology**

Organizer: **Cyrus Mody** (Maastricht University)

Chair and Commentator: **Nelson Arellano-Escudero** (PI Fondecyt grant "La construcción del Chile solar" (hosted at Universidad de Chile)):

#### *Presenters*

**Thomas Turnbull** (Max Planck Institute for the History of Science) and **Cyrus Mody** (Maastricht University): *Putting the Development in Research and Development: NASA and the Schuchulik Solar System*

**Simone Schleper** (Maastricht University): *Private Parties for a New World Order: Maurice and Hanne Strong, Governance, Business, and Environmental Imaginaries since 1970*

**Jelena Stankovic** (Maastricht University): *Eastern European Émigrés, Domesticity, and the Early Development of Solar Technology in the US (Robinson Prize Candidate)*

### **F14: Media and Technology II**

Chair: **TBA**

#### *Presenters*

**Sytze Van Herck** (Ghent Centre for Digital Humanities): *Migrating Memory: Media Archaeology and the Digital Afterlife of the BBC's Domesday Project*

**Miaofeng Yao** (University of Minnesota): *Tianxuan Typewriter: An Immigrant Chinese Typing Machine*

**Joris Mercelis** (Johns Hopkins University): *"Infrared for everyone": Infrared photography as a technology of migration*

**Michael Meindl** (Radford University): *Migrating Animation to the Digital: The Industry's Shift to Computer Animation*

**David Michelson** (The University of British Columbia): *The Making of Canada: Telecommunications Innovation in the Early Twentieth Century*

## Friday 10 October 11:05 AM – 11:35 AM

Coffee Break

## Friday 10 October 11:35 AM – 12:50 PM

### **F15: II: Intimate Energies: Negotiating Power in Domestic Spaces**

Organizer and Chair: **Tiia Sahrakorpi** (Weber State University)

Organizer: **Fabian Zimmer** (TU Berlin)

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

#### *Presenters*

**Graemme Gooday** (University of Leeds): *Domestic energy usage in international context: a global reading of the women's magazine The Electrical Age magazine (1924-1986)*

**Mario Bianchini** (Leibniz-Zentrum für Zeithistorische Forschung Potsdam): *"Our Housekeeping:" Public Imaginaries of Energy Gaps in the German Democratic Republic*

**Sophie Gerber** (Technisches Museum Wien): *Out of Sight, out of Mind? Material Culture, Domestic Energy Consumption & the Senses*

### **F16: Themes of Migration: Satellites and the "New Outer Space" of the 21st Century**

Organizer and Chair: **James Schwoch** (Professor, Department of Communication Studies and Program in Science in Human Culture, Northwestern University)

Commentator: **Alexander C.T. Geppert** (Associate Professor of History and European Studies, New York University & NYU Shanghai):

#### *Presenters*

**James Schwoch** (Professor, Department of Communication Studies and Program in Science in Human Culture, Northwestern University ): *From GEO to LEO to MEO: Migrations, Megaconstellations, and space situational awareness for Luxembourg, the EU, and NATO in the 21st century*

**Julia Velkova** (Associate Professor, TEMA-Technology and Social Change, Linköping University, Sweden): *Satellite Histories and Materialities in Bulgaria from Intersputnik to Nanosats*

**Lisa Parks** (Department of Film and Media Studies University of California at Santa Barbara): *Skyward Bound: A History of Satellite Launch Infrastructure and Privatization at the Vandenberg Air/Space Force Base in California*

### **F17: Powering Self-Reliance: Politics of Energy and Infrastructure in Cold War Asia**

Organizer: **Zhongxian Xiao** (Georgia Institute of Technology)

Chair: **Anto Mohsin** (Northwestern University in Qatar):

*Presenters*

**Zhongxian Xiao** (Georgia Institute of Technology): *Coming to Terms with Oil Shortage: Politics of Energy Transitions in Modern China, 1930s-50s*

**Sung Soo Lee** (University of Toronto): *Electrifying the Nation: Politics of Hydropower in North Korea, 1945-1960s*

**Ritam Sengupta** (O.P. Jindal Global University, Sonipat): *Rural Electrification and Agricultural Modernization in Late-colonial and Postcolonial North India, 1930s-1960s*

**Xianglong Zhu** (University of Cambridge): *Building Technological 'Self-Reliance': Civil Aviation and the People's Republic of China in the Long 1970s*

**F18: I: The Politics of Engineering: Case Studies of Migration, Translation, and Authority (Prometheans Sponsored Panel)**

Organizer and Commentator: **Ellan Spero** (MIT)

Chair: **Ryan Hearty** (Johns Hopkins University):

*Presenters*

**Elena Kochetkova** (University of Bergen): *Food Engineering and the Quest for Sustainability in Eastern and Central Europe, 1950s-1980s*

**André Pereira** (Universidade NOVA de Lisboa): *Arch dams as technologies of migration: the circulation of engineers and displaced people in the construction of Portugal's electrical system of the New State (1933-1974)*

**Amy Bix** (Iowa State University) and **Taner Edis** (Truman State University): *Free Energy, Manufactured Hurricanes, and 9/11 Jet Fuel: Histories of 'Pseudo-Engineering*

**Alexandra Kazakova** (Chinese Academy of Sciences ): *Lost in Translation: Soviet Engineers in the Industrializing China* (Robinson Prize Candidate)

**F19: What is Special in Maintaining Communication Technologies? Caring and Repair Human Connections**

Organizer: **Riccardo Ferrigato** (Università della Svizzera Italiana)

Chair: **Gabriele Balbi** (Università della Svizzera Italiana):

*Presenters*

**Riccardo Ferrigato** (Università della Svizzera Italiana): *As the Constitution Asks: Maintenance and repair for the first Swiss telegraph network*

**Omri Peleman** (Tel Aviv University): *The Iron Comrade. Practices of Use and Reuse of Manual Printing Presses in Palestine: 1833-1948*

**Stefan Krebs** (University of Luxembourg): *The "Technical Time" of the Luxembourgish Telephone System: Reflections on the transformative power of maintenance*

**F20: Towards new geographies: Making the invisible, visible**

Chair: **TBA**

*Presenters*

**Emily Gann** (Ingenium - Canada's Museums of Science and Innovation): *Migrating Technologies, Shifting Depths: Deep Rover and the Geographies and Impact of Canadian Underwater Innovation*

**Elexis Williams** (Cornell University): *Mobile Hybridities – Menfish, Mermaids & Aquanauts: The Emergence of the Saturation Diver and Circulations of New Human Hybridities in Mid-Twentieth Century Scientific Diving, 1938-1968* (Robinson Prize Candidate)

**Sylvia Bates** (University of Iceland): *Patents and people: specialised knowledge – or not?*

**Yongjoo Han** (Seoul National University): *Enforcing Invisible Standard: OpenGL and the Transformation of Graphics APIs, 1989-2000* (Robinson Prize Candidate)

**F21: How Technology Travels: Limits and Possibilities of John Krige's Framework**

Organizers: **Prakash Kumar** (Pennsylvania State University) and **Timothy Stoneman** (Georgia Tech-Europe)

Chair: **Mario Daniels** (CISPA Helmholtz Center for Information Security)

Commentator: **John Krige** (Georgia Institute of Technology)

*Panellists*

**Prakash Kumar** (Pennsylvania State University)

**Simone Turchetti** (University of Manchester)

**Angelina Callahan** (Department of the Navy)

**Timothy Stoneman** (Georgia Tech-Europe)

**Roberto Lalli** (Politecnico di Torino)

## **Friday 10 October 12:55 PM – 2:10 PM – Lunchtime Session**

**SIG Lunch Meetings to be added**

**FL1: The Extraordinary Meaning of Ordinary Life: Joy Parr's Pioneering Vision in the History of Technology**

Organizer: **Francesca Bray** (University of Edinburgh)

Commentator: **Suzanne Moon** (University of Oklahoma)

Video Director and Presenter: **Jessica van Horssen** (McMasters University)

**FL2: Current Politics of Research**

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

*Panellists*

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

**Claire Votava** (UCLA)

**Kristen Iemma** (Max Planck Institute for the History of Science)

**Cassius Adair** (The New School)

**Alex Parry** (University of Rochester)

**Toni Bettaso** (Linda Hall Library)

**FL3: On "The Connectivity of Things: Network Cultures since 1832"**

Organizer: **Sebastian Giessmann** (University of Siegen, CRC Media of Cooperation)

*Panellists*

**Sebastian Giessmann** (University of Siegen, CRC Media of Cooperation)

**Monika Dommann** (University of Zurich, Department of History)

**Cyrus Mody** (University of Maastricht, Faculty of Arts and Social Sciences )

**Elizabeth Petrick** (Rice University, Department of History)

**Thomas Haigh** (University of Wisconsin-Milwaukee, History Department)



## Friday 10 October 2:15 PM – 3:30 PM

### **F22: The analog in migration: when the world embraced “Multimedia”**

Organizers: **Fred Pailler**, **Alina Volynskaya**, and **Valerie Schafer** (C2DH, University of Luxembourg)

Chair: **Susan Aasman** (University of Groningen)

#### *Presenters*

**Alina Volynskaya** (University of Luxembourg) and **Fred Pailler** (University of Luxembourg): *Materializing Multimedia: Pits, Tracks and Standards*

**Eamonn Bell** (Durham University): *Toward a more perfect rip: Lessons learned in the digital history of “secure” digital audio extraction (DAE) from CD media*

**Theodore Gordon** (City University of New York): *Pre-Histories of 1980s Multimedia: Electronic Mediations of the Self*

**Yeseul Byeon** (Stanford University): *Querying the Dispersed Family: Family Reunification as Multimedia Event in Postwar South Korea*

### **F23: Migrant seeds, breeds and nutritional knowledge in European food provisioning**

Organizer: **Frank Veraart** (Eindhoven University of Technology)

Chair: **Dulce van Vliet** (Eindhoven University of Technology)

#### *Presenters*

**Frank Veraart** (Eindhoven University of Technology): *“Full of Good from Sunny Lands”*

**Stathis Arapostathis** (University of Athens): *Migrant seeds and breeds as technologies of imaginary enactment in Greek Agriculture, 1920-2000*

**Ginevra Sanvitale** (Trinity College Dublin): *Paraffin-fed chickens with a view. “Food from oil” and its material infrastructure in 20th century Southern Italy*

### **F24: Militarised communications technologies: Empire and infrastructure from the late nineteenth to the twenty-first century**

Organizer and Chair: **Sebastian Rose** (Loughborough University)

#### *Presenters*

**Sebastian Rose** (Loughborough University): *Imperial airpower and militarised communication systems in the interwar British Mandates*

**Burçe Çelik** (Loughborough University): *A Deep History of Militarised Communications: A Perspective from the Ottoman Empire*

**Mandy Troeger** (University of Tübingen): *NATO: A brief communication history*  
**Lee Grieveson** (University College London): *“The Digital Imperium.”*

### **F25: II: Engineering Infrastructure: Technology Transfer, Labor, and the State (Prometheans-Sponsored Panel)**

Organizer: **Ellan Spero** (MIT):

Chair: **Ryan Hearty** (Johns Hopkins University)

Commentator: **Amanda Katz** (Utah State University)

#### *Presenters*

**Nathan Ciulla** (Binghamton University): *Spanning the Valley: Building George Whitehouse’s Viaducts, and the Politics of the Practical Bridge in Britain’s Empire, 1877-1913*

**Xiaoyan Zhang** (University of Science and Technology Beijing (USTB)): *The Transfer and Diffusion of Coal Mining Technology in China from the Late Nineteenth Century to the Early Twentieth Century: A Case Study of the Kaiping Coal Mine*

**Zackary Zong-Kun Chang** (National Yangming Chiaotung University): *Cold War Circulation of Infrastructure: RSEA's Dredging Engineering and Vietnam War Engagement of Taiwan*

**Jose Nochebuena** (University of Mexico (UNAM)): *From Cambridge to the City on a Lake: MIT Soil Mechanics and the Rise of Mexico City's Subterranean Infrastructure*

## **F26: Innovation Games: Histories of Technological Change in Sports**

Organizer and Chair: **Amy Bix** (Iowa State University)

### *Presenters*

**Scott Kushner** (University of Rhode Island): *Framing the Game: The Technological Enclosure of Sport Spectacle*

**Stephen Beitler** (Univ. of Calif.-San Francisco): *The Field Grows in the Lab: A Social History of 'Astroturf'*

**Ryan Murtha** (Minnesota State Univ.-Mankato): *Government Regulation as a Driver for Sporting Innovation: A Case Study in Ski Wax*

**Jonathan Silverman** (Univ. of Mass.-Lowell): *Between Two Computers: How the Horse Became a Number*

## **F27: Traveling Individuals and the Shaping of International**

Organizer: **Shinhye Jang** (Seoul National University)

Chair: **Andreas Greiner** (German Historical Institute Washington):

### *Presenters*

**Shinhye Jang** (Seoul National University): *Tourism and Expeditions in the Making of International Airlines in Cuba and Latin America*

**Hillary Loomis** (Southern Illinois University): *Traveling Tweeds: Unraveling the Global Path of Wool from Scotland to Japan and Back Again*

**Speranta Dumitru** (University Paris Cité & Ceped): *When Travelling Across Borders Meant Developing International Relations*

## **F28: Rethinking migration and technology in ancient Africa**

Organizers and Moderators: **Robert Nyamushosho** (Queens College, City University of New York) and **Rebecca Bayeck** (Utah State University)

### *Presenters*

**Chiwara Maenzanise** (Department of Geological Sciences, University of Cape Town): *Middle Stone Age social connectivity: Can stone tools indicate the transmission of cultural ideas?*

**Stanley Nyamagodo** (Archaeology and Monuments Department, Natural History Museum, National Museums and Monuments of Zimbabwe): *Rock art as a testament to human mobility and technological innovation in ancient Matobo*

**Emmanuel Kengo** (Department of History and African Civilizations, University of Buea, Cameroon): *Igbo Itinerant Smiths and Iron Technology in Anglophone Cameroon*

**Daniel Chukwuma Nzereogu** (Department of History and International Studies, Nnamdi Azikiwe University, Awka): *Indigenous Delicacies in Igbo land: Exploring the pre-colonial culinary technology of the Igbo People*

**Robert Nyamushosho** (Queens College, City University of New York): *Rethinking metals, and metal production in the Zimbabwe culture. Some lesson from ancient Mberengwa* (Robinson Prize Candidate)

## Friday 10 October 3:30 PM – 4:00 PM

Coffee Break

## Friday 10 October 4:00 PM – 5:15 PM

### **F29: East - West Migrations of Digital Technology in the 1980s and 1990s**

Organizer: **Alex Wade** (Birmingham City University)

Commentator: **Jaroslav Švelch** (Charles University)

#### *Presenters*

**Alex Wade** (Birmingham City University): *Red Threads: Robert Maxwell and the Early International Videogames Industry*

**Regina Seiwald** (University of Birmingham): *Silicon Behind the Wall: The Economics of Computing Cultures in East and West Germany Before Reunification*

**Maria Garda** (University of Turku): *California Dreams: Videogames Made for the North American Market in the Polish People's Republic (1983-1991)*

### **F30: The Devil in the Details: Measurement, Labor, Statistics, and AI**

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

Chair: **Damien Williams** (UNC-Charlotte, NC, USA)

#### *Presenters*

**Nicole Schroeder** (Kean University, Union NJ, USA): *Galton's "Anthropometric Laboratory" and Its Legacies*

**Joshua Earle** (University of Virginia, USA): *Eugenic Legacies in Contemporary Algorithmic Tools*

**Sara Simon** (Northwestern University, Evanston, IL, USA): *The Labor of Vital Statistics: On John Shaw Billings, the 1890 U.S. Census, and the Rise of the Punched Card*

**Mar Hicks** (University of Virginia, USA): *"The Polite Convention that Everyone Thinks": Simplifying The Work of Thought for Measurement and Automation*

### **F31: The historiography of technology in the Nordic countries**

Organizer: **Per Lundin** (Chalmers University of Technology)

Chair and Commentator: **Heike Weber** (TU Berlin)

#### *Presenters*

**Per Lundin** (Chalmers University of Technology): *Professional Identity-Building and the Shaping of Cognitive Identity in the Swedish History of Technology*

**Saara Matala** (Chalmers University of Technology): *The Case of Finland: International Ambitions and Interdisciplinary Pragmatism*

**Pål Nygaard** (BI Norwegian Business School): *From a Vital Part of the Professionalization of Norwegian History to a Field Left Out?*

**Louise Skyggebjerg** (CBS Copenhagen Business School): *From Amateurs to a Scattered Scholarly Field – History of Technology in Denmark*

### **F32: III: Circuits of Exchange: Global Migrations of Computing Knowledge and Expertise (Prometheans Sponsored Panel)**

Organizer and Chair: **Ellan Spero** (MIT)

Commentator: **Ryan Hearty** (Johns Hopkins University)

#### *Presenters*

**Simona Casonato** (Museo Nazionale Scienza e Tecnologia Leonardo da Vinci): *Migrating American culture of computing in Italy: IBM at the Museum*

**Jina Hyun** (University of Pennsylvania): *Reversing the Brain-Drain: The Overseas Scientist Repatriation Program and Creating the Internet in South Korea during the Cold War (1979-1982)* (Robinson Prize Candidate)

**Xi Wu** (University of Science and Technology Beijing (USTB) ): *Soviet Expertise and Technological Migration in Postwar China: The Construction and Operation of the Beijing Electron Tube Factory (1951–1966)*

**Dennis Magnusson** (Chalmers University of Technology): *Orienting IT: The Swedish IT Commission's Visit to Japan in 2000 and the Tradition of Swedish Telecom Travels to the East*

### **F33: Shaping the Minett: Migration, Industry, and Governance**

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

#### *Presenters*

**Julia Harnoncourt** (Independent Scholar): *The Global Minett: Extra-European Migration in the Interwar Period*

**Daniel Richter** (independent scholar): *Gatekeepers and Lifelines: The Role of Local Actors in Shaping Migration and Housing in the Town of Esch at the Turn of the 20th Century* (Robinson Prize Candidate)

**Irene Portas Vázquez** (independent scholar): *Forced Nomadism across Western Europe: The Case of Italian Communist Networks in the Minett and Beyond (1920s-1930s)* (Robinson Prize Candidate)

### **F34: Global Histories of Everyday Technologies in East Asia**

Organizer: **Kerry Shannon** (California State University, Dominguez Hills)

Chair: **Paulina Hartono** (University of Texas, Arlington)

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

#### *Presenters*

**Kerry Shannon** (California State University, Dominguez Hills): *The Government 'Reform Toilet' and the Refashioning of Bathroom Practices in Japan, 1920-1930*

**Paulina Hartono** (University of Texas, Arlington): *Radio Bans: Chinese Technology and Hobbyist Tinkering in a Time of Global Concern*

**Tae-Ho Kim** (Korean Research Institute of Science, Technology, and Civilization, Jeonbuk National University): *The Kingdom of Butane: Historical Roots of Portable Gas Stoves in Modern South Korean Cuisine*

### **F35: Technology Transfer in Twentieth-Century China**

Organizer: **Zhongtian Han** (Department of History, Trinity University)

Chair: **Elisabeth Kaske** (Institute of East Asian Studies, Leipzig University):

#### *Presenters*

**Zhongtian Han** (Department of History, Trinity University): *Information Collection and Technology Transfer: The Chinese Communist Party's Cryptography, 1927–1945*

**Amanda DeMarco** (UC San Diego): *China's "Informational Opening": Reform-Era PRC-FRG Coal Delegations as Market Research*

**Hongyun Lyu** (University of Toronto): *Mediating Currents: Energy Loss, Technology, and Rural Electrification in Socialist China* (Robinson Prize Candidate)

**Boyao Zhang** (Department of East Asian Studies, University of Toronto): *The Entropy of Bookkeeping: Accounting Vouchers and the Struggle of Information Control in 20th-Century China*

## **Friday 10 October 5:20 PM – 6:35 PM**

### **F36: Transport and Technology**

Chair: **TBA**

#### *Presenters*

**B. Dalia Hatalova** (University of Toronto): *Racial and Economic Exclusivity in Air Transportation Erotica: The Mile High Club in Cinema, Pornography, and Media*

**Yusuf Umar Madugu** (Bayero University, Kano): *The Nigerian Civil War 1967-1970 and the Migration of Technologies: X-raying Challenges and Opportunities Created in the Transport Industry due to Mass Exodus of Igbo and Yoruba from Kano*

**Zohar Sapir Dvir** (Tel Aviv University): *A Two-Way Road: Competing Epistemologies of Colonial Automobility in the French Imperial Mediterranean*

**Alon Jasper** (NYU Law School): *Tracks of Contention: Railroads, Law, and the Struggle for Native Sovereignty in Indian Territory (1855-1886)* (Robinson Prize Candidate)

**Henk-Jan Dekker** (Bielefeld University): *Calculating Car Culture: How Economic Theories Paved the Way for Automobility*

### **F37: Military Tech/Space**

Chair: **TBA**

#### *Presenters*

**Lipokmar Dzuwichu** (Special Centre for the Study of North East India, Jawaharlal Nehru University, New Delhi, India): *Technology in the Margins of Empire: Firearms in the British Assam Frontier*

**Erinn McComb** (Del Mar College): *The Importance of Diversity, Equity, and Inclusion (DEI) to NASA's Astronaut Corps*

**Garrett McKinnon** (North Carolina State university): *The New Top Guns: Tracing the Growth of a World Market for Military Drone Technology*

**Andrew McGee** (Smithsonian Institution): *"An AI Winter's Tale: NASA, CLIPS, the NeXT Workstation, and the Migration of Aerospace Systems Management into Expert Systems Programming, 1985-1996"*

### **F38: Emerging Technologies**

Chair: **TBA**

#### *Presenters*

**Ethan Ilhwan Kong** (Department of Science Studies, Seoul National University): *Flying Chemist, Flexing Molecule: Swiss Chemist Richard Ernst's US Round Trip and the Ignition of "NMR Revolution", 1960-1975* (Robinson Prize Candidate)

**Melody Xu** (Johns Hopkins University): *In the eye of the beholder: Norman Mackworth and the development of eye tracking technology in the mid-20th century* (Robinson Prize Candidate)

**Emil Flato** (New York University): *Code for Comrades: Digital and human algorithms at the Norwegian Iron-Metal Union, 1970s*

**Mirjam Mayer** (ETH Zurich): *Digitizing the Desk. Personal Computing in the Swiss Federal Administration, 1980s and 1990s*

### **F39: The Stories Training Tells: Race, Post/colonialism & Cartoons**

Chair: **TBA**

#### *Presenters*

**Ankita Anirban** (Independent Scholar): *How a scholarship program created a scientific community: a case study looking at Black scientists at Bell Laboratories*

**Ransford Tei** (York University): *Cultivating Modernity: The Role of Agricultural and Industrial Training in Shaping Ghana's Post-Colonial Technological Landscape, 1951–1966*

**Laurence Burke** (National Museum of the Marine Corps): *Cartoons as Technical Training Material*

**Urna Mukherjee** (Johns Hopkins University): *From the Dockyard to the Museum: Ship models and their purposes in the age of colonial empires*

### **F40: Modelling and Computation**

Chair: **TBA**

#### *Presenters*

**Jeffrey Yost** (University of Minnesota): *Symbolic versus Stochastic AI in Medicine: Exploring Technology, Labor, and Practice Across Time and Place*

**Nicholas Lewis** (Los Alamos National Laboratory): *The Hype Machine: Computing, the H-Bomb, and AI in Big Science*

**Yooseong Heo** (History Department, Duke University): *Counting Back from the Future: Planning Algorithm, Two Forms of Economic Forecasting, and Microeconomic Misfoundations in the East German VIS Project* (Robinson Prize Candidate)

**Johannes-Geert Hagmann** (Deutsches Museum, Munich, Germany): *A storm in a teacup? Placing dishpan research technology in the history of climate modelling.*

### **F41: Technology and the Business of Control**

Chair: **TBA**

#### *Presenters*

**Jørgen Burchardt** (Middelfart Museum): *From Screws to Cybersecurity*

**Simone Fari** (Universidad de Granada): *Migration Waves and Technological Revolutions: A Long-Term Interpretive Framework*

**Timo Leimbach** (Aarhus University): *The birth of the waterfall out of the spirit of agility – Effects of migrating concepts in technology development processes*

**Eóin Phillips** (Ramon Llull University): *The concrete master race: lock, stock and flow in the imperial-industrial canal system*

**Sarvnaz Lotfi** (Loyola University Maryland): *The History of R&D Loopholes, or Why You Pay More Taxes Than Amazon*

#### **F42: IV: Engineers in Transit: Case Studies of Migration (Prometheans Sponsored Panel)**

Organizer and Chair: **Ellan Spero** (MIT)

Commentator: **Adelheid Voskuhl** (University of Pennsylvania)

##### *Presenters*

**Alain P. Michel** (Evry University Paris-Saclay): *What Technical Model Should be Followed? : Detroit USA vs Billancourt France : Migrations of Knowledge and Knowhow Across the Atlantic in the early 1970s*

**Andrea Yuri Flores Urushima** (Fukui Prefectural University): *Assembling Recovery: Migrating Technologies and Epistemic Translation in the Reconstruction of Fukui, 1945–1955*

**Lauren Schaffer** (Independent Scholar): *The Migration and Lives of Black RCA Engineers, 1945-1960* (Robinson Prize Candidate)

**Justin Castro** (Arkansas State University): *Inter-Latin American Engineering in the Late-Nineteenth and Early-Twentieth Century*

**Christos Karampatsos** (National and Kapodistrian University of Athens) and **Aristotle Tympas** (National and Kapodistrian University of Athens): *Migrating technologies, but, also, migrating technologists: Engineering between Athens, Munich, Boston and Doha*

## **Friday 10 October 7:00 PM – Midnight**

**Conference Party / Social Event in FerroForum** (Pre-registration required to prevent food waste)

## **Saturday 11 October 2025**

### **Saturday 11 October 8:30 AM - 9:45 AM**

#### **S1: Rebordering the State in Our Postcolonial World: Biometric Identification Technologies as Infrastructure**

Organizer and Chair: **Cecilia Passanti** (Centre population et developpement (CEPED) Univeristé Paris Cité)

Commentator: **Niovi Valouva** (Chair in Cyber Policy, Departement of Law, University of Luxembourg)

##### *Presenters*

**Michelle Spektor** (Social and Ethical Responsibilities of Computing, Massachusetts Institute of Technology): *From the Oslo Accords to Ongoing Occupation: Biometric Surveillance in the Occupied Palestinian Territories, 1999-present*

**Kamal Donko** (Laboratoire d'Études et de Recherches sur les dynamiques sociales et le développement local (LASDEL Benin)): *Data and Border Control at the Sèmè Checkpoint: Historicizing Biometric Infrastructures and Local Practices in West Africa*

**Nika Soon-Shiong** (Department of International Development, University of Oxford): *Outsourcing Violence: The Birth of Biometric Security in Colonial India*

**Mallika Dharmaraj** (*Logic(s) Magazine*, Columbia University): *Surveillance in Transit: A Chronology of Power, Complicity, and Policing in the Indian Ocean World, c. 1850-Present*

## **S2: Beyond Dual Use: Mapping the Meanings of Technologies on the Move**

Organizer and Chair: **Alice Lovejoy** (University of Minnesota, Twin Cities)

### *Presenters*

**Alice Lovejoy** (University of Minnesota, Twin Cities): *Taking Stock: Film and Reparations in Allied-Occupied Germany*

**Rosamund Johnston** (University of Vienna): *The Circulation of Guns in Socialist Czechoslovakia and their Multiple Uses from the Perspective of Arms Workers*

**Andrea Bohlman** (University of North Carolina at Chapel Hill): *Tape at the Border: Magnetic Recording Returns to West Berlin*

## **S3: History Channels: Archives, Borders, and the Canalization of the Past**

Organizer and Chair: **Zachary Furste** (University of Amsterdam)

### *Presenters*

**Zachary Furste** (University of Amsterdam): *Unspooling Empire with Turing's "Tape Machine"*

**Diego Gómez-Venegas** (Independent Media Researcher, Berlin): *Whose Archive? A Personal Journey in Search of Chile's History of Technology* (Robinson Prize Candidate)

**Megan Phipps** (Goethe University Frankfurt): *Liquid Archives: Tracing Techno-Aesthetic Movements Across Borders*

## **S4: Technologies of Speculative Futuring in Everyday Life**

Organizer: **Jamie Pietruska** (Rutgers University-New Brunswick)

Chair and Commentator: **Rebecca Herzig** (Bates College)

### *Presenters*

**Jamie Pietruska** (Rutgers University-New Brunswick): *Rain Gauges, Pluvius Policies, and Weather Tickets: Technologies of Weather Gambling in the Nineteenth and Twentieth Centuries*

**Meagan Wierda** (Université de Montréal): *"Already Our Enemies are Gravely Speculating": African American Activists, the Census of 1850, and Black Demographic Futures*

**Malka Older** (Arizona State University): *Predictive Fictions: Why Some Forecasts Are Considered Science, and Others Fiction, and How We Signal the Difference*

## **S5 Cyborg@40: How does the cyborg serve historical research in the 21st century?**

Organizer: **Margarita Boenig-Liptsin** (Assistant Professor of Ethics, Technology and Society, ETH Zurich)

Chair: **Rebecca Lemov** (Professor of the History of Science, Department of the History of Science, Harvard University)

### *Presenters*

**Margarita Boenig-Liptsin** (ETH Zurich): *Edward Snowden, Donna Haraway, and the Forty-Odd Year Human-Computer Relationship*



**Ricky Wichum** (Käte Hamburger Kolleg: Cultures of Research, RWTH Aachen): *The Cyborg, the Computer and the State*

**Daniela Wentz** (Käte Hamburger Kolleg: Cultures of Research, RWTH Aachen): *Mechanical Boys and other Cyborgs. Haraway and Autism History*

**Monika Wulz** (History of Science, ETH Zurich): *Frictions of Science and Technology in a Multipolar World: The Prehistory of the Cyborg Manifesto in 1980s Yugoslavia*

### **S6: Formation of national schools of engineering sciences**

Organizer and Chair: **Aleksandra Kazakova** (University of Chinese Academy of Sciences)

Commentator: **Carl Mitcham** (Colorado School of Mines)

#### *Presenters*

**Nan Wang** (University of Chinese Academy of Sciences) and **Fangyi Shi** (University of Chinese Academy of Sciences): *What can we learn from the flight experiments of Langley and the Wright brothers ?*

**Jizhang Liu** (University of Science and Technology of China) and **Anyi Wang** (University of Science and Technology of China): *The National research institute of engineering and its scientific research during the wartime*

**Yinghang Huang** (Harbin Institute of Technology): *The history of welding talent cultivation in New China and the development of welding discipline at Harbin Institute of Technology*

### **S7: Migration of Technologies into the Arctic Environment (and Back): Innovations Amidst International Cooperation and War Tensions**

Organizer: **Julia Lajus** (Smithsonian Institution and University of Helsinki)

Chair and Commentator: **Ronald E. Doel** (Smithsonian Institution and Florida State University, USA )

#### *Presenters*

**Julia Lajus** (Smithsonian Institution and University of Helsinki): *Technological breakthrough of the 1920s and how it was used to justify the Second International Polar Year of 1932 – 33*

Robert-Jan Wille (Freudenthal Institute, University of Utrecht, The Netherlands): *Arctic Atmospheric Technologies: Colonizing the Northern Air with Balloons, Zeppelins and Rockets*

**Urban Wrackberg** (UiT The Arctic University of Norway, Tromsø): *Military-driven innovation of meteorological observation methods during WWII*

### **S8: Signals in Motion: The Repurposing of Communication and Positioning Technologies**

Organizer: **Ion Mihailescu** (University of Neuchatel, Switzerland)

Chair: **Gianenrico Bernasconi** (University of Neuchatel, Switzerland)

#### *Presenters*

**Ion Mihailescu** (University of Neuchatel, Switzerland): *Repurposing Time Signals: The Commercial Use of Public Infrastructure at the Neuchâtel Observatory, 1967–1987*

**Sabina Luz** (Museum of Astronomy and Related Sciences, Brazil): *Broadcasting Time: The Application of Radiotelegraphy to the Transmission of Time Signals – A Global Network and the Brazilian Radiotelegraphic Station*

**Inga Schuppener** (Collaborative Research Center “Media of Cooperation”, University of Siegen, Germany): *From radio waves to ubiquitous wireless systems: The dynamic infrastructure of the Blue-tooth Technology (Robinson Prize Candidate)*

# Saturday 11 October 2025 9:50 AM - 11:05 AM

## **S9: Digital Borders: Migration and Data Politics, 1950s to 2000s**

Organizer and Chair: **Michael Homberg** (Leibniz Centre for Contemporary History Potsdam)

### *Presenters*

**Lennart Schmidt** (Leibniz Centre for Contemporary History Potsdam) and Moritz Mähr (University of Bern): *Digital Migration Regimes: Technologies of Control in Postwar Europe*

**Michelle Pfeifer** (Technische Universität Dresden): *Infrastructural Opportunism: Database Interoperability's Lessons from the German Central Foreigner's Register*

**Moritz Feichtinger** (University of Basel): *Control and Confusion: Digital Monitoring of Migration Flows during the War for Vietnam*

**Cecilia Passanti** (Université Paris Cité): *The (Biometric) Rise of African Citizenship: Building the EU's Migration Control Apparatus from Postcolonial Democracy Practices* (Robinson Prize Candidate)

## **S10: I: [Session Thread: Technologies of Pattern Recognition] Panel 1. Mid-century contexts: Surveillance, Creativity, and Learning**

Organizer and Chair: **Valentin Goujon** (Sciences Po)

Organizer: **Alexander Campolo** (Durham University)

### *Presenters*

**Rudolf Seising** (Deutsches Museum): *Learning like an octopus. A pattern recognition machine in the 1950s*

**Aaron Gluck-Thaler** (University of Toronto): *"The More Backlog the More Merit!": Pattern Recognition and the Problem of Surveillance Data Overload*

**Benjamin Lindquist** (MIT): *The Irrational Computer*

## **S11: Migrating Technologies for Preserving and Reviving Them – Lightning Talks**

Organizer: Valérie Schafer (C2DH, University of Luxembourg)

### *Presenters*

**Magdalena Grüner** (German Museum of the Masterworks of Science and Technology): *Claiming Truth, Picturing Doubt: Reflections on the First Digital Image of the Surface of Mars*

**Sebastian Döring** (C2DH, University of Luxembourg): *Recording and Real Time Rendering of the acoustic properties of 20th century media in the Maison du son*

**Susan Aasman** (University of Groningen): *"Staging the Amateur Dispositif", lessons learned from a media archaeological experiment*

**Dinah Pfau** (Deutsche Museum Munich): *Historical Re-Enactment with "Dead" Technologies: The Case of the German ElectronSynchrotron*

**Thomas Haigh** (University of Wisconsin, Milwaukee): *Setting up and maintaining a retrocomputing laboratory*

**Fred Pailler** (C2DH, University of Luxembourg): *CD-ROMs aren't dead, they're not even zombies...*

**Dulce van Vliet** (Eindhoven University of Technology): *Historical Data Streams and Measuring Sustainability*

**Tatjana Seitz** (University of Siegen): *Critical Platform Histories: the case of Facebook's Graph API*

## **S12: I: Back to the bolts? Engaging materially in a globalizing discipline**

Organizer: **Jonas van der Straeten** (Eindhoven University of Technology)

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

Organizer and Commentator: **Josh Grace** (University of South Carolina)

### *Presenters*

**Jérôme Baudry** (Swiss Federal Technology Institute of Lausanne): *Repair as Practice and Knowledge: An Ethnography of Two Repair Cafés*

**Daniel Sosna** (Czech Academy of Sciences): *Disappearing Skills: Material Practices at Landfills*

**Tomasz Rakowski** (University of Warsaw): *Building, Working, and Dreaming: Socialist Bootleg Technologies in Poland*,

**Jackson Kariuki Gathanga** (Eindhoven University of Technology): *Engaging situated food provisioning practices across Nairobi's urban periphery*

## **S13: I: Code Histories**

Organizer and Chair: **Alexandre Hocquet** (University of Lorraine)

### *Presenters*

**Gabriel Alcaras** (Sciences Po): *From Coordination to Control: The Evolution of Software Memory Infrastructures*

**Steve Jankowski** (University of Amsterdam): *The structure of encyclopedic uncertainty: Wikitext and the emergence of a humanist markup language (2003–2008)*

**Marcus Burkhardt** (Paderborn University) and **Tatjana Seitz** (University of Siegen): *Historizing APIs: Reconstructing Coding Practices from the Margins of Developer Documentation*

## **S14: Third-Worldism and Technology Migration: East Asian Foreign Aid to Africa during the Cold War**

Organizer: **Dongxin Zou** (Department of Chinese History and Culture, The Hong Kong Polytechnic University)

Chair: **Yi-Tang Lin** (Department of History, University of Zurich)

### *Presenters*

**Dongxin Zou** (Department of Chinese History and Culture, The Hong Kong Polytechnic University): *Pragmatic Innovation: Medical Technology and Socialist Adaptation in China's Algerian Mission*

**N'godo Filomène Ebi** (Department of History, Alassane Ouattara University of Bouaké, Côte d'Ivoire): *Evolution and Perception of Chinese Infrastructure Technology in Ghana and Côte d'Ivoire (1980–1990)*

**Yi-Tang Lin** (Department of History, University of Zurich): *The Manifold Paths of Irrigated Rice Farming Technologies: Taiwanese Agricultural Demonstration Team in Côte d'Ivoire, 1963-1983*

**Seung Hwan Ryu** (Graduate School of East Asian Studies, Freie Universität Berlin, Germany): *Beyond the Foreign Aid: North Korea-Tanzania Agricultural Cooperation in the Cold War*

## **S15: Data Migration: Histories, Infrastructures, and Transformations**

Organizer and Chair: **Hector Isern Alsina** (Universitat Autònoma de Barcelona):

Organizer: **Grigoris Panoutsopoulos** (Universitat Autònoma de Barcelona)

#### *Presenters*

**Andrea Álvarez Laorden** (Universitat Autònoma de Barcelona): *The migration of technologies in assistance for development in Latin America: the case of Geological Applications of Remote Sensing (1986-1994)*

**Anna Drou** (Universitat Autònoma de Barcelona): *Satellite data in translation: the role in shaping the Catalan Meteorological Service*

**Phillip H. Roth** (RWTH Aachen University): *Migrating Bibliographic Data Across the Ocean in Mid-20th Century Particle Physics*

**Grigoris Panoutsopoulos** (Universitat Autònoma de Barcelona): *Geographies of Data, Hierarchies of Power: Remote Sensing in Postcolonial Africa*

#### **S16: New Directions in the History of International Radio Broadcasting**

Organizer: **Tim Stoneman** (Georgia Tech - Europe)

Chair: **Jennifer Alexander** (University of Minnesota)

Commentator: **Kate Lacey** (University of Sussex)

#### *Presenters*

**Tim Stoneman** (Georgia Tech - Europe): *Reverse migration and the radio receiver: Enchanting the American missionary public from the Philippines, 1945-70*

**David Clayton** (University of York): *Imperial Designs: radio broadcasting in the British Empire, 1930 to 1960*

**Nelson Ribeiro** (Catholic University of Portugal): *Building a Nation: Broadcasting and the Creation of National Identities in Angola and Mozambique*

**Diego Cortes** (University of Oregon): *HCJB: Between Evangelical Heathenism and Ecuadorian Indigenismo*

## **Saturday 11 October 2025 11:05 AM – 11:35 AM**

#### **Coffee Break**

## **Saturday 11 October 2025 11:35 AM - 12:50 PM**

#### **S17: Bicycles in motion: New scopes on cities, cycling and mobility justice**

Organizer and Chair: **M. Luísa Sousa** (CIUHCT, NOVA School of Sciences and Technology (NOVA U. Lisbon))

Organizer: **Jaume Valentines-Álvarez** (Universitat Autònoma de Barcelona)

#### *Presenters*

**Diego Cavalcanti Araújo** (CIUHCT, NOVA School of Sciences and Technology (NOVA U. Lisbon)): *Bicycles and the City: Reimagining accessibility and informal housing in 1950s-1960s Lisbon (Robinson Prize Candidate)*

**Jethron Ayumbah Akallah** (Maseno University, Kenya): *Bicycles and Everyday Urban Mobility: The Shifts and Turns in the Adoption and Framing of the Bicycle as a Tool of Power and Mobility in Kisumu City since the 1930s*

**Jaume Valentines-Álvarez** (Universitat Autònoma de Barcelona) and **M. Luísa Sousa** (CIUHCT, NOVA School of Sciences and Technology (NOVA U. Lisbon)): *Debating mobility futures during the 1970s political turmoil in Portugal*

## **S18: Building the Non-Aligned World: Knowledge, Infrastructure, and Urban Development in the Global South**

Organizer and Chair: **Tijana Rucic** (KTH Royal Institute of Technology, Sweden)

### *Presenters*

**Boyd Ruamcharoen** (Massachusetts Institute of Technology, USA): *Weathering Decolonization: Tropical Standards of Durability and Postcolonial Worldmaking, 1947–1970s*

**Fernando Alejandro Remache-Vinueza** (University of Bremen, Germany): *Theories of economic development, industrialization and the evolution of non-contributory-pension schemes in Argentina 1949-1983* (Robinson Prize Candidate)

**Ronald Doel** (Florida State University, USA): *Diffusing Technoscience across Cold War Sub-Saharan Africa: How the International Geophysical Year Affected Ghana and former British Colonies*

**Renato D'Alençon** (Pontificia Universidad Católica de Chile) and **Daniel Korwan** (Independent Researcher): *Failed Industrialization: Housing production knowledge export from the GDR to Chile 1971-73*

## **S19: II: [Session Thread: Technologies of Pattern Recognition] Panel 2. Patterns, tasks and objectives in speech and language processing**

Organizers: **Valentin Goujon** (Sciences Po) and **Alexander Campolo** (Durham University)

Chair: **Dinah Pfau** (Deutsches Museum)

### *Presenters*

**Valentin Goujon** (Sciences Po): *A Common Task Framework against deceit and glamor? Promoting pattern recognition benchmarks at the National Bureau of Standards*

**Susanne Förster** (University of Siegen): *Testing Technological Progress: The Role of DARPA in Shaping Standardized AI Benchmarking*

**Amira Moeding** (University of Cambridge): *Connectionism turns 'statistical': On the Emergence of the Maximum Likelihood Estimation Algorithm and its impact 1983- 1987*

**Alexander Campolo** (Durham University): *Next word prediction: A history of the language modeling objective*

## **S20: Author-Meets-Critics: Every American an Innovator: How Innovation Became a Way of Life (by Matt Wisnioski)**

Organizer: **Adelheid Voskuhl** (University of Pennsylvania)

Organizer, Chair and Moderator: **Aleksandra Kobiljski** (French National Center for Scientific Research)

### *Panellists*

**Amy Bix** (Iowa State University)

**Matt Jones** (Princeton University)

**Aleksandra Kobiljski** (French National Center for Scientific Research)

**Andrew Russell** (SUNY Polytechnic Institute)

**Adelheid Voskuhl** (University of Pennsylvania)

**Matt Wisnioski** (Virginia Tech)

## **S21: II: Code Histories**

Organizer: **Alexandre Hocquet** (University of Lorraine)

Chair: **Mathilde Fichen** (Conservatoire National des Arts et Métiers)

*Presenters*

**Titaÿna Kauffmann** (University of Luxembourg): *Interface in Code: The Apple Lisa and the GUI as Control Surface*

**Kevin Driscoll** (University of Virginia): *Programming in print: What amateur code reveals about early microcomputing culture*

**Jad Kadan** (Tel-Aviv University): *Simultaneous Code: Multiple Invention and the Early Culture of Programming Automation*

**S22: Migrations in Igbo Technological Development in Southeastern Nigeria from Earliest Times up to 1970**

Organizer and Chair: **Uche Uwaezuoke Okonkwo** (University of Nigeria Nsukka)

*Presenters*

**Uche Uwaezuoke Okonkwo** (University of Nigeria Nsukka): *Ogbunigwe (Local Bombs and Ammunitions) Manufacturing and Migrations of Biafran Scientists during the Nigerian-Civil War*

**Livinus Ikwuako Okeke** (Imo State University Owerri Nigeria): *Migrating Chisels, Shifting Paradigms: The Impact of Colonial Rule and Christianization on Igbo Itinerant Wood Carvers*

**Ikenna Odife** (Nnamdi Azikwe University Awka Nigeria): *Healing Technology, Migration and Traditional Healthcare Service amongst the Igbo of Southeast Nigeria, 1900-2019*

**S23: II: Back to the bolts? Engaging materially in a globalizing discipline**

Organizer: **Jonas van der Straeten** (Eindhoven University of Technology)

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

Commentator: **Josh Grace** (University of South Carolina)

*Presenters*

**Cheryl Hagan** (University of Pennsylvania): *Nimble Negotiations: Ethnographic Notes on a Responsible AI Lab*

**Anto Mohsin** (Northwestern University in Qatar): *Archival Gaps and Digital Traces: Researching Powerline Maintenance through Instagram*

**Chloe Thompson** (Carnegie Mellon University): *Making Sense of Color: The Impact of Making and Mixing Dyes on Food Colorant Research*

**S24: Energy (In)Justices: Social and Cultural Perspectives on the Use(rs) of Heating Technologies**

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

Chair: **Fabian Zimmer** (TU Berlin)

*Presenters*

**Joel Löw** (Linköping University), **Anna Åberg** (Chalmers University of Technology), and **Bengt Sandin** (Linköping University): *Innovating, replacing and stealing: Energy deprivation and heating practices in Sweden in the late 19th and early 20th century*

**Damiana Salm** (Albert Ludwig University Freiburg in Breisgau): *"In Cases of Genuine Hardship": Helping the Fuel-Poor in 1970s Britain (Robinson Prize Candidate)*

**Bue Poulsen** (Aarhus University), **Mattias Heymann** (Aarhus University), and **Kristian Hvidfeldt Nielsen** (Aarhus University) Co-authored. *Conflict and cooperation: User involvement in district heating in Denmark*

**Odinn Melsted** (Maastricht University): *The Role of Users in Socio-technical Transitions: The Introduction of Geothermal District Heating in Reykjavík, 1930–1980*

## **Saturday 11 October 12:55-PM – 2:10 PM – Lunchtime Session**

**SIG Lunch Meetings to be added**

### **SL1: Sensory walking as history of technology method**

Organizer: **Finn Arne Jørgensen** (University of Stavanger)

#### *Facilitators*

**Melina Antonia Buns** (University of Stavanger)

**Odinn Melstedt** (Maastricht University)

**Suzanne Ros** (University of Stavanger):

### **SL2: ERC Projects in the History of Science and Technology: Challenges, Opportunities and Results**

Organizer: **David Pretel** (Universidad Autónoma de Madrid) and **Lino Camprubí** (Universidad de Sevilla)

#### *Panellists*

**David Pretel** (Universidad Autónoma de Madrid)

**Lino Camprubí** (Universidad de Sevilla)

**Per Högselius** (KTH Royal Institute of Technology, Stockholm)

**Inanna Hamati-Ataya** (University of Groningen)

**Véronique Pouillard** (University of Oslo)

**Lino Camprubí** (Universidad de Sevilla)

### **SL3: Artificial Intelligence in Teaching History of Technology: An Interactive Roundtable on Experiences, Challenges, and Opportunities**

Organizer: **Stefan Esselborn** (University of Stuttgart)

#### *Panellists*

**Stefan Esselborn** (University of Stuttgart)

**Christian Götter** (TU Braunschweig)

**Laura Bodmann** (Helmuth-Schmidt-University Hamburg)

**Finola Finn** (C2DH Luxembourg)

**Matthew Jones** (Princeton University)

### **SL4: Mapping Water Infrastructure and Technology: Collaborative Workshop**

Organizers and moderators: **Vincent Baptist** (*Delft University of Technology*) and **Carola Hein** (*Delft University of Technology*)

## **Saturday 11 October 2:15 PM – 3:30 PM**

### **S25: Critiques of Technology Since World War II**

Organizer and Chair: **Eric Schatzberg** (Georgia Institute of Technology)

*Presenters*

**Eric Schatzberg** (Georgia Institute of Technology): *Postwar Critiques of Technology: A Typology*

**Tom Kelsey** (National Institute for Economic and Social Research, London): *Economic Liberalism from Within: The Free-Market Critique of 'High Technology' in Post-War Britain*

**Salem Elzway** (University of Southern California): *Jim Crow-bot: Race and Critiques of Automation during the Cold War*

**Sam Franz** (University of Pennsylvania): *Of Processors and Labor Process: Joan Greenbaum and Computer People for Peace*

**S26: III: [Session Thread: Technologies of Pattern Recognition] Panel 3. What is recognized? Relevance, segmentation, and environments**

Organizer: **Valentin Goujon** (Sciences Po)

Organizer and Chair: **Alexander Campolo** (Durham University):

*Presenters*

**Dinah Pfau** (Deutsches Museum): *Seeing Patterns, Creating Differences:*

*Neurophysiological Experiments on Vision in 1970s West Germany*

**Dieuwertje Luitse** (University of Amsterdam) and Tobias Blanke (University of Amsterdam): *From CCN-based Learning to Sequence Modelling: On the Shifting Epistemic Operations of Neural Networks*

**Paul N. Edwards** (Stanford University): *AI Techniques in Climate Science: Pattern-matching vs. causal understanding*

**James E. Dobson** (Dartmouth University): *Pattern Matching in Vector Space: The Ontology of Multimodal Models*

**S27: Administrative Technologies in the Contemporary Migration History of Luxembourg (Workshop)**

Organizer: **Machteld Venken** (C2DH University of Luxembourg)

*Workshop Providers*

**Marijke van Faassen** (Huygens Institute KNW Amsterdam)

**Rik Hoekstra** (Huygens Institute/DH-lab, KNAW, Amsterdam)

**Alex Relicovschi** (C2DH University of Luxembourg)

**S28: Expertise on the Move (Round Table)**

Organizer: **Jens van de Maele** (KU Leuven)

Chair and Commentator: **Martin Kohlrausch** (KU Leuven)

*Panellists*

**Jens van de Maele** (KU Leuven): *Crossing Borders, Managing Work: Office Architecture Expertise in Transit*

**Cecilia Passanti** (Université Paris Cité): *Making Politics through Infrastructures: Computer Scientists as Transnational Actors of African Decolonisations (or Postcolonisation?)*

**Siegfried Evens** (KU Leuven): *The Origins of Nuclear Expertise: The Formation of Nuclear Engineering Education in the US and Sweden*

**S29: I: Circulation and (Im)mobility in Nigerian History of Science and Technology (Part I)**

Organizer and Chair: **Damilola Adebayo** (York University, Toronto, Canada)



*Presenters*

**Olawale Abayomi Adeniji** (Nigerian Defence Academy, Kaduna, Nigeria): *Sacred Duty: Technology, Mobility, and the Hidden Infrastructures of Christian Pilgrimage in Northern Nigeria (1914–2020)*

**Blessing J. Edet** (University of Uyo, Nigeria): *Transportation Technologies and Migrations in the Nigerian Civil War*

**Nnamdi Nnake** (McMaster University, Hamilton, Canada): *'Let There Be Light': Colonial Might, Migration and The Telegraph in Nigeria*

**S30: III: Code Histories**

Organizer: **Alexandre Hocquet** (University of Lorraine)

Chair: **Titaÿna Kauffmann** (University of Luxembourg)

*Presenters*

**Mathilde Fichen** (Conservatoire National des Arts et Métiers): *Prolog in Context: Source Code as a Window into Early European AI*

**Stefan Höltingen** (University of Bonn): *Programming the Lingua Franca*

**Warren Sack** (University of California, Santa Cruz): *On the history of programming language semantics and why it can, paradoxically, make it hard to understand the meaning that code bears for its human audience*

**Guilherme Orlandini Heurich** (University College London): *It reads like English: on the relationship between human and artificial languages*

**S31: Translating Technologies in Modern Japan**

Organizer: **Mark (Yu Shan) Chen** (Harvard University)

Chair: **Ruselle Meade** (Cardiff University)

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

*Presenters*

**Mark (Yu Shan) Chen** (Harvard University): *Numerical Madness: Translating the modern information regime in the Japanese Empire*

**Ruselle Meade** (Cardiff University): *A new language for a new profession? Repurposing an artisanal lexicon for marine engineers in nineteenth century Japan*

**Lewis Bremner** (University of Cambridge): *So Old It's New: Translating the Slide Show in Nineteenth and Twentieth Century Japan*

**S32: Soviet SCI\_BERIA**

Organizer: **Ksenia Tatarchenko** (JHU)

Chair and Moderator: **Julia Lajus** (Smithsonian)

*Panellists*

**Ksenia Tatarchenko** (JHU)

**Pierre Mounier Kuhn** (CNRS)

**John Krige** (Georgia Tech)

**Alina Bykova** (Stanford University)

**Dick Van Lente** (ESHCC)

## Saturday 11 October 2025 3:30 PM – 4:00 PM

Coffee Break

## Saturday 11 October 4:00 PM – 5:15 PM

### **S33: I: The Diplomacy of Global Technopolitics**

Organizer: **Sam Robinson** (University of York, UK)

Chair: **Matthew Adamson** (McDaniel College, Budapest/Institute for Advanced Studies, Corvinus University)

#### *Presenters*

**Sam Robinson** (University of York, UK): *Transnational Technopolitics: the UN Conference on Science and Technology for Development 1979.*

**Barbara Silva** (Universidad Católica de Chile): *Fog Catchers: Docile Technologies and International Connections from South to North*

**Roberto Lalli** (Politecnico di Torino): *Between science and technology diplomacy: The transformations of European Cooperation in Nuclear Fusion Research from the 1950s to the early 2000s*

### **S34: II: Circulation and (Im)mobility in Nigerian History of Science and Technology (Part II)**

Organizer and Chair: **Damilola Adebayo** (York University, Toronto, Canada)

#### *Presenters*

**Uzoamaka Nwachukwu** (Indiana University, Bloomington, USA): *Technology and Disability in Mining Communities, Eastern Nigeria*

**Ifeoma Aneke** (University of Florida, Gainesville, USA): *Crossing Borders: Indigenous Knowledge Transfer and Healing Memories among African Medicine Men in the Atlantic World*

**Matthew Ayodele** (Stanford University, California, USA): *Flying Locusts: Imperial Anxieties, Technological Limits, and Locust Control in Colonial Nigeria, 1929 – 1932*

### **S35: Computers in cartoons: dimensions of public response in five countries, 1950-2000**

Organizer and Chair: **Dirk van Lente** (Technical University Eindhoven)

#### *Presenters*

**Dirk van Lente** (Technical University Eindhoven): *Computers in cartoons: theory, method and human-machine interactions in Dutch cartoons*

**Martin Schmitt** (Paderborn University): *Computer as icons: depictions of digital culture in computational analysis of simple graphic forms*

**Ksenia Tatarchenko** (Johns Hopkins University): *"Under Maintenance": Computer Representations in Krokodil Magazine of the 1970s*

**James Sumner** (Manchester University): *Iconic representations of "the computer" in the British comic press, 1945–1990*

### **S36: The Humanities at Work: Improving Professional Training**

Organizer: **Jakob Henningsson** (KTH Royal Institute of Technology)

Chair: **Nina Wormbs** (KTH Royal Institute of Technology)

#### *Presenters*

**Jakob Henningsson** (KTH Royal Institute of Technology): *Will the Engineer Manage? The Early Years of Industrial Economy Education in Stockholm, 1911—1945* (Robinson Prize Candidate)

**Chloe Bell-Wilson** (UCLA): *The GMO Game: Interdisciplinary Science Learning*

**Amanda Katz** (Utah State University): *The Humanist and the Technocrat: Humanities Education for Engineering Professionals*

**Maria Rentetzi** (Friedrich-Alexander-Universität): *The Threat of Critical Thinking*

### **S37: Moving On: Ageing Technologies and Global Practices of Recycling, Revamping and Remarketing**

Organizer: **Andreas Greiner** (German Historical Institute Washington DC, USA)

Chair: **Michael Homberg** (Leibniz-Zentrum für Zeithistorische Forschung, Potsdam, Germany)

Commentator: **Christian Götter** (Technische Universität Braunschweig, Germany)

#### *Presenters*

**Andreas Greiner** (German Historical Institute Washington DC, USA): *Globalizing Technologies in the Face of Demobilization: The German Aviation Industry and the Diversification of its Markets after 1919*

**Sarah Ehlers** (Deutsches Museum, Munich, Germany): *„For Third World Use Only?“ Banned Pesticides Exports to Developing Countries, 1970s -1990s*

**Ayushi Dhawan** (Azim Premji University, Bhopal, India): *End-of-Life Ships as “Toxic Waste in Disguise.” Greenpeace Campaigning Against “Dirty” Shipbreaking Practices from 1998 to 2006*

### **S38: Exploring the Migrating Atom: Migrations and Mobility of Nuclear Technologies in the long 20th Century**

Organizer: **Derek Kramer** (University of Sheffield)

Chair: **Heike Weber** (Technische Universität Berlin)

#### *Presenters*

**Derek Kramer** (University of Sheffield): *Moving Markers: Readings of Radiation the Early Cold War World in Korea*

**Aske Nielsen** (Friedrich-Alexander-Universität Erlangen-Nürnberg): *A Mobile Field: How Radiology was Instrumentalized and Legitimized through Mobility*

**Tong Lam** (University of Toronto): *Sublime in Motion: The Chian Reaction of Nuclear Photography*

**Melina Antonia Buns** (University of Stavanger): *(Re-)Moving Radioactive Waste and the International Life of Nuclear Materials*

### **S39: History and Philosophy of Engineering Science: Focus on China's Experience**

Organizer and Chair: **Dazhou Wang** (University of Chinese Academy of Sciences)

#### *Presenters*

**Dazhou Wang** (University of Chinese Academy of Sciences): *The Soviet Union and the Rise of Magnetic Confinement Fusion Research Endeavor in China*

**Anjun Xu** (University of Science and Technology Beijing): *Yin Ruiyu and the Rise of Metallurgical Process Engineering*

**Gong Wang** (The Institute for the History of Natural Sciences, Chinese Academy of Sciences): *Technological Innovations in the Development of China's Next-Generation Radar Systems*

**Jingjin Wang** (Beihang University): *The Evolution of Engineering Scientific Thought in the History of Crewed Space Program*

#### **S40: Transnational Histories of Urban Energy Supply**

Organizer: **Per Högselius** (KTH Royal Institute of Technology)

Chair: **Aliaksandr Piahnanau** (KTH Royal Institute of Technology)

Commentator: **Iva Lučić** (Stockholm University)

##### *Presenters*

**Per Högselius** (KTH Royal Institute of Technology): *Fueling the Capital: A Transnational Energy History of Stockholm*

**Sissel Bjerrum Fossat** (Museum Odense): *Transnational Fossil Energy for Odense, 1850-1950*

**Marta Musso** (Sapienza School of Advanced Studies): *Glocal Carbon: Coal Supplies and Energy Policies in Turin in the Interwar Period*

**Robert Groß** (University of Natural Resources and Life Sciences Vienna (BOKU)): *Of System Builders and Entanglers: Vienna's Path to Natural Gas Dependence*

## **Saturday 11 October 5:20 PM – 6:35 PM**

#### **S41: II: The Diplomacy of Global Technopolitics**

Organizer and Chair: **Sam Robinson** (University of York, UK)

##### *Presenters*

**Barbara Hof** (Université de Lausanne, Switzerland): *Data sharing through the Iron Curtain (and its diplomatic preconditions)*

**Lif Jacobsen** (Danish Arctic Institute, Denmark): *Technology and Science on Ice: US-Danish Seismic Collaboration in Greenland, 1966–67*

**Matthew Adamson** (McDaniel College, Budapest/Institute for Advanced Studies, Corvinus University): *The Techno-diplomacy of Nuclear Information: INIS in the 1960s.*

#### **S42: III: Circulation and (Im)mobility in Nigerian History of Science and Technology**

Organizer and Chair: **Damilola Adebayo** (York University, Toronto, Canada)

##### *Presenters*

**Damilola Adebayo** (York University, Toronto, Canada): *From Coal to Hydropower: Development Planning and Economic Progress in Nigeria after 1945*

**Eniola Olade** (Universidade NOVA de Lisboa, Portugal): *Discovering Persuasive Designs as Migratory Tactics in Early Lagos Newspapers from 1920-1950*

**Alex Ugwuja** (York University, Toronto, Canada): *'What's Technology without Secrets?' Igbo Ironworkers' Guilds and Trade Protection in the Eighteenth Century*

**Patrick Okpalaeke** (York University, Toronto, Canada): *"An Expert Utilisation": Unpacking the Technological Ambiguities of the Powell Duffryn Technical Services in the Nigerian Coal Industry, 1947 – 1950*

#### **S43: The Local and the Universal: Organizing European Computing in the 1960s–1980s**

Organizer: **Aron Ambrosiani** (Chalmers University of Technology)

Chair: Jeffrey Yost (Charles Babbage Institute, University of Minnesota)

Commentator: **Martin Schmitt** (Universität Paderborn)

##### *Presenters*

**Aron Ambrosiani** (Chalmers University of Technology): *Systems Men and Girls at the Key punch: Gendered Boundary Work in Swedish Computing, 1960s–1980s* (Robinson Prize Candidate)

**Lara Marziali** (Politecnico di Milano): *IRA-INAF's computational center: how radioastronomers compute the sky* (Robinson Prize Candidate)

**Johannes Kleinmann** (Leibniz Centre for Contemporary History Potsdam (ZZF)): *The local and the universal: The organisation of computer work at the steel factory Brandenburg an der Havel, 1960s-1980s*

**Corinna Schlombs** (Rochester Institute of Technology): *High Tech and Routine Work: Computing in the East German Financial System*

#### **S44: By Air and By Sea: Transnational Technology Flows and National Security Regimes**

Organizer: **Sean Seyer** (The University of Kansas)

Chair: **John Krige** (Georgia Institute of Technology)

##### *Presenters*

**Sean Seyer** (The University of Kansas): *Fighting over Control: The Battle Over Robert Ensaunt-Pelterie's Joystick in the United States*

**Anselm J. van der Peet** (Netherlands Defense Academy/Institute for Military History): *The Search for Information: Dutch efforts to acquire U.S. knowledge and material for Nuclear Attack Submarines, 1956-1970*

**Michael Hankins** (Smithsonian National Air and Space Museum): *Undetectable Technology Transfers: The International Implications of Building Stealth Aircraft*

**Angelina Callahan** (Secretary of the Navy Historian): *Offshoring, Outsourcing, and Back Again: The Movement of Shipbuilding Away from (and Back to?) U.S. Shores*

#### **S45: Travelling across epistemic systems: Technology leaving disciplinary and institutional boundaries**

Organizer and Chair: **Dania Achermann** (University of St. Gallen)

##### *Presenters*

**Dania Achermann** (University of St. Gallen): *Travelling Technology as Drivers of Interdisciplinarity*

**Christian Kehrt** (Technische Universität Braunschweig): *From Earthquakes to Artificial Icequakes: The Introduction of Seismic Methods into Glaciology*

**Eike-Christian Heine** (University of Stavanger): *World Record Speed for Fossil Culture: A 50cc Motorcycle and the Ecological Challenge for Museums of Technology* (Robinson Prize Candidate)

**S46: Documenting, Linking, and Interpreting Canada's Endangered Design Heritage**  
Organizer and Chair: **Jan Hadlaw** (York University)

*Presenters*

**Jan Hadlaw** (York University): *"Preserving Canada's Design Heritage: From the DX Collection to the xDX ResearchSpace"*

**Aviva Weizman** (York University): *"Productive Uncertainty: Developing the xDX LOD Model"*

**Rosalind Sweeney-McCabe** (York University): *"A Study of the Project G Stereo and xDX ResearchSpace"*

**S47: Technology and the Imagination: Fiction, Media, and Models**

Organizers: **Phillip Roth** (RWTH Aachen University) and **Timothy Stoneman** (Georgia Tech - Europe)

Moderator and Chair: **Phillip Roth** (RWTH Aachen University)

*Panellists*

**Matthew Eisler** (University of Strathclyde Glasgow): *Kyoto Cars and the Modelling of Climate Change Mitigation*

**Ana María Guzmán Olmos** (RWTH Aachen University): *The Carceral Imaginary of the Science Behind Tasers – And How to Get Rid of Them!*

**Steve Jankowski** (University of Amsterdam): *Electric Tales and Surprising Circuits: Short Stories of New Media (1840-1960)*

**Anya Shchetvina** (Humboldt-University Berlin): *Manifesting the Internet: Manifestos as a Medium for Imagining Computer* (Robinson Prize Candidate)

**S48: Migrating Telecommunications Systems in the 20th Century (Mercurians Sponsored Panel)**

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

Chair: **Richard John** (Columbia University):

Commentator: **Daniela Zetti** (University of Lübeck):

*Presenters*

**Jasmin Goll** (University of Bern): *Dis:Connected by Wire. Transatlantic entanglements and the failure of music delivery by telephone in the U.S., 1907–1916*

**Alexander Magoun** (IEEE History Center) and **Kenzo Okuda** (Gifu College of Nursing): *Choosing a Television Standard in Japan, 1950-1953*

**Haris Durrani** (Harvard University): *"Orchestrat[ing]' Spectrum: Law, Satellites, & U.S. Empire in Cuba, 1963"*

## **Saturday 11 October 6:45 PM – 8:30 PM**

6.45 PM – 7.30 PM **SHOT Awards Event**

7.30 PM – 8.00 PM **SHOT Da Vinci Lecture 2025**

8.00 PM – 9.300 PM **SHOT Awards Reception** (*Pre-registration required to prevent food waste*)