

SIGCIS 2023: ONLINE EDITION 2.0

CONFERENCE SCHEDULE

REGISTER: [Eventbrite](#)

CODE OF CONDUCT: <https://bit.ly/2VJqtIK>

JUMP TO: [THURSDAY](#) | [FRIDAY](#) | [SATURDAY](#)

THURSDAY, SEPTEMBER 21, 2023

11:30AM - 1:15PM EDT **Genealogies and Origin Myths**

3:30PM - 5:15PM UTC

Moderated by Jeff Yost | Director of Charles Babbage Institute and Research Professor,
Program in History of Science Technology and Medicine | University of Minnesota

“Uniquely Interdisciplinary”: Computing at the University of Michigan, 1960-1990

Sam Franz | Ph.D. Candidate | History and Sociology of Science | University of Pennsylvania

The Mechanics of Legal Research, 1964-1970

Alex Reiss-Sorokin | Ph.D. Candidate | Program in History, Anthropology, and STS | Massachusetts Institute of Technology

“Where’s my \$10 billion industry?": Mobile Computing, Games, and the Killer App as Technomyth

Logan Brown | Ph.D. Candidate | Media & Informatics Schools | Indiana University

**Mental Hygiene and Emotional Control: The Second Origin of Cybernetics
in Interwar Psychosomatic Medicine**

Luke Stark | Assistant Professor | Faculty of Information and Media Studies | Western University

2PM - 3:45PM EDT

6PM - 7:45PM UTC

**Contested Publics, Hidden Practitioners,
and Marginalized Users in Computing History**

Organized by Mar Hicks

Operation Voder: The Women Behind the Machine

Sara Simon | Doctoral Student | Humanities | Illinois Institute of Technology

Data Borders: How Silicon Valley is Building an Industry to Know Immigrants

Melissa Villa Nicholas | Assistant Professor | Graduate School of Library and Information Studies | University of Rhode Island

Digital White Flight: The Identity Politics of Platform Migration

Jonathan Flowers | Assistant Professor | Philosophy | California State University, Northridge

'Nobody Knows I'm a Lesbian': Edie Windsor In and Out of Computing History

Mar Hicks | Associate Professor | Data Science | University of Virginia

RESPONDENT

Kishonna Gray | Associate Professor | Writing, Rhetoric, & Digital Studies and Africana Studies | University of Kentucky

4:30PM - 6:15PM EDT Labor and Resistance in the Tech Industry

8:30PM - 10:15PM UTC Moderated by Lilly Irani | Associate Professor, Department of Communication | UC San Diego

Women's Computer Work and Office Rationalization in Japan:

From the 1960s Software Crisis to the 1985 Worker Dispatch Law

Diane Wei Lewis | Associate Professor | Film and Media Studies | Washington University in St. Louis

**Toxics & Resisters: Labor, Health, and Environmental Organizing
in US Computer Manufacturing, 1965-2000**

Adam Quinn | Ph.D. Candidate | History | University of Oregon

The Chilling of Industrial Tech Ethics? The Interest Convergence of Responsible AI

Gabriel Medina-Kim | Ph.D. Candidate | Science and Technology Studies | Rensselaer Polytechnic Institute

**From Socially Useful to Responsible Tech: Learning from Histories of Environmental Justice
and Labor Rights in Silicon Valley and Beyond**

Tamara Kneese | Senior Researcher and Project Director, AIMLab | Data & Society Research Institute

7PM - 8:30PM EDT

11PM - 12:30AM UTC

Infrastructures of/as Knowledge Production

Moderated by Andrew Meade McGee | Curator of Computing, National Air and Space Museum
Smithsonian Institution

How Machine Learning Became a Political and Technical Solution to the Problems of Radical Nominalism, Political Disunity, and Big Science

Aaron Mendon-Plasek | Knight Digital Public Sphere Fellow | Information Society Project | Yale Law School

Federalism in the Digital Realm: The Political Knowledge of Computer Science

Ricky Wichum | Lecturer | History of Technology | ETH Zurich

Ever-changing information infrastructures for the persistent goal of digitalization in Vietnam, 1991-2023

Hyo Jung Kim | Ph.D. Candidate | Media, Culture, and Communication | New York University

FRIDAY, SEPTEMBER 22, 2023

9AM - 10:45AM EDT

1PM - 2:45PM UTC

Governing Data

Moderated by Honghong Tinn | Assistant Professor, Program in History of Science Technology and Medicine and Dept. of Electrical and Computer Engineering | University of Minnesota Twin Cities

Infrastructures of Integration: Data-driven Visions of Europe and the Sociotechnical Pathway to the 21st century, 1981-1993

Serkan Karas | Postdoctoral Researcher | History & Philosophy of Science & Technology | National & Kapodistrian Univ of Athens

Pattern Recognition, Government Advising, & Technophilic Intelligence Reform in Cold War America

Aaron Gluck-Thaler | Ph.D. Candidate | History of Science | Harvard University

Public Computing and/as Data Protection in the 1970s US, Germany, and France

Margarita Boenig-Liptsin | Assistant Professor of Ethics, Tech. & Society | Humanities, Social & Political Sciences | ETH Zürich

State (In)capacity and UK Government Information Technology under Tony Blair

Nika Mahnic | Ph.D. Candidate | School of Politics and International Relations | Queen Mary University of London

11:30AM - 1:15PM EDT

Figurations, Imitations, and Visualizations

3:30PM - 5:15PM UTC

Moderated by Steph Dick | Assistant Professor, School of Communication | Simon Fraser U.

The Canny Field: Embodiment, War, and the Curious Absence of Anthropomorphic AI in the Soviet Union

Benjamin Peters | Senior Fellow, KHK, RWTH, Germany | Hazel Rogers Associate Professor (on leave), Media Studies, the University of Tulsa

Lady Lovelace's Objection: The Turing-Hartree Disputes over the Meaning of Digital Computers, 1946-1951

Bernardo Gonçalves | Postdoctoral Research Fellow, Polytechnic School, University of São Paulo | Visiting Fellow, King's College, University of Cambridge

Why Artificial Neural Networks Became Dominant in Artificial Intelligence Research

Javier Ramiro Poveda-Figueroa | Independent researcher

Face-reading Machines: The Making of the Human Face as a Significant Object of Computer Vision

Heewon Kim | Ph.D. Candidate | Graduate School of Science and Technology Policy | KAIST

2PM - 3:45PM EDT

Feeling by the Numbers: Emotions and Algorithmic Media

6PM - 7:45PM UTC

Organized by Jeff Nagy and Lida Zeitlin-Wu

Moderated by Kelli Moore | Associate Professor, Dept. of Media, Culture, & Communication | NYU

Wellness and/as Whiteness: The Case of Meditation Apps

Lida Zeitlin-Wu | DISCO Network Postdoctoral Research Fellow | Digital Studies Institute | University of Michigan

Big Bad Feelings: Scaling Depression from the DSM-5 to Digital Diagnosis

Jeff Nagy | Visiting Research Investigator | Digital Studies Institute | University of Michigan

Sweet Spots, Pain Points: Digital Gambling, Machine Learning, and the Authentication of Mood

Natasha Schüll | Associate Professor | Media, Culture, and Communication | New York University

Locating Distress: The Datafication of the Hotline

Hannah Zeavin | Assistant Professor | History and Center for New Media | University of California, Berkeley

4PM - 4:15PM EDT SIGCIS WELCOME AND AWARDS

8PM - 8:15PM UTC

Opening Remarks and Welcome from the SIGCIS Executive Committee

Melanie Swalwell | Professor | Center for Transformative Media Technologies | Swinburne University of Technology
SIGCIS Co-Chair

Elizabeth S. Petrick | Associate Professor of History and Co-Director of STS Program | Rice University
SIGCIS Co-Chair

SIGCIS Awards

Computer History Museum Prize for an Outstanding Book in the History of Computing

Announced by Nathan Ensmenger | Associate Professor | Department of Informatics | Indiana University, Bloomington

Mahoney Prize for an Outstanding Article in the History of Computing

Awarded by Kevin Driscoll | Associate Professor | Department of Media Studies | University of Virginia

Chair of the Mahoney Prize Committee

Remarks and Welcome from SIGCIS Conference Organizers

Morgan Ames | Assistant Professor of Practice | School of Information | UC Berkeley

4:15PM - 5:45PM EDT KEYNOTE LECTURE

8:15PM - 9:45PM UTC The Grid vs. the Set: Early Attempts at Classifying Data

Tung-Hui Hu | Associate Professor | English | University of Michigan

INTRODUCTION

Steph Dick | Assistant Professor | School of Communication | Simon Fraser University

SATURDAY, SEPTEMBER 23, 2023

9AM - 10:45AM EDT

Mediating Language and Time

1PM - 2:45PM UTC

Moderated by Zachary Loeb | Assistant Professor, History of Computing | Purdue U.

In Real Time: Nuclear Defense, Computation, and the (Re)Invention of Digital Time in the Age of the Anthropocene

Bree Lohman | Ph.D. Candidate | Institute for the History and Philosophy of Science and Technology | University of Toronto

Automating Trauma: The Rise (and Fall?) of Autoplay

Neta Alexander | Assistant Professor | Film and Media | Colgate University

An Improvised Usage of Smart Speakers Situated between Language Hacking and Quiet Activism

Raluca Creanga | Ph.D. Candidate | Doctoral School of Sociology | University of Bucharest, Romania

Building Toward Expressive Computing: Counterculture and Computing Concepts, 1960-2000

James A. Hodges | Assistant Professor | School of Information | San José State University

11:30AM - 1:15PM EDT

Materials and Bodies

3:30PM - 5:15PM UTC

Moderated by Lori Emerson | Associate Professor, Department of English | U. Colorado Boulder

Virtualizing Embodiment: An Archaeology of Digital Space

Nicholaus Gutierrez | Assistant Professor | Cinema and Media Studies | Wellesley College

Containing the Computer(ist): Drinks, Devices & Liquid Disasters

Rachel Plotnick | Associate Professor | The Media School, Cinema and Media Studies | Indiana University Bloomington

The Calculation Game: Leibniz, Babbage, and a Global Genealogy of the Computer

Samuel Pizelo | Ph.D. Candidate | English/Science and Technology Studies | University of California, Davis

If You Give a Mouse Gilbert Simondon

Emma Rae Bruml Norton | Ph.D. student | Media, Culture, and Communication | New York University

2PM - 3:30PM EDT
6PM - 7:30PM UTC

Locating Abstraction, Abstracting Power

Organized by David Dunning

Philosophers, Smokers, and Secretaries: Problematizing Illustrative Devices in Computer Science

Troy Kaighin Astarte | Lecturer | Computer Science | Swansea University

Computational Labor in Carceral Spaces: The U.S. Prison System and Norbert Wiener's Cybernetic Vision

Clare S. Kim | Assistant Professor | History and Global Asian Studies | University of Illinois Chicago

"Requires No Programming": Language, Simulation, and Power at Postwar Monsanto

David Dunning | Teaching Fellow | Integrated Studies Program | University of Pennsylvania

RESPONDENT

Elizabeth S. Petrick | Associate Professor of History and Co-Director of STS Program | Rice University