

SIGCIS 2021: ONLINE EDITION

CONFERENCE SCHEDULE

REGISTER: (Registration is now closed; please email sigcis@morganya.org)

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

TWEET AT: @SIGCIS, #SIGCIS2021 | [TWITTER LIST](#)

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

THURSDAY, SEPTEMBER 23 2021

9AM - 10:45AM EDT
1PM - 2:45PM UTC

**TRANSGRESSING COMPUTING ARTIFACTS:
THE EAST ASIAN PERSPECTIVES**

Organized by Bo An and Yoehan Oh

Against the Standardized Forms of Annual Research Evaluation Workshops: South Korean Researchers of Information Retrieval and Question Answering Systems, 1992-2005

Yoehan Oh | PhD Candidate | Department of Science & Technology Studies | Rensselaer Polytechnic Institute

Helper, Doctor, and Kidnapper: History of Antivirus Software in China, 1988-2010

Yue Zhao | PhD Student | Department of Science & Technology Studies | Cornell University

Rebecca Slayton | Associate Professor | Department of Science & Technology Studies | Cornell University

The Vernacular Entangled with the Institutional: Apple II Cloning in the Early-1980s South Korea

Dongwon Jo | Research Professor | Center for Science, Policy, & Society | Korea Advanced Institute of Science & Technology

The Dual Technological and Learning Reform: Computer Education Campaign and the Chinese Learning Machines (the late-1970s to the 2000s)

Bo An | PhD Candidate | East Asian Languages and Literatures & Film and Media Studies | Yale University

RESPONDENT

Honghong Tinn | Assistant Professor | Department of Electrical and Computer Engineering | University of Minnesota

11:30AM - 1PM EDT

3:30PM - 5PM UTC

QUEER AND TRANS HISTORIES OF COMPUTING

Moderated by Whit Pow | Assistant Professor

Department of Media, Culture, & Communication | New York University

Pink at Big Blue: Towards a Trans History of IBM

Cassius Adair | ACLS Fellow | Institute for Advanced Study Affiliate

Otherwise 'Nets: Imaging a New Internet Through the History of LGBTQ BBSes

Avery Dame-Griff | Assistant Professor | Department of Digital Technology & Culture | Washington State University, Pullman

The Digital Closet: Cisheteronormative Content Moderation and the Case of Google and Facebook

Alexander Monea | Assistant Professor | English / Cultural Studies | George Mason University

2PM - 3:45PM EDT

6PM - 7:45PM UTC

INFRASTRUCTURES OF FEELING:

COMPUTATIONAL CAPTURE IN PSYCHIATRIC AND SOCIAL SERVICES

Organized by Hannah Zeavin and Beth Semel

Creating Subjects for Computational Capture: Autism, "Automatic Environments," and Data Behaviorism at Mid-Century

Jeff Nagy | PhD Candidate | Department of Communication | Stanford University

Micromothering: Videography and a Pre-History of Coding Emotion in the Clinic

Hannah Zeavin | Lecturer | Department of History | University of California, Berkeley

Captivating Resonances: Voice Stress Analysis and the Suspect Speaking Subject

Beth Semel | Postdoctoral Associate | Department of Anthropology | Massachusetts Institute of Technology

The Digital Rape Complaint: Allegation Escrow Technology and the Social Dynamics of Rape Reporting, A Media Studies and Legal Theory Concern

Kelli Moore | Assistant Professor | Department of Media, Culture, & Communication | New York University

RESPONDENT

Anthony Ryan Hatch | Associate Professor | Science in Society Program | Wesleyan University

4:30PM - 6PM EDT
8:30PM - 10PM UTC

NEW AND NOTEWORTHY FROM U.S. COLLECTIONS

Organized by David C. Brock

PARTICIPANTS

David C. Brock | Computer History Museum

Deborah G. Douglas | MIT Museum

Benjamin Gross | Linda Hall Library

Henry Lowood | Stanford University Libraries

Erik Rau | Hagley Museum and Library

Amanda Wick | Charles Babbage Institute

7PM - 8:30PM EDT

EMULATING COMPUTER HISTORY TODAY

11PM - 12:30AM UTC

Organized by Melanie Swalwell

Minitel Undead: Emulation and Reenactment in Net Histories

Kevin Driscoll | Assistant Professor | Department of Media Studies | University of Virginia

Born Digital Remains: Creative Microcomputing in Australia, 1976-1992”

Melanie Swalwell | Professor | Center for Transformative Media Technologies | Swinburne University of Technology

Cynde Moya | Postdoctoral Fellow | Center for Transformative Media Technologies | Swinburne University of Technology

Psychological Software in Varied Environments: An Enumerative Approach to Historical Specificity

James Hodges | Postdoctoral Research Fellow | School of Information | University of Texas, Austin

RESPONDENT

Henry Lowood | Curator | Stanford Libraries

FRIDAY, SEPTEMBER 24 2021

9AM - 10:45AM EDT

1PM - 2:45PM UTC

BEYOND COMPUTATIONAL SCARCITY:

ALT-TECH, ALTERNATIVES, & ALTERCATIONS IN THE SOVIET CENTURY

Organized by

Benjamin Peters | Associate Professor | Department of Media Studies | University of Tulsa

Ksenia Tatarchenko | Assistant Professor of STS | Singapore Management University

Embodied Knowing in Machines: Jevons and Turing in Russian

Anya Yermakova | Visiting Lecturer | Department of the History of Science | Harvard University

Filming the Turing Test: The Absent Materiality of the Soviet Computer

Vladimir Lukin | PhD Candidate | Department of Literature | Duke University

Technology phase-outs: Lessons from the history of a Soviet computer “Ural” (1955-1990)

Zahar Koretsky | PhD Candidate | Maastricht University Science, Technology & Society

Innovation Algorithms and Discovery Machines: Genrich Altshuller’s Quest for the Hidden Logic of All Technological Systems

Diana Kurkovsky West | Visiting Lecturer | Department of History | Auburn University

11:30AM - 12:45PM EDT QUEENS OF CODE:

3:30PM - 4:45PM UTC STORIES OF THE NATIONAL SECURITY AGENCY’S COMPUTING WOMEN FROM THE 1960S, ’70S, AND ’80S

PARTICIPANTS

Eileen Buckholtz | Former NSA Computer Scientist | Director of Queens of Code Project

Nancy Welker | Former NSA Physicist

Maureen McHugh | Former NSA Computer Scientist

2PM - 3:45PM EDT

6PM - 7:45PM UTC

WHEN DEATH DEPENDS ON NETWORKED INFORMATION

Organized by Jacqueline Wernimont

“To Make Death Data Faster”: The History and Politics of the Effort to “Modernize and Automate” Mortality Statistics

Jacqueline Wernimont | Distinguished Chair of Digital Humanities and Social Engagement | Associate Professor of Film and Media Studies | Dartmouth College

Surveilling the Dead: Risk Management, Disaster Technologies, and the Digital Afterlife

Tonia Sutherland | Assistant Professor | Department of Information and Computer Sciences | University of Hawai‘i, Mānoa

Viral Memorialization: (Re)Making the Faces of AIDS and COVID-19

Marika Cifor | Assistant Professor | Information School | University of Washington

Accounting for the Dead: A History of Platform Necropolitics

Tamara Kneese | Assistant Professor | Department of Media Studies | University of San Francisco

4PM - 4:15PM EDT

SIGCIS WELCOME AND AWARDS

8PM - 8:15PM UTC

Opening Remarks and Welcome from the SIGCIS Executive Committee

Andy Russell | Professor of History | Dean of the College of Arts & Sciences | SUNY Polytechnic Institute
SIGCIS Co-Chair

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

SIGCIS Awards

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

Awarded by Rebecca Slayton | Associate Professor | Department of Science & Technology Studies | Cornell University
Chair of the Computer History Museum Prize Committee

Mahoney Prize for an Outstanding Article in the History of Computing

Awarded by Elizabeth Petrick | Associate Professor | Department of History | Rice University
Chair of the Mahoney Prize Committee

Remarks and Welcome from SIGCIS Conference Organizers

Laine Nooney | Assistant Professor | Department of Media, Culture, & Communication | New York University
SIGCIS Vice-Chair of Meetings

4:15PM - 5:45PM EDT **KEYNOTE PANEL**

8:15PM - 9:45PM UTC **STACK TRACE: THE LIMITS OF HISTORY**

PARTICIPANTS

Rayvon Fouché | Professor | Department of American Studies | Purdue University

Jason Edward Lewis | University Research Chair in Computational Media & the Indigenous Future Imaginary | Concordia University

Lisa Nakamura | Professor, Director of the Digital Studies Institute | Department of American Culture | University of Michigan

Lucy Suchman | Professor Emerita | Department of Sociology | Lancaster University

MODERATOR

Morgan G. Ames | Assistant Professor of Practice | School of Information | University of California, Berkeley

INTRODUCTIONS

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

SATURDAY, SEPTEMBER 25 2021

9AM - 10:45AM EDT
1PM - 2:45PM UTC

GLOBAL COMPUTING INFRASTRUCTURES: EMPIRE, MATERIALITY, AND CONNECTIVITY

Moderated by Nathan Ensmenger | Associate Professor

School of Informatics, Computing, and Engineering | Indiana University, Bloomington

Weak Signals: Wired Mediation and Transpacific Infrastructures of Communication

Ding-Liang Chen | Assistant Researcher | Taiwan-Asia Exchange Foundation

Everyday Algorithms: Household Management, Capital Regulation and Empire in Early Modern India

Mariam Sabri | PhD Candidate | Department of History | University of California, Berkeley

The Case of the Missing Character: Controversies over a Universal Encoding Standard

Anushah Hossain | PhD Candidate | Energy and Resources Group | University of California, Berkeley

The Dashboard Approach to Environmental Governance: Situating Microsoft's 'Planetary Computer' within the Environmental History of Computing

Matt Lukacz | Masters Student | Department of Anthropology | Columbia University

11:30AM - 1:00PM EDT HISTORIES OF DIGITAL VISUAL CULTURE

3:30PM - 5PM UTC Organized by Bernard Dionysius Geoghegan

The Computer is Not a Visual Medium: Visual Methods for Computational Materiality

Jacob Gaboury | Associate Professor | Department of Film & Media | University of California, Berkeley

Drawing Skeletons and Counting Floor Plans: Prehistories of the Digital Image

Theodora Vardouli | Assistant Professor | School of Architecture | McGill University

Digital Images as Processed Pictures

Till A. Heilmann | Researcher | Department of Media Studies | Ruhr University Bochum

RESPONDENT

Bernard Dionysius Geoghegan | Senior Lecturer | King's College London

2PM - 3:45PM EDT

6PM - 7:45PM UTC

COMPUTING AND RISK:

REDUNDANCY, ETHICS, AND DISASTER

Moderated by Joy Rohde | Associate Professor

Gerald R. Ford School of Public Policy | University of Michigan

“When All Else Fails...”: The Internet and 20th Century Communications as Disaster Media

Rory Solomon | Assistant Professor | Department of Culture & Media | The New School

Seeing Like a Supply Chain

Miriam Posner | Assistant Professor | Department of Information Studies | University of California, Los Angeles

Grades Not to be Proud of – Representative Horn’s Y2K Report Cards

Zachary Loeb | PhD Candidate | Department of History and Sociology of Science | University of Pennsylvania

Governing a Discipline: The Ethics Governance Work of the Menlo Report

Megan Finn | Associate Professor | Information School | University of Washington

Katie Shilton | Associate Professor | College of Information Studies | University of Maryland, College Park

4:30PM - 6:15PM EDT CENTRALIZATION AND CONTROL:

8:30PM - 10:15PM UTC GATHERING, MONITORING, AND SCALING

Moderated by Xiaochang Li | Assistant Professor

Department of Communication | Stanford University

Work From Home and the Automation of Control: Internet Endpoint Monitoring in Historical Perspective

Bradley Fidler | Assistant Professor | College of Arts and Letters | Stevens Institute of Technology

Kailani Jones | PhD Student | Department of Electrical Engineering & Computer Science | University of Kansas

Sarvani Patel | Cyber Associate | Aon Cyber Solutions

Alexandru Bardas | Assistant Professor | Department of Electrical Engineering & Computer Science | University of Kansas

Databanks and Citizen Privacy: What Lessons Have We Learned

Janet Toland | Associate Professor | School of Information Management | Victoria University of Wellington, New Zealand

Lauren Bennett | Postdoctoral Research Fellow | School of Information Management | Victoria University of Wellington, New Zealand

Domain Search: Prospecting the Professions

Fernando Delgado | PhD Candidate | Department of Information Science | Cornell University

Web Annotation and the Wreckage of Scalability

James Brown | Associate Professor | Department of English and Communication | Rutgers University, Camden