

SIGCIS 2015 PROGRAM

9:00 - 10:30 am: Plenary Session

Workshop and Speaker introductions by Andrew Russell (Stevens Institute of Technology)

Keynote lecture by Prof. Nathan Ensmenger (University of Indiana), **The Materiality of the Virtual: An Environmental History of Computing**

10:30 - 11:00 am: Coffee Break and Awards Ceremony

Presentation of CHM Prize and Mahoney Prize

11:00 am - 12:30 pm: Parallel Sessions I

1A. Labor, Workforce, Maintenance

Location: Room "A"

Chair and Commentator: Andrew Russell (Stevens Institute of Technology)

1. Arvid Nelsen (University of Minnesota), **Concern for the 'Disadvantaged': Computer Training Programs for Communities of Color in the Late 1960s**
2. Amy Sue Bix (Iowa State University), **Technical Work and Gendered Professionalization in the 1970s and 1980s: The Association for Women in Computing**
3. William Aspray (University of Texas at Austin), **The History of NSF Programs to Broaden Participation in Computing**
4. Lee Vinsel (Stevens Institute of Technology), **ICTs, Auto Safety, and System Maintenance: The Toyota Unintended Acceleration Recalls, 2009–2011**

(4x15 minute presentations followed by a 10-15 minute comment and general discussion)

1B. Works in Progress I

Location: Room "B"

Session Leader: Gerardo Con Diaz (Yale University)

1. Eric Hintz (Smithsonian Institution), **Susan Kare: Design Icon** [[link to paper](#)]
2. Jacob Ward (University College London), **Research Transplanted and Privatised: Post Office/British Telecom R&D in the Digital and Information Era** [[link to paper](#)]
3. Christine Mitchell (New York University), **Bright Side of a Dark Age: Developments in Machine Translation, 1966-1992** [[link to paper](#)]

(Short presentations, approx 5 minutes each, to introduce precirculated papers, to be discussed in turn by workshop participants)

12:30 - 2:00 pm: Lunch

Buffet lunch with IEEE History Committee and related SHOT SIGs.

2:00 - 3:30 pm: Parallel Sessions II

2A. The Infrastructure of Digital Archives

Location: Room "A"

Session Organizer: Giuditta Parolini (Technische Universität Berlin and Berliner Zentrum für Wissensgeschichte)

Chair and Commentator: Thomas J. Misa (Charles Babbage Institute, University of Minnesota)

1. Joseph November (University of South Carolina), **The Medical Record and the 50-Year Challenge to Computing**
2. Giuditta Parolini (Technische Universität Berlin and Berliner Zentrum für Wissensgeschichte), **From paper to bit: a digital life for the records of long-term experiments in agriculture**
3. Erik Rau (Hagley Museum and Library), **A Future for History (of Technology, Science, Medicine, and the Environment): Understanding the Challenges of Preserving Corporate Records in the Digital Era**

(3x18 minute presentations followed by a 10-15 minute comment and general discussion)

2B. Peripheral Play & Connectivity

Location: Room "B"

Session Organizer: Brent Strang (Stony Brook University)

Chair and Commentator: David Parisi (College of Charleston)

1. Reem Hilu (Northwestern University), **“The Ultimate Doll”: Microprocessor Controlled Talking Dolls and Girls’ Play Practices in the Home**
2. Brent Strang (Stony Brook University), **Peripheral Convergence Through User-Centered Design: A Case-Study of Logitech**
3. Laine Nooney (Georgia Institute of Technology), **The Infrastructure of Expertise, or What Game Engines Allow**

(3x18 minute presentations followed by a 10-15 minute comment and general discussion)

2C. Roundtable: Digital Humanities, SIGCIS, and SHOT

Location: Room "C"

Session Organizer and Chair: Kimon Keramidas (New York University)

Session Participants:

- Peter Sachs Collopy (University of Southern California)
- Marie Hicks (Illinois Institute of Technology)

- Andrew Meade McGee (University of Virginia)
- Ramesh Subramanian (Quinnipiac University)

3:30 – 4 pm: Coffee Break

4 – 5:30 pm: Parallel Sessions 3

3A. Networks and Politics

Location: Room "A"

Chair and Commentator: James Cortada (Charles Babbage Institute)

1. Andrew Schrock (University of Southern California), **From Black Hats to White Hats: Constructing the “Ethical Hacker”**
2. Bradley Fidler (UCLA), **The Emergence of Border Router Protocols and Autonomous Systems on the Internet, c. 1968-1989**
3. Gerardo Con Diaz (Yale University), **IBM and Patent Reform in the United States, 1965-1968**
4. Camille Paloque-Berges (Conservatoire National des Arts et Métiers), **Unix networks cooperation as a shadow infrastructure for an early French Internet experience (1983-1993)**

(4x15 minute presentations followed by a 10 minute comment and general discussion)

3B. Pushing the Limits

Location: Room "B"

Chair and Commentator: Thomas Haigh (University of Wisconsin-Milwaukee)

1. Eileen Clancy (City University of New York), **Abacus Computing in the Age of Electronics: Sekiko Yoshida and the Early U.S. Space Program**
2. Nicholas Lewis (University of Minnesota), **Increasing the Yield: Nuclear Testing, Weapons Strategy, and Supercomputer Selection at Los Alamos in the 1960s**
3. Devin Kennedy (Harvard University), **What was "Real" about "Real-Time"?: Time and Responsiveness in Early Post-War Computing**

(3x18 minute presentations followed by a 10-15 minute comment and general discussion)

3C. Works in Progress II

Location: Room "C"

Session Leader: Jason Gallo (Science & Technology Policy Institute)

1. Megan Finn (University of Washington), **“I am so anxious to hear”**: **improvising information infrastructure** [contact megfinn@uw.edu for a copy of the paper]
2. Rebecca Miller (Science & Technology Policy Institute), **Communication of Disaster-Related Information** [[link to paper](#)]
3. Quinn Dupont (University of Toronto), **Plaintext, Encryption, Ciphertext: A History of Cryptography and its Influence on Contemporary Society** [[link to paper](#)]

(Short presentations, approx 5 minutes each, to introduce precirculated papers, to be discussed in turn by workshop participants)

5:30 - 6:15 pm: Time to Recover

6:15 pm: Meet for optional dinner at nearby restaurant