

SIGCIS 2010 WORKSHOP PROGRAM

Schedule: Pavillion E Room Pavillion F Room 9:00-10:30

Opening Plenary (Pavillion F):

- Introduction to the Workshop and its Theme by Thomas Haigh, University of Wisconsin-Milwaukee
- Keynote Address: "**Friction: Rethinking Speed, Power, and Possibility in the History of Information Infrastructures**" by Paul Edwards, University of Michigan

10:30-10:45 Coffee break 10:45-12:00

Roundtable: Computers, Information and Society in the Classroom

- Andrew Russell, Stevens Institute of Technology (chair & organizer)
- Nathan Ensmenger, University of Pennsylvania
- Rebecca Slayton, Stanford University

(Short presentations to introduce pre circulated documents, followed by general discussion).

Consolidated file of syllabi **now available for download.**

Examining the Interaction of Speculative Literature and Computing: Toward a Research Agenda

- David L. Ferro, Weber State University (chair & organizer) **full text**
- Janet Abbate, Virginia Tech **full text**
- Eric G. Swedin, Weber State University **full text**
- Thomas Haigh, University of Wisconsin-Milwaukee **full text**

(Short presentations to introduce pre circulated documents, followed by general discussion)

12:00-1:30 Lunch break (group lunch option TBA) 1:30-3:3

Dissertations In Progress

Chair/Commentator: Paul Edwards, University of Michigan

- "**The Akademgorodok Computing Center (1958-1990)**" Ksenia Tatachenko, Princeton University. **full text**
- "**Digital Equipment's Rise and Fall, Could it Have Been Avoided?**" Dave Goodwin, Birkbeck College London. **full text**
- "**A History and Ethnography of the Cocoa Software Community.**" Hansen Hsu, Cornell University. **full text**
- "**Connecting Minds in a Multimedia Episteme: The Academic Supercomputer Centers and the Construction an Advanced Cognitive Infrastructure for the U.S. Research Community: 1983-1993**" Kevin Walsh, University of California, San Diego. **full text**

(Short presentations to introduce pre circulated dissertation proposals, to be discussed in turn by workshop participants)

Traditional Papers: Teaching & Showing

Chair: Olga Pantelidou, National Technical University of Athens

Commentator: Rebecca Slayton, Stanford University

- **“The PLATO Computer-Based Education System: Teacher's Tool or Teacher?”**

Christopher McDonald, Princeton University.

- **“Car Navigation Systems – A History of Associative Clusters.”** Tristan Thielmann, University of Siegen.

- **“A Material History of Bits.”** Jean-François Blanchette, UCLA.

- **“Museums and the Material Culture of Video Games.”** Petrina Foti, Smithsonian NMAH.

(4x20 minute presentations followed by a 10-15 minute comment and general discussion) 3:30-4:00 Coffee break

(Demonstration of the "IT History Society Archival Database," Jeffery Stein, IT History Society). 4:00-6:00

Works in Progress

Chair/Commentator: Tristan Thielmann, University of Siegen

- **“Making Computers Logical: Edmund Berkeley’s promotion of logical machines.”** Mai Sugimoto, Kyoto University. **full text**

- **“Technological system or military-industrial-complex – the diffusion of numerically controlled machine tools in Sweden, 1950–1970.”** Gustav Sjöblom, Chalmers University of Technology.

- **“Meta Filter: Coming to Agreement with Interactive Computer Technology.”** Sharon Irish, UIUC. **full text**

(Short presentations to introduce pre circulated papers, to be discussed in turn by workshop participants)

Traditional Papers: Place & Space

Chair: Ann Johnson, University of South Carolina.

Commentator: Peter Meyer, Bureau of Labor Statistics.

- **“The Material History of Digital Electronics: The Development of Silicon Manufacturing Technology at Fairchild Semiconductor.”** David C. Brock, Chemical Heritage Foundation & Christophe Lecuyer, University of California.

- “‘The World Looks to Britain’: Technology Transfer, Heterogeneous Engineering, and British Computing Companies’ Attempt to Capture the Indian Market, 1955-1965.” Marie Hicks, Duke University.
- “‘Wat’ Forever: Computing Education at the University of Waterloo.” Scott M. Campbell, University of Waterloo.
- “Materiality, modernity and space: The British banks and their computer centres, 1961–1963.” Ian Martin, Open University & University of Manchester.

(4x20 minute presentations followed by a 10-15 minute comment and general discussion)

Dinner: An optional group dinner will be held following the workshop for those eager to continue conversation over food.

Sponsorship: SIGCIS wishes to thank the following organizations and individuals for donations made specifically to fund travel awards and other costs for this workshop.

- Richard S. Tedlow of Harvard Business School, on behalf of the Computer History Museum, \$1,000
- The MIT Press, \$800 raised from donated books
- School of Information Studies, University of Wisconsin, Milwaukee, \$500
- IT History Society, \$200