

ANDREW L. RUSSELL, PH.D.

College of Arts & Sciences
SUNY Polytechnic Institute
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Utica, New York, 13502

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revised: August 17, 2016

EMPLOYMENT

- 2016-present **SUNY Polytechnic Institute** Utica and Albany, New York
Professor of History and Dean, College of Arts & Sciences
- 2008-2016 **Stevens Institute of Technology** Hoboken, New Jersey
College of Arts & Letters
2015-2016: Chief Academic Officer
2014-2016: Associate Professor of History
2012-2016: Director, Program in Science and Technology Studies
2008-2014: Assistant Professor of History

EDUCATION

- 2003-2007 **The Johns Hopkins University** Baltimore, Maryland
Ph.D., Program in the History of Science, Medicine, and Technology
Fields: Business and Economic History, History of Communications
- 1999-2003 **University of Colorado at Boulder** Boulder, Colorado
M.A. History
Fields: American Political and Diplomatic History,
Cultural and Intellectual History, Telecommunications Law and Policy
- 1992-1996 **Vassar College** Poughkeepsie, New York
B.A. History

FELLOWSHIPS, GRANTS, AND AWARDS

- 2010 & 2014 Arthur L. Norberg Travel Grant, Charles Babbage Institute, University of Minnesota
2013 Curriculum Development Grant, National Institute for Standards and Technology
2011 & 2013 History Fellowship, Association for Computing Machinery
2011 Research Grant, IEEE Computer Society History Committee
2010 History Fund Grant Award, American Society for Information Science and Technology
2009 Finalist, Herman E. Krooss Prize for the Best Dissertation in Business History
2008-2009 IEEE Life Members' Fellowship in Electrical History
2007-2008 Post Doctoral Fellowship, John Hope Franklin Humanities Institute, Duke University
2006-2007 The Adelle and Erwin Tomash Fellowship in the History of Information Processing,
Charles Babbage Institute, University of Minnesota
2006 Commended Paper, International Electrotechnical Commission Centenary Challenge
2006 First place, World Standards Day Paper Competition
2006 Business History Conference Newcomen Dissertation Colloquium
2006 Newcomen Society Travel Grant, Business History Conference
2005 SHOT Travel Grant, Society for the History of Technology
2002 Department of Interdisciplinary Telecommunications Graduate Fellowship,
University of Colorado at Boulder
2002 ICOHTEC Travel Award, Society for the History of Technology
2002 Graduate Student Travel Award, Dean's Fund for Excellence, College of Arts and Sciences,
University of Colorado at Boulder
2001 Pile and Lefforge Graduate Research Grant, Department of History,
University of Colorado at Boulder

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PUBLICATIONS: BOOKS

Ada's Legacy: Cultures of Computing from the Victorian to the Digital Age (ACM Press, 2015)
– co-editor with Robin Hammerman

Open Standards and the Digital Age: History, Ideology, and Networks (Cambridge University Press, Cambridge Series in the Emergence of Global Enterprise, 2014)

Reviewed in *American Historical Review*; *Business History Review*; *IEEE Annals of the History of Computing*; *Information & Culture*; *IEEE Micro*; *Isis*; *Les Temps des Medias*; *Afterimage*

PUBLICATIONS: JOURNAL ARTICLES

“Standardization, the Humanities, and Design: Strategies for Student Engagement,” *Standards Engineering: The Journal of the Standards Engineering Society* 67 (May/June, 2015): 11-13 – co-authored with Lee Jared Vinsel.

“Histories of the Internet: Introducing the Special Issue,” *Information & Culture: A Journal of History* 50 (May-June 2015) – co-authored with Thomas Haigh and William H. Dutton.

“In the Shadow of Arpanet and Internet: Louis Pouzin and the Cyclades Network in the 1970s,” *Technology & Culture* 55 (2014): 880-907 – co-authored with Valérie Schafer.

“Using Ethical Reasoning to Amplify the Reach and Resonance of Professional Codes of Conduct in Training Big Data Scientists,” *Science and Engineering Ethics* (November 2014) – co-authored with Rochelle E. Trachtenberg, Gregory J. Morgan, Kevin T. FitzGerald, Jeff Collman, Lee Vinsel, Michael Steinmann, and Lisa M. Dolling.

“The Internet That Wasn’t,” *IEEE Spectrum* 50 (August 2013): 38-43.

“Modularity: An Interdisciplinary History of an Ordering Concept,” *Information & Culture: A Journal of History* 47 (2012): 257-287.

“Standards, Networks, and Critique,” *IEEE Annals of the History of Computing* 34 (2012): 78-80.

“‘Industrial Legislatures’: Consensus Standardization in the Second and Third Industrial Revolutions,” *Enterprise and Society* 10 (2009): 661-674.

“Standardization Across the Boundaries of the Bell System, 1920-1938,” *History of Technology* 28 (2008): 37-52.

“Dot-Org Entrepreneurship: Weaving a Web of Trust,” *Enterprises et Histoire* 51 (June 2008): 44-56.

“Industrial Legislatures: The American System of Standardization,” *Standards Engineering: The Journal of the Standards Engineering Society* 58 (September/October 2006): 1-10.
[First Prize, 2006 World Standards Day Paper Competition]

“‘Rough Consensus and Running Code’ and the Internet-OSI Standards War,” *IEEE Annals of the History of Computing* 28 (July-September 2006): 48-61.

“Telecommunications Standards in the Second and Third Industrial Revolutions,” *The Journal of the Communications Network* 5 (January-March 2006): 100-106.

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PUBLICATIONS: CHAPTERS IN EDITED VOLUMES

“Bancroft Gherardi and the Monopoly Bell System: Pioneers in Information Technology Standardization,” in Toni Carbo and Trudi Bellardo Hahn, eds., *International Perspectives on the History of Information Science and Technology* (Medford, New Jersey: American Society for Information Science & Technology, 2012).

“Constructing Legitimacy: the W3C’s Patent Policy,” in Laura DeNardis, ed., *Opening Standards: The Global Politics of Interoperability* (Cambridge: MIT Press, 2011).

“Industrial Legislatures: The American System of Standardization,” in *International Standardization as a Strategic Tool* (Geneva: International Electrotechnical Commission, 2006).
[Commended Paper, IEC Centenary Challenge]

“Standardization in History: A Review Essay with an Eye to the Future,” in Sherrie Bolin, ed., *The Standards Edge: Future Generations* (Ann Arbor, Michigan: Sheridan Books, 2005).

PUBLICATIONS: ORAL HISTORIES

Oral History Interviews deposited at the Charles Babbage Institute, University of Minnesota, Minneapolis.

- Andre Danthine, April 6, 2012, Liege, Belgium.
- Gérard Le Lann, April 3, 2012, Paris, France.
- Jean-Louis Grangé, April 3, 2012, Paris, France.
- Michel Gien, April 3, 2012, Paris, France.
- Louis Pouzin, April 2, 2012, Paris, France.
- Najah Naffah, April 2, 2012, Paris, France.
- Marc Levilion, April 2, 2012, Paris, France.
- Tilly Bayard-Richard, April 1, 2012, Paris, France.
- David L. Mills, February 26, 2004, Newark, Delaware.

Oral History Interview with Charles Bachman, April 9, 2011, Boston, Massachusetts. IEEE Computer Society History Committee.

PUBLICATIONS: BOOK REVIEWS

Review of *Faxed: The Rise and Fall of the Fax Machine*, by Jonathan Coopersmith, *Economic History Review* (forthcoming).

Review of *Arguments that Count: Physics, Computing, and Missile Defense, 1949-2012*, by Rebecca Slayton, *Journal of American History* 101:2 (2014), 657-658.

Review of *Instrumental Community: Probe Microscopy and the Path to Nanotechnology*, by Cyrus C. M. Mody, *Enterprise & Society* 15:2 (2014), 403-405.

Review of *The HP Phenomenon: Innovation and Business Transformation*, by Charles House and Raymond Price, *The Business History Review* 85:4 (2011): 813-815.

Review of *Sustainable Prosperity in the New Economy? Business Organization and High-Tech Employment in the United States*, by William Lazonick, *Enterprise & Society* 11:4 (2010): 848-851.

Review of *Two Bits: The Cultural Significance of Free Software*, by Christopher Kelty, *Technology & Culture* 50:4 (2009): 964-966.

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ONLINE PUBLICATIONS

“Hail the Maintainers” (with Lee Vinsel), *Aeon*, April 7, 2016.

“Nothing Special: Standards, Infrastructure, and Maintenance in the Great Age of American Innovation,” April 28, 2015. Committee on the Anthropology of Science, Technology, and Computing (CASTAC). Available from <http://blog.castac.org/2015/04/nothing-special/>.

“The Open Internet: An Interview with Andrew L. Russell,” May 12, 2015. Digital Culture and Media Initiative, Pennsylvania State University. Available from <http://dcmi.la.psu.edu/andrew-russell-speaker-interview/>.

“Lessons and Cautionary Tales from the History of Standardization,” *IEEE Standards Education e-Magazine*, Vol. 2 No. 4, December 2014. Available from <https://iee-elearning.org/outreach/mod/book/view.php?id=4556&chapterid=536>.

“The Internet’s History Isn’t As ‘Open’ As You Think,” May 21, 2014. Slate.com Future Tense. Available from <http://tinyurl.com/q9vfxa7>.

“The Betrayal of the Internet Imaginaire,” September 12, 2013. American Science – A Team Blog. Available from <http://americanscience.blogspot.com/>.

“Five Perspectives on Interviewing: A Roundtable Discussion” (with Matthias Bärwolff, Andreu Veà, David Walden, and Jeffrey Yost), April 11, 2011. IEEE Computer Society History Committee. Available from <http://www.computer.org/portal/web/volunteercenter/history>.

“March Away From Google: An Experiment in Choice.” Available from <http://marchawayfromgoogle.wordpress.com>.

ANDREW L. RUSSELL, PH.D.

TEACHING EXPERIENCE

Stevens Institute of Technology – Undergraduate Teaching

United States History to 1865 (Fall 2009, 2010, 2011, 2012, 2013, 2014, 2015)
United States History since 1865 (Spring 2010, 2011, 2012, 2013, 2014, 2015)
Introduction to Science & Technology Studies (Fall 2013)
Science and Technology in World History (Fall 2008 and Spring 2009)
Computers & Society (Fall 2009, Fall 2010, Fall 2011)
Studies in the History of Technology (Spring 2010)
Technology & Society in America (Spring 2009 and Spring 2011)
Industrial America (Spring 2012)
Research and Innovation Policy (Spring 2013, 2014, 2015)
Standardization and Society (Fall 2014)

Stevens Institute of Technology – Graduate Teaching

Research and Innovation Policy (Spring 2013, Spring 2014, Fall 2014)
History of Modern Science & Technology (Spring 2015)
MA Thesis (Spring 2015)

Teaching Assistant, The Johns Hopkins University

The Rise of Modern Science (Spring 2006)
The City: A Multidisciplinary Perspective (Fall 2005)
Science and Utopia (Spring 2005)
The Natural and the Artificial (Fall 2004)

Instructor, University of Colorado at Boulder

Images of Culture: Technology, Media, and American Memory (Summer 2003)
The Meaning of Information Technology (Fall 2002 and Spring 2003)

Teaching Assistant, University of Colorado at Boulder

Economic and Policy Aspects of Telecommunications (Fall 2002)
The Future of Technology, Arts, and Media (Spring 2002)
United States History until 1865 (Fall 2001)
United States, 1865-present (Fall 1999)

SELECTED WORK EXPERIENCE IN HIGHER EDUCATION

The Johns Hopkins University

2004-2007 Webmaster, Program in the History of Science, Medicine, and Technology
2005 Multimedia Specialist, Center for Educational Resources

University of Colorado at Boulder

2000-2003 Program Assistant, Silicon Flatirons Telecommunications Program
1999-2002 Assistant Technology Coordinator, Arts and Humanities
2000 Faculty Tutor, Faculty Teaching Excellence Program

Harvard University, John F. Kennedy School of Government

1997-1999 Staff Assistant, Harvard Information Infrastructure Project and
Faculty Assistant for Professors Lewis Branscomb and Harvey Brooks

SOFTWARE

Proficient: Dreamweaver, Photoshop; **Experienced:** Final Cut Pro, iMovie

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PROFESSIONAL SERVICE

Stevens Institute of Technology

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| 2016 | Steering Committee, NSF ADVANCE Grant at Stevens |
| 2015-2016 | Academic Planning and Resources Committee |
| 2015 | Search Committee for Dean, College of Arts & Letters |
| 2012-2016 | Curriculum Committee, College of Arts & Letters |
| 2011-2016 | Student-Faculty Alliance |
| 2008-2016 | Various Faculty Search Committees, College of Arts & Letters |
| 2008-2016 | Advisor and Reader for Senior Thesis projects, College of Arts & Letters |
| 2013-2015 | Institute Curriculum Committee |
| 2013-2015 | Undergraduate Studies Committee |
| 2010-2014 | Academic Appeals Committee |
| 2011-2012 | Graduate Curriculum Committee |
| 2008-2010 | Curriculum Committee, College of Arts & Letters |

Editorial Boards

| | |
|--------------|--|
| 2016-present | Editorial Board Member, <i>Internet Histories: Digital Technology, Culture & Society</i> |
| 2015-present | Contributing Editor, <i>Technology & Culture</i> |
| 2014-present | Editorial Board Member, <i>Information & Culture: A Journal of History</i> |
| 2011-present | Reviews Editor, <i>IEEE Annals of the History of Computing</i> |
| 2010-2011 | Associate Editor, <i>IEEE Annals of the History of Computing</i> |

Other Professional Service

| | |
|--------------|---|
| 2016-present | Member, Nominations Committee, Society for the History of Technology |
| 2014-present | Chair, Special Interest Group on Computers, Information, and Society (SIGCIS) |
| 2013-present | Member, American National Standards Institute Committee on Education |
| 2012-present | Member, Executive Board, Special Interest Group on Computers, Information, and Society (SIGCIS) |
| 2012-present | Corresponding Member, IEEE History Committee |
| 2010-present | Member, IEEE Computer Society History Committee |
| 2012 | Member, Leonardo da Vinci Prize Committee, Society for the History of Technology |
| 2009-2012 | Joan Cahalin Robinson Prize Committee, Society for the History of Technology (Committee Chair, 2012) |
| 2005 | Graduate Student Representative, Faculty Advisory Board for Teaching Assistant Training, The Johns Hopkins University |
| 2003-2005 | Member, Graduate Representative Organization, The Johns Hopkins University |

Peer reviewer for the National Science Foundation, Netherlands Organisation for Scientific Research, The MIT Press, *Business and Politics*, *Enterprise and Society*, *Technology and Culture*, *Business History Review*, *Engineering Studies*, *Information and Culture*, and *IEEE Annals for the History of Computing*.

Featured in media coverage at CNN.com, History News Network (hnn.us), *Motherboard*, *Scientific American*, *Tech Republic*, the *Baltimore Sun*, NBC, Fox News, and Salon.com.

PROFESSIONAL MEMBERSHIPS

American Historical Association
American Studies Association
Business History Conference
Hoboken Historical Society
Organization of American Historians
Society for the History of Technology

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ACADEMIC PRESENTATIONS: INVITED LECTURES

“Maintaining the Internet: Information Labor and the Dangers of Net Neutrality,” Humanities Forum, Stevens Institute of Technology, March 2, 2016.

“Open Standards and the Digital Age,” IEEE Standards Association Board of Governors, New Brunswick, New Jersey, December 7, 2015.

“The Open Internet: An Exploration in Network Archaeology,” Center for Digital Culture and Media, Pennsylvania State University, January 29, 2015.

“Design for Standardization” (with Lee Vinsel), National Institute of Standards and Technology, Gaithersburg, Maryland, November 14, 2014.

“The Triumph of the Internet and the Failures of Democratic Systems,” Center for Science Writing, Stevens Institute of Technology, October 22, 2014.

Conference on *Open Standards and the Digital Age*, New York University Law School, September 15, 2014.

Panel Commentary, “Epistemologies of Information Management,” Annual Meeting of the Society for the History of Technology, Portland, Maine, October 12, 2013.

“A Non-Linear History of Computer Networks,” Humanities Forum, Stevens Institute of Technology, October 10, 2012.

“Histories of Computer Networking: Autocracy, Democracy, and Critique,” Institute of Communication Sciences of the National Center for Scientific Research (CNRS-ISCC), Paris, France, April 3, 2012.

Plenary Speaker, “Community and Culture in the History of Computing,” Workshop for the Special Interest Group for Computers, Information, and Society (SIGCIS), Cleveland, Ohio, November 6, 2011.

Panel Commentary, “Regulation and Knowledge: Better Knowing Through Science,” Business History Conference, St. Louis, Missouri, April 1, 2011.

Panel Commentary, “Computers as Scientific Instruments: Technologies, Scientific Practices, and Social Structures,” History of Science Society, Montreal, November 7, 2010.

Commentary on Sarah Bridger, “Scientists and the Ethics of Atomic Weapons Research in the Vietnam War Era,” New York University Center for the United States and the Cold War, November 12, 2009.

“The Bell System and the Significance of the Mundane,” Workshop on Instruments in Manufacturing, Rice University, June 16-17, 2009.

“‘Industrial Legislatures’: Consensus Standardization in the Second and Third Industrial Revolutions,” Krooss Prize Plenary Session, Business History Conference, Milan, Italy, June 12, 2009.

“Are Modular Systems Postmodern?” Humanities Forum, Stevens Institute of Technology, April 29, 2009.

“The Elsewhere Museum as a Modular System,” Recycle: Cultural Appropriation of Everyday Objects, John Hope Franklin Humanities Institute, Duke University, April 16, 2008.

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ACADEMIC PRESENTATIONS: INVITED LECTURES (CONTINUED)

“The Evolution of Communication Networks: Technologies, Organizations, and Standards,” Humanities Forum, Stevens Institute of Technology, March 12, 2008.

“Modularity: The Modern Architecture of Postmodern Technologies,” John Hope Franklin Humanities Institute, Duke University, March 4, 2008.

“Under the Hood: Standards and Standard-Setting,” The Internet in a Changing World, Department of International Affairs, Georgetown University, September 13, 2006.

“The Politics of Standards: Ideology and Innovation in Cellular Networks,” Colloquium in the History of Science, Medicine, and Technology, The Johns Hopkins University, Baltimore, Maryland, March 31, 2005.

“Authority, Legitimacy, and Effectiveness in Internet Standards,” Department of Interdisciplinary Telecommunications, University of Colorado at Boulder, May 2, 2003.

“Rough Consensus and Running Code: Lessons from Cultural and Historical Research,” Telecommunications Research Group, University of Colorado at Boulder, October 18, 2002.

ACADEMIC PRESENTATIONS: CONFERENCE PRESENTATIONS

“Maintaining the Internet,” The Maintainers, Stevens Institute of Technology, April 7, 2016.

“The Entrepreneurs Take Command: Commercial Foundations of Computer Networking, 1968-1988,” Business History Conference, Portland, Oregon, April 2, 2016.

“Modular Design: Project Tinkertoy and the Building Materials of the Information Age,” Society for the History of Technology, Albuquerque, New Mexico, October 10, 2015.

“The Ideological Origins of Open Standards: Industrial Legislatures and Digital Networks,” Law and Society Association, Seattle, Washington, May 29, 2015.

“Standardization, Diversity, and the Digital Age,” American Historical Association, New York, New York, January 3, 2015.

“The ARPANET, the Internet, and the Defense Communication Agency” (with Bradley Fidler), Society for the History of Technology, Dearborn, Michigan, November 8, 2014.

“Standardization, the Humanities, and Design: Strategies for Student Engagement,” International Cooperation for Education about Standardization, Ottawa, Canada, August 14, 2014.

“Accreditation and the Boundaries of Computer Science, 1984-1999,” Business History Conference, Frankfurt, Germany, March 15, 2014.

“Open Systems and the Critique of the Closed World,” New Technologies and Cultures of Communication in the 19th and 20th Centuries, German Historical Institute, Washington, DC, May 11, 2013.

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ACADEMIC PRESENTATIONS: CONFERENCE PRESENTATIONS (CONTINUED)

“The Dynamic Interplay Between Standards and Routines: AT&T in the 1920s and Auto Emissions in the 1970s” (with Lee Vinsel), *Getting it Organized: Routines in Business History*, Wharton School, University of Pennsylvania, April 20, 2013.

“The Dynamic Interplay Between Standards and Routines: Lessons from Government and Industry” (with Lee Vinsel), *Getting it Organized: Routines in Business History*, Wharton School, University of Pennsylvania, November 10, 2012.

“Bancroft Gherardi and the Monopoly Bell System: Pioneers in Information Technology Standardization,” *History of ASIS&T and Information Science and Technology Worldwide*, Baltimore, Maryland, October 27, 2012.

“Histories of Networking and the History of the Internet,” Workshop for the Special Interest Group for Computers, Information, and Society (SIGCIS), Copenhagen, Denmark, October 7, 2012.

“Graybeards versus Sock-Puppets: Mistrust and Consensus in a Community of Internet Engineers,” *Organization of American Historians*, Milwaukee, Wisconsin, April 20, 2012.

“An Interdisciplinary History of Open Systems,” Annual Meeting of the Society for the History of Technology, Cleveland, Ohio, November 5, 2011.

“Trust, Mistrust, and the Internet’s Constitution,” American Studies Association, San Antonio, Texas, November 19, 2010.

“Notes on ‘Computers & Society’ at Stevens Tech,” Workshop for the Special Interest Group for Computers, Information, and Society (SIGCIS), Tacoma, Washington, October 3, 2010.

“Modularity Reformed: From Building Blocks to Business Schools,” Annual Meeting of the Society for the History of Technology, Pittsburgh, Pennsylvania, October 18, 2009.

“Standardization Across the Boundaries of the Bell System, 1920-1938,” Annual Meeting of the Society for the History of Technology, Washington, DC, October 20, 2007.

“Dot-org Entrepreneurship: Sir Tim Berners-Lee and the World Wide Web Consortium,” Business History Conference, Cleveland, Ohio, June 1, 2007.

“P.G. Agnew and the Consensus Principle for American Industrial Standards,” Business History Conference, Toronto, June 9, 2006.

“Telecommunications Standards in the Second and Third Industrial Revolutions,” *Cross-connexions: Communications, Society, and Change*, London, November 12, 2005.

“‘Market incentives may already be sufficient’: Coordination Mechanisms for Cellular Standards,” Annual Meeting of the Society for the History of Technology, Minneapolis, Minnesota, November 4, 2005.

“Technology and Hierarchy in Europe and the United States: Standardization in Digital Mobile Networks,” The Fifth Annual Harvard Graduate Student Conference on International History, Cambridge, Massachusetts, March 18, 2005.

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ACADEMIC PRESENTATIONS: CONFERENCE PRESENTATIONS (CONTINUED)

“The W3C and its Patent Policy Controversy: A Case Study of Authority and Legitimacy in Internet Governance,” TPRC 2003: 31st Conference on Communication, Information, and Internet Policy, Alexandria, Virginia, September 20, 2003.

“Medium and Message: Balancing Hands-on Technology and Academic Inquiry in the Classroom” (with Diane Sieber, Andrew Cowell, Mark Winokur, and Mark Werner), University of Colorado Teaching with Technology Conference, Denver, Colorado, August 13, 2003.

“The ARPANET as an Artifact of Cold War Consensus: 1957-1969,” Society for the History of American Foreign Relations, Washington, DC, June 7, 2003.

“Ethical and Political Dimensions of the World Wide Web Consortium” Science and Technology Studies Workshop on Technology and Ethics, Virginia Tech, March 28, 2003.

“From ‘Kitchen Cabinet’ to ‘Constitutional Crisis’: the Politics of Internet Standards, 1973-1992,” International Committee on the History of Technology (ICOHTEC), Granada, Spain, June 27, 2002.

“J. C. R. Licklider and the ‘Consensus’ Roots of the Internet, 1957-1965,” Rocky Mountain Interdisciplinary History Conference, January 25, 2002.

“Ideological and Policy Origins of the Internet, 1957-1969,” TPRC 2001: 29th Conference on Communication, Information, and Internet Policy, Alexandria, Virginia, October 28, 2001.

“Is the Internet Different? Some Reflections on History and the Governance of Technology,” Rocky Mountain Interdisciplinary History Conference, Boulder, Colorado, September 23, 2000.

CONFERENCES ORGANIZED

Conference Co-organizer (with Lee Vinsel), “The Maintainers,” Stevens Institute of Technology, April 7-9, 2016.

Workshop Chair, “Infrastructures: SIGCIS 2015 Workshop,” Albuquerque, New Mexico, October 11, 2015.

Workshop Chair, “Computing the Big Picture: Situating Information Technology in Broader Historical Perspectives,” Dearborn, Michigan, November 9, 2014.

Workshop Chair, “Information Identities: Historical Perspectives on Technological and Social Change,” Copenhagen, Denmark, October 7, 2012.

Conference Co-organizer and Webmaster, Rocky Mountain Interdisciplinary History Conference, Boulder, Colorado, 2000, 2001, and 2002.

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CONFERENCE PROGRAM COMMITTEES

IEEE-SIIT 2015, The 9th International Conference on Standardization and Innovation in Information Technologies, Sunnyvale, California, October 6-8, 2015.

Time(s) and Temporalities of the Web, Paris, France, December 1-3, 2015.

CONFERENCE PANELS ORGANIZED AND/OR CHAIRED

Panel Organizer, "Ordering Concepts of Information Technologies," Society for the History of Technology, Albuquerque, New Mexico, October 10, 2015.

Panel Organizer, "Computer Networks in Africa and Latin America," Society for the History of Technology, Albuquerque, New Mexico, October 10, 2015.

Panel Organizer, "Computer Users, Experts, and Citizens," Society for the History of Technology, Albuquerque, New Mexico, October 10, 2015.

Panel Organizer, "The History of Engineering and the Engineering of History," American Historical Association, New York, New York, January 3, 2015.

Panel Organizer, "Stories about Computers and Networks," Society for the History of Technology, Dearborn, Michigan, November 8, 2014.

Panel Organizer, "Beyond the Machine: Applications of Information Technologies," Society for the History of Technology, Dearborn, Michigan, November 8, 2014.

Panel Chair, "Steampunk Literature," Ada Lovelace: An Interdisciplinary Conference Celebrating Her Achievements and Legacy, Stevens Institute of Technology, October 18, 2013.

Co-Organizer (with Society of Women Engineers) and Chair, "The Journey of Women in the Fields of Science & Technology," Stevens Institute of Technology, April 22, 2013.

Co-Organizer (with Lee Vinsel) and Chair, "Learning from Sandy: Science, Politics, and Social Justice," Stevens Institute of Technology, April 3, 2013.

Panel Organizer, "'Terms of Service': Limitations on Individual Choice in a Networked World," Stevens Institute of Technology, January 30, 2013.

Co-Organizer (with Lee Vinsel) and Chair, "Hurricane Sandy in Perspective: Reflections from Science and Technology Studies," Stevens Institute of Technology, November 28, 2012.

Panel Organizer, "Computers, Information, and Society in the Classroom," Workshop for the Special Interest Group for Computers, Information, and Society, Tacoma, Washington, October 3, 2010.

Panel Chair, "The Computings of Science," Mike Mahoney and the Histories of Computing(s), Pittsburgh, Pennsylvania, October 18, 2009.

Co-organizer (with Hyungsub Choi), "Technological History of the 'Third Industrial Revolution,'" Society for the History of Technology, Pittsburgh, Pennsylvania, October 17, 2009.

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CONFERENCE PANELS ORGANIZED AND/OR CHAIRED (CONTINUED)

Panel Chair, “Advanced Technologies and Their Impact,” Science, Technology, and the Humanities: A New Synthesis, Stevens Institute of Technology, April 25, 2009.

Panel Organizer, “Standardizing Technology: Lessons Learned,” Society for the History of Technology, Lisbon, Portugal, October 2008.

Panel Organizer, “Setting Standards for Communication Technologies,” Society for the History of Technology, Washington, DC, October 2007.

Panel Organizer, “Standardization as Entrepreneurship,” Business History Conference, Cleveland, Ohio, June 2007.

Panel Organizer, “Setting American and International Standards, 1900-1950,” Business History Conference, Toronto, Canada, June 2006.