

Welcome

The **ACM Web Science 2014 Conference** was hosted on the beautiful campus of Indiana University, Bloomington from June 23 to June 26, 2014.

Web Science studies the vast information network of people, communities, organizations, applications, and policies that shape and are shaped by the Web, the largest artifact constructed by humans in history. Computing, physical, and social sciences come together, complementing each other in understanding how the Web affects our interactions and behaviors.

ACM Web Science 2015 will be held in Oxford, United Kingdom. Previous editions of the conference were held in **Athens** in 2009, **Raleigh, NC** in 2010, **Koblenz** in 2011, **Evanston, IL** in 2012, and **Paris** in 2013.

The **Proceedings of ACM Web Science 2014** are available on the **ACM digital library**.



Awards

Best poster: *What Balkanizes the Internet? Access Denied or Access Unwanted.* Harsh Taneja (University of Missouri); Angela Xiao Wu (Northwestern University); Sushant Tripathy (Northwestern University).

Best lightning talk: *Towards Laws of the 3D-printable Design Web.* Spiros Papadimitriou (Rutgers

University); Evangelos Papalexakis (Carnegie Mellon University).
Menczer (Indiana University); Alessandro Flammini (Indiana University).

Keynotes



Wendy Hall

Dame Wendy Hall is a Professor of Computer Science at the University of Southampton, UK, and Dean of the Faculty of Physical and Applied Sciences. She has been a pioneer in the development of research on multimedia and hypermedia, digital libraries, Semantic Web, and the emerging discipline of Web Science. Her current research includes applications of the Semantic Web and exploring the interface between the life sciences and the physical sciences. In addition to her PhD from Southampton, Hall has honorary degrees from Oxford Brookes University, Glamorgan University, Cardiff University, the University of Pretoria, and the University of Sussex. She has

served as Head of the School of Electronics and Computer Science at Southampton, Senior Vice President of the Royal Academy of Engineering, member of the UK Prime Minister's Council for Science and Technology, founding member of the Scientific Council of the European Research Council, President of the British Computer Society, and President of the ACM. She is a Fellow of the ACM, the Royal Society, the British Computer Society, the Institution of Engineering and Technology, the City and Guilds, and a Dame Commander of the Order of the British Empire. Through these UK and international leadership roles, Dame Wendy Hall has played a prominent role in shaping science and engineering policy and education. Various news organizations have listed her among the most influential women in IT and in the UK. Among her many honors we note the Anita Borg Award for Technical Leadership. Hall is a Founder and the Managing Director of the Web Science Trust.



JP Rangaswami

JP Rangaswami is Chief Scientist at Salesforce.com. He studied Economics and Statistics at St. Xavier's College, University of Calcutta, specializing in developmental economics. With a background in economics and financial journalism, Rangaswami has been a technology innovator and chief information officer for major financial firms, such as British Telecom and Dresdner Kleinwort Wasserstein. Rangaswami was named CIO of the Year by Waters Magazine and CIO Innovator of the Year by the European Technology Forum. He was named among technology's 50 most influential individuals in the Silicon.com Agenda Setters poll and ranked 18th among

Wired Magazine's most influential digital power brokers. He is a fellow of the Royal Society of Arts and the British Computer Society. Rangaswami is an outspoken advocate of open source and using emerging and disruptive technologies to improve information sharing, education, and collaboration. He has been a leading force in the success of multiple startups, including School of Everything, Salesforce.com, and Ribbit. Rangaswami is passionate (and blogs) about how work is changing: the paradigms created by globalisation, disintermediation, and the Web; publishing, search, fulfillment, and conversation; interactions between telephony, wireless internet, and mobile devices; intellectual property rights and DRM; and how information creates value by being shared, how it is enriched and

property rights and DRM, and how information creates value by being shared, how it is enriched and corrupted.



Laura DeNardis

Laura DeNardis is a scholar of Internet architecture and governance and a Professor of Communication at American University in Washington, D.C. She is an affiliated fellow of the Yale Information Society Project and served as its Executive Director from 2008-2011. She is a co-founder and co-series editor of the MIT Press Information Society book series and currently serves as the Vice-Chair of the Global Internet Governance Academic Network. She has previously taught at New York University, in the Volgenau School of Engineering at George Mason

University, and at Yale Law School. With a background in information engineering (Cornell University) and doctoral training in Science and Technology Studies (Virginia Tech), DeNardis is an expert consultant in Internet governance and architecture to Fortune 500 companies, foundations, and government agencies. In the 1990s she was the President of Internet strategy consultancy Atlantic Consulting Group (Falls Church, VA) and previously worked as a computer networking management consultant for Ernst & Young's global information technology practice. Her books include *The Global War for Internet Governance* (Yale University Press, in press); *Opening Standards: The Global Politics of Interoperability* (MIT Press 2011); *Protocol Politics: The Globalization of Internet Governance* (MIT Press 2009); and *Information Technology in Theory* (2007).



Daniel Tunkelang

Daniel Tunkelang is Head of Query Understanding at LinkedIn, where he previously formed and led the product data science team. LinkedIn search allows members to find people, companies, jobs, groups and other content. His team aims to provide users with the best possible results that satisfy their information needs and help to get insights from professional data. Tunkelang has BS and MS degrees in computer science and math from MIT, and a PhD in computer science from CMU. He co-founded the annual symposium on human-computer interaction and information

retrieval (HCIR) and wrote the first book on *Faceted Search* (Morgan and Claypool 2009). Prior to joining LinkedIn, Tunkelang was Chief Scientist of Endeca (acquired by Oracle in 2011 for \$1.1B) and leader of the local search quality team at Google, mapping local businesses to their home pages. He is the co-inventor of 20 patents.