



Keynote Speaker: Dr. Joichi "Joi" Ito

Dr. Joichi "Joi" Ito is an influential thinker, speaker, and seed investor driving the international development of the Internet. He has been a central figure in bringing the commercial Internet to Japan, and he remains the most internationally well-recognized Japanese expert on web 2.0. He was selected as a "Global Leader for Tomorrow" by the World Economic Forum; as one of the 25 Most Influential People on the Web by *BusinessWeek*; as a member of the "Cyber-Elite" by *Time* magazine; as a "Leader of the Pack" by *Newsweek*, and as a member of "The Next Establishment" by *Vanity Fair*.

By the early 1990s, Ito had already realized the power and potential of the Internet, and in 1994, at the age of 28, he founded one of the first web development companies in Japan, Eccosys, which eventually became Digital Garage, now one of the most actively traded public Japanese Internet companies; he also helped establish, and became CEO of, the first commercial Internet service provider in Japan. He helped to found Infoseek Japan—the first commercial search engine in Japan—and served as its chairman. Subsequently, Ito shifted his focus to early-stage venture investing and was an early investor in over 40 companies including Flickr, Six Apart, Last.fm, Kongregate, Kickstarter, and Twitter. He continues to invest in start-up companies through his venture fund, Neoteny Labs, which focuses on Southeast Asia and the Middle East.

In addition to private-sector work, Ito has been part of a wide range of governmental, arts, and non-profit organizations, and has participated in dozens of central and local government study groups, committees, and advisory boards in Japan. He served as a secretariat member of Keizai Doyukai (The Association of Corporate Executives) in Japan, promoting business and government reforms, and has presented at global meetings such as the Trilateral Commission and the World Economic Forum in Davos. For 10 years he has served as a juror for the Prix Ars Electronica.

Though he never completed a college degree, Ito is a self-directed learner who works closely with academia to explore new approaches for learning and collaboration. He currently teaches and lectures at a number of universities. In the United States, he is an affiliate of the Berkman Center for Internet & Society at Harvard University; in Japan he is senior visiting researcher at Keio University SFC Research Institute, and a part-time lecturer at Keo Graduate School of Media Design. He is also a DBA candidate at the Graduate School of International Corporate Strategy, Hitotsubashi University, working on a study of "The Sharing Economy."

Ito has served on numerous non-profit boards involving computing and the Internet, including the Internet Corporation for Assigned Names and Numbers (ICANN); the Open Source Initiative (OSI); Computer Scientists for Social Responsibility (CPSR); and the Internet Association of Japan; the Mozilla Foundation; WITNESS; Start!; and Global Voices, a network of bloggers focusing on free speech and promoting the less-heard voices around the world. For the past 10 years he has served as a juror for Prix Ars Electronica.

In 2003, Ito was invited to join the board of Creative Commons, a non-profit organization focused on developing and supporting legal and technical tools to help everyone from artists to governments, encouraging legal sharing and reuse. He played a key role in expanding the funding and global reach of the organization, which now has affiliates in more than 70 countries. To date, over 500 million pieces of content have been published under Creative Commons licenses.



Keynote Speaker: Dr. Deb Roy

Deb Roy is a tenured member of the MIT faculty and directs the Cognitive Machines group at the MIT Media Lab. A native of Canada, Roy received his bachelor of computer engineering from University of Waterloo in 1992 and his PhD in cognitive science from MIT in 1999. He joined the MIT faculty in 2000.

Roy studies how children learn language, and designs machines that learn to communicate in human-like ways. To enable this work, he has pioneered new data-driven methods for analyzing and modeling human linguistic and social behavior. He has authored numerous scientific papers on artificial intelligence, cognitive modeling, human-machine interaction, data mining and information visualization. Roy's research is frequently featured in the media including the New York Times, Wall Street Journal, WIRED, National Geographic, Science, BBC, and National Public Radio.

Deb Roy is currently on leave from MIT and serves as CEO of Bluefin Labs, a venture-backed technology company that he co-founded. Built upon deep machine learning principles developed in his research over the past 15 years, Bluefin has created a technology platform that analyzes social media commentary to measure real-time audience responses to TV ads and shows. The company is developing products based on this platform to help brands, agencies, and media companies optimize their mass media performance by integrating real time insights mined from social media and other sources of audience response.



Keynote Speaker: Dr. Jorge Lobo

Jorge Lobo is a Research Staff Member at IBM T. J. Watson Research Center. Previous to IBM, he was principal architect at Teltier Technologies, a startup company in the wireless telecommunication space acquired by Dynamicsoft, now part of Cisco Systems. Before joining Teltier, he was member of technical staff in the network computing department at Bell Labs and faculty in the department of computer science at University of Illinois at Chicago. For more than a decade he has been working in understanding the role of policy, norms and regulations in computer systems and networks. Policies are pervasive parts of both technical and social systems. Computer systems and networks have policies which govern system configuration, workload management, service provisioning, storage, and access control for the integrity and confidentiality of data and resources. In social systems, organizations have policies and regulations covering proper conduct to protect the safety and privacy of people and for effective and appropriate use of resources. Jorge has been studying languages and system models to describe, analyze and enforce policies. Motivated by work on network management, he did pioneer work at Bell Labs in policy-based network management. He developed the language PDL. PDL was designed to implement application-independent policy servers. A PDL management system was part of the first Lucent softswitch telecommunication network. Other products where his policy research has had significant impact are a Present and Availability server for privacy control at Teltier Technologies, the IBM Policy Management for Autonomic Computing, the IBM Storage Configuration Manager, and role mining for IBM Tivoli Identity Manager.

Jorge is co-founder and member of the steering committee of the IEEE Policy Symposium series. He received a PhD in CS from the University of Maryland at College Park, and a MS and a BE from Simon Bolivar University in Venezuela. He is an ACM Distinguished Scientist.



Keynote Speaker: Jeremy Grant

Talk Title: The National Strategy for Trusted Identities in Cyberspace (NSTIC): Enhancing Online Choice, Efficiency, Security and Privacy

Jeremy Grant is senior executive advisor for identity management at the National Institute for Standards and Technology (NIST). He joined NIST in February, 2011 to manage the establishment of a National Program Office for the National Strategy for Trusted Identities in Cyberspace (NSTIC).

Mr. Grant comes to NIST with a diverse background and deep understanding of identity and cybersecurity issues, having served in a range of leadership positions spanning government and industry. He began his career as a legislative aide in the U.S. Senate, where he drafted the legislation which laid the groundwork for the Department of Defense and GSA smart card and PKI efforts. Mr. Grant then joined MAXIMUS, where he led the division's Security and Identity Management practice, and played a major role in a number of major federal identity and security programs. He then spent three years with Washington Research Group as the firm's identity and cybersecurity market analyst. Most recently, Jeremy served as Chief Development Officer for ASI Government.

Jeremy is a former co-chair of the Identity Management Committee at TechAmerica (previously the Information Technology Association of America). He is a graduate of the University of Michigan.