

**Standards Challenges and Cybersecurity: Implications for Distributed Systems (Business Infrastructure, Cloud Computing, Smart Grid/Smart Cities) and User Privacy
November 20-21, 2014**

SPEAKER BIOS (alphabetical)

Carl Cargill is the Standards Principal at Adobe Systems, Advanced Technology Labs, where he works on structuring Adobe's standardization activities for the next decade, as well as attempting to provide standardization theory that applies in the "massively connected world." Prior to joining Adobe, Cargill was director of corporate standards at Sun Microsystems, where he managed Sun's standardization strategies, activities, and portfolios. He has been a leader in standardization—both in practice and in theory—for nearly 30 years. His writings include two books on the subject, and scores of articles. He has served on the boards of W3C, Object Management Group, Open Mobile Alliance, The Open GIS Consortium, The Open Group, Enterprise Grid Alliance, ECMA, and OSGi. He has also been a product strategist, marketing manager, pricing manager and program manager.

Patrick Gallagher is Chancellor and Chief Executive Officer of the University of Pittsburgh. Previously, he was Director of the National Institute of Standards and Technology (NIST) and also Undersecretary of Commerce for Standards and Technology. In these positions, years, he provided high-level direction for NIST, which promotes U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology. In 2013, Gallagher took on an additional role as Acting Deputy Secretary of Commerce. In that capacity, he served as the chief operating officer for the Department, with overall responsibility for budget, planning, and operations. Prior to assuming the directorship of NIST, Gallagher served in a number of capacities within that agency, including deputy director, director of the NIST Center for Neutron Research, and leader of the Research Facilities Operation Group in the Center for Neutron Research as well as a NIST agency representative at the National Science and Technology Council.

Linda Garcia is Associate Professor, Georgetown University, teaching courses related to complexity, the networked economy, creativity, networks and international development and global standards. Previously she served as Director of the university's Communication Culture and Technology Program, and before that spent 19 years as Senior Associate/Project Director in the Office of Technology Assessment. She has published a number of seminal papers and reports on networking, e-commerce and other topics relevant to the workshop. Under a NIST curricula development grant, she developed integrated course modules designed to introduce standards to audiences from a wide range of disciplines.

Gordon Gillerman is Acting Director, Standards Coordination Office and the Chief of Standards Services at the National Institute of Standards and Technology (NIST). Gordon has extensive experience in coordinating standards policy and development across a wide range of sectors critical to the U.S. including homeland security, safety, health and protection of the environment. Previously he led government affairs for Underwriters Laboratories (UL) in Washington, DC, and was Staff Engineer for the medical device and information technology sectors at UL's Northbrook, IL headquarters.

Heather Kreger is Distinguished Engineer and CTO of International Standards for IBM where she has worked for 25 years. She coordinates IBM's Software Group's standards strategy and has led the development of standards for Web services, Management and Java in numerous industry standards groups including W3C, OASIS, DMTF, and The Open Group. Kreger is the author of many articles as well as the book "Java and JMX, Building Manageable Systems.

Victoria Yan Pillitteri is an advisor for information systems security in the Computer Security Division at the National Institute of Standards and Technology (NIST), specializing in control systems cybersecurity. She is the Chair of Smart Grid Interoperability Panel (SGIP) Smart Grid Cybersecurity Committee (SGCC), and serves as an ex-officio Director of the Board. In addition to her work in Smart Grid, she currently is working on Executive Order (EO)-13636, Improving Critical Infrastructure Cybersecurity, is a co-chair of the Cyber-Physical Systems Public Working Group, a member of the Joint Task Force Transformation Initiative Interagency Working Group, and leads the Smart Grid and Cyber-Physical Systems cybersecurity projects at NIST.

Erik Puskar is the Manager for Global Standards and Information, Standards Services, within the Standards Coordination Office at NIST. He oversees the U.S. WTO TBT Inquiry Point and Standards Information Center and leads the Office's impact analysis efforts as well as NIST's efforts on standards education. Puskar is vice-chair of the American National Standards Institute (ANSI) Committee on Education and serves on the International Policy Committee. He was chair of the International Committee for Education about Standardization (ICES). In addition to standards, through his current position and previous work with the Advanced Technology Program of NIST, other positions with the U.S. Government, and international development organizations such as the IMF, he has experience in funding innovative high-risk technology, fiscal affairs/taxation, and information technology.

Michael Spring is Associate Professor of Information Science at the University of Pittsburgh where he has been for 41 years. His research and work experience involves the application of technology to the workplace with particular attention to large scale electronic document processing and visualization, intelligent agents, and interface design. This has included working with structured documents beginning with SGML and ODA and now through almost all of the XML family (XML, XSD, XSLT, XSLTFO, XPath, etc.) as well as all the derivative standards SVG, MATHML, etc.; and engagement with distributed systems for collaborative authoring and editing both pre- and post-web technologies, client server systems, visualization, interactive system design, and augmentation. He is currently developing related course modules and materials under a NIST curricula development grant.

Jeffrey Strauss is Acting Director of the Northwestern University Center for Technology and Innovation Management (CTIM – within the university-wide Roberta Buffet Center for International and Comparative Studies). He has been at NU for 30 years and develops programs to raise attention and sophistication in managers and faculty to addressing strategic issues not yet fully on their view screens – but which should be – including standards. Strauss is a member of the ANSI Committee on Education and the equivalent in IEEE. He is the newly-elected Vice-Chair for the Americas for ICES, the International Cooperation for Education about Standardization.

Jeffery Stutzman, Chief Operations Officer and Vice President of Collaborative Research and Analysis, Red Sky Alliance and President, Wapack Labs Corporation. In previous positions Mr. Stutzman was a US Navy Intelligence Officer focusing on Information Warfare; an IT Project Manager for Cisco Systems managing Cisco's global IT risk program, wireless security, awareness/education, investigations, and mergers and acquisitions; Chief Information Security Officer for Northrop Grumman's Electronics Sector and head of Northrop Grumman's global APT Cyber Threat Analysis and Intelligence organization;

Principal Engineer for CERT/CC and most recently, Director, DCISE. He was also a Director at the DoD Cyber Crime Center where he built and operated the analysis and information sharing organizations behind the US Government's first cyber-focused public-private partnership.

David Thaw is Assistant Professor of Law and Information Sciences at the University of Pittsburgh and an Affiliated Fellow of the Information Society Project at Yale Law School. His research and scholarship examine the regulation and impact of Internet and computing technologies, with specific focus on cybersecurity, privacy, cybercrime, and cyberwarfare. Previously Thaw taught at the University of Connecticut and the University of Maryland. He also practiced cybersecurity and privacy regulatory law at Hogan Lovells (formerly Hogan & Hartson.)

David Tipper is Associate Professor and Director of the Graduate Telecommunications and Networking Program at the University of Pittsburgh with a secondary appointment in Electrical Engineering. He teaches courses on communication systems, wireless networks, network performance modeling and analysis, network design and infrastructure protection. Prior to joining Pitt he was a faculty member in the Electrical and Computer Engineering Department at Clemson. His research interests include network design, virtual network design, methods for improving network survivability, the development of efficient algorithms for nonstationary/transient queuing analysis, and the design and analysis of network controls (e.g. routing, admission control, scheduling, etc.) His research has been supported by grants from various government and corporate sources such as the National Science Foundation, ARO, IBM, DARPA and MCI. He is a member of INFORMS, Sigma Xi, and is a senior member of IEEE.