SPEAKER BIOS

NIST Standards in Trade Workshop with India on Information and Communication Technologies

September 15-18, 2014
Gaithersburg, MD

Nadya Bartol

Nadya Bartol is Utilities Telecom Council (UTC) Senior Cybersecurity Strategist. She responsible for helping UTC member utilities address cybersecurity challenges, from policies and standards to practical implementation. Prior to UTC Nadya led multiple implementations of comprehensive cybersecurity programs. She also developed and led the delivery of several service offerings including security program management supply chain risk management, continuous monitoring, security measurement, and security standards. She co-authored several NIST publications including the ones on supply chain risk management and security measurement and currently serves as a Project Editor of an ISO standard on Information Security for Supplier Relationships.

Nadya was named one of the Top 15 Women in Energy by Fierce Energy in 2012 and a recipient of InterNational Committee for Information Technology Standards (INCITS) Team Award in 2013 for her work in cyber supply chain standards.

Patrice Boulanger

Ms. Boulanger is the workshop and conference coordinator in the NIST Standards Services training program under the Standards Coordination Office at NIST. Patrice's responsibilities include overseeing logistical arrangements and serving as the main point of contact for workshop participants. She assists in coordinating the functions needed to create and produce successful technical workshops among relevant SDOs, Federal agencies, and private sector entities. She is the NIST Liaison for the annual U.S. Celebration of World Standards Day. Patrice also manages and responds to standards inquiries from NIST staff and the general public.

Patrice started her career with the National Institute of Standards and Technology (NIST) in 1989 as a Conference Registrar and was promoted to Conference Manager, where she managed 40 to 50 scientific and technical conferences annually with attendance ranging from 20 to 1,200 registrants. Responsibilities included negotiation of supplier services, site selection, conference promotion, brochure design and production, audio-visual management, staff supervision, budget development and analysis, and food and beverage management.

In 1990, Patrice received a Certificate of Recognition from the U.S. Department of Commerce for her job performance. In 1996, she applied for and received the designation of Certified Meeting Professional (CMP). She is a member of the Society of Government Meeting Planners. Patrice received a B.A. in Business Administration from Frostburg State University.

Jon Boyens

Jon Boyens is a Senior Advisor for Information Security in the Information Technology Laboratory, within the Department of Commerce's National Institute of Standards and Technology (NIST). He leads NIST's Information and Communications Technology Supply Chain Risk Management Program and works on various policy and technical projects. Boyens helps develop and coordinate the Department's cybersecurity policy among the Department's bureaus. He represents the Department in the Administration's interagency cybersecurity policy process.

Mr. Boyens has worked on various White House-led initiatives, including, most recently, the Cybersecurity Executive Order and related work on Cybersecurity Incentives, Government Acquisition Policy and the Cybersecurity Framework.

Lily Chen

Dr. Lily Chen is a mathematician and the acting group manager of cryptographic technology group in Computer Security Division, Information Technology Laboratory, NIST.

Dr. Chen received her Ph.D in applied mathematics from Aarhus University, Denmark. Before joining NIST, she has worked in academic as an associate professor in mathematics and then later worked with industry. Her research areas include cryptographic protocols, special featured digital signatures, security protocol design, network security, and security for wireless and mobility applications. Besides authoring research papers, Dr. Chen has edited and actively contributed to various industry standards in cryptography and security. Her co-authored book "Communication System Security" was published in 2012 by CRC Press, Taylor & Francis Group.

Valerie Dees

Valerie Dees is the Director of the Office of South Asia in the International Trade Administration's Global Markets unit. She is primarily responsible for addressing U.S. businesses' market access issues in South Asia. Since joining the Department of Commerce in 1998, Ms. Dees has held various positions in the International Trade Administration, which have involved advancing U.S. commercial relations with foreign governments. For example, she has served as the U.S. Secretary of the North American Free Trade Agreement Secretariat, Acting Director of the Afghanistan and Iraq Investment and Reconstruction Task Force, Senior Trade Policy Advisor in the Offices of the Deputy Under Secretary for International Trade and the Assistant Secretary (A/S) for Market Access and Compliance (MAC), Chief of Staff to the A/S for MAC, Director of the Andean/Caribbean Basin Division, and the Argentina/Paraguay Desk Officer.

Before joining the Department of Commerce, Ms. Dees held diverse international trade-related positions in the private sector. For instance, she promoted investment and economic development in the Caribbean Basin; fostered U.S. vegetable exports to Japan; and provided telecommunications consulting services to governments in Latin America, Africa, Europe, and Asia.

Ms. Dees received her bachelor's degree in International Studies from Russell Sage College in New York and her master's degree in International Affairs from The American University in Washington, D.C.

Mary Jo DiBernardo

Ms. DiBernardo joined NIST in June 2000. She is responsible for the management, design, development, and delivery of the Standards Coordination Office, Standards Services training program for government agencies in standards, conformity assessment, and related topics. Ms. DiBernardo also manages the NIST Standards Services Curricula Development Cooperative Agreement Program. Under this program, NIST provides support for the development of undergraduate and graduate level curriculum designed to integrate standards and standardization information and content into learning resources, seminars, and courses.

Previously for 10 years, Ms. DiBernardo was responsible for NIST's implementation activities under the U.S.-EU Mutual Recognition Agreement (MRA) for Electromagnetic Compatibility and Telecommunications Equipment and the Organization of American States Inter-American Telecommunications Commission MRA. She also served as the NIST lead for negotiating the U.S.-Japan MRA for Telecommunications Equipment. She worked extensively with the National Voluntary Conformity Assessment System Evaluation Program on NIST's recognition of U.S. accreditation bodies and has been trained as an ISO 9001 Lead Assessor. Before joining NIST, Ms. DiBernardo was the Director for Conformity Assessment at ACIL, the American Council of Independent Laboratories. She represented the laboratory community on issues involving testing, certification, and accreditation.

Ms. DiBernardo has a MPA and BA from the State University of New York at Albany, a certificate in International Studies from the Johns Hopkins University School of Advanced International Studies, and a certificate in Negotiation and Dispute Resolution from Georgetown University's Center for Professional Development. Ms. DiBernardo was the first recipient of the American National Standards Institute's Next Generation Award in 2004 and graduated from NIST's Building the Next Generation leadership program in 2006.

Donna Dodson

Donna Dodson is the Associate Director and Chief Cyber Security Advisor of the Information Technology Laboratory (ITL) and the Chief Cybersecurity Advisor for the National Institute of Standards and Technology (NIST). She is also the Director of NIST's National Cybersecurity Center of Excellence (NCCoE).

Donna oversees ITL's cyber security program to conduct research, development and outreach necessary to provide standards, guidelines, tools, metrics and practices to protect the information and communication infrastructure. Under her leadership, ITL collaborations with industry, academia and other government agencies in research areas such as security management and assurance, cryptography and systems security, identity management, security automation, secure system and component configuration, test validation and measurement of security properties of products and systems, security awareness and outreach and emerging security technologies. In addition, Donna guides ITL programs to support both national and international security standards activities. She recently led the

establishment of the NIST NCCoE. Through partnerships with state, local and industry, the NCCoE collaborates with industry sectors to accelerate the widespread adoption of standards-based cyber security tools and technologies.

Donna's research interests include applied cryptography, key management, authentication and security testing. She has led technical teams to produce standards, guidelines and tools in each of these areas.

Donna received a Department of Commerce Gold Medal and three NIST Bronze Medals. She was a Fed 100 Award winner for her innovations in cybersecurity and in 2011 was included in the top 10 influential people in government information security. Recently, FedScoop recognized Donna as one of DC's Top 50 Women in Tech.

Barbara Fraser

Ms. Fraser is the Director, Chief Technology and Architecture Office at Cisco.

Barbara is a global technology professional with over 20 years of experience in the Internet technology industry. She is a committed and results driven leader with extensive experience in software, systems, and security. Barbara is responsible for driving Cisco's Accelerated Innovation program across all Development Business Groups. She directs over-the-horizon work related to cyber/security and identity. She is also a leader in Cisco's global IPR and Standards strategy effort.

A fifteen-year Cisco veteran, Barbara was Director of Innovation for Cisco's smart grid business unit where she was responsible for cybersecurity architecture, strategy, federal policy, and the planning and management of R&D and standards for the business unit. She has over 20 years of experience in the Internet technology industry and is internationally recognized as an expert in Internet security. She was an early pioneer with the CERT Coordination Center, served on a National Research Council study panel that published "Toward a Safer and More Secure Cyberspace," and was a U.S. delegate to G-8 cybercrime workshops. She has been active in the IETF since 1989, was editor of the Site Security Handbook, contributed to a number of other RFCs, and chaired a number of working groups, including the IPSec working group.

Barbara was a Trustee of the Internet Society from 2000 to 2003 and a Director for Public Interest Registry (the company that administers the .ORG top level domain) from 2005-2011. She served as Chairman of the Board for two years.

Dean Garfield

Dean Garfield is the President and CEO of the Information Technology Industry Council (ITI). Since taking on this role in 2008, Dean has built ITI into a powerhouse of advocacy, insight, and influence in Washington, D.C., and throughout the world. He leads a team of professionals who, combined, bring nearly three centuries of advocacy experience to bear on the most complex policy challenges facing the world's leading technology companies.

Dean has worked to foster a policy environment that embraces cutting-edge research, game-changing technologies, and national economic champions as central to the foundation for sustained job creation and growth. The results: the tech sector has continued to grow despite global economic challenges.

Companies are expanding -- putting more people to work, creating breakthrough products and services, and expanding into new markets with enormous opportunity. Under Dean's leadership, ITI has defined the tech agenda for global policymakers, expanded its membership and influence, and launched a foundation that serves as the preeminent thought leader on innovation. ITI has deepened its expertise on core issues -- from trade and new market development to taxes, from cloud computing to core standards. During Garfield's tenure, ITI's advocacy experts have helped to achieve critical legislative victories in the U.S. and internationally, knocking down barriers to innovation, strengthening America's economic competitiveness, and advancing sustainable technologies that will be at the heart of 21st century innovation.

He received a joint degree from New York University School of Law and the Woodrow Wilson School of Public Administration and International Affairs at Princeton University. He was a Ford-Rockefeller as well as a Root-Tilden-Snow scholar.

In 2011, Dean was named one The Root's 100 most influential African-Americans. Dean was honored with the first REACH Breaking Barriers Award in May 2010, recognizing him for his deep commitment to leading the world's most dynamic industry in its efforts to support and inspire young people to develop the important science, technology, engineering and math (STEM) skills they must have to become tomorrow's scientific problem solvers. In addition, he is a regular contributor on the Huffington Post and has been featured in several national publications, on National Public Radio and Bloomberg Television News, representing the high-tech industry on the issues that matter most to the sector.

Gordon Gillerman

Gordon Gillerman is Acting Director, Standards Coordination Office and Chief of Standards Services at the National Institute of Standards and Technology (NIST). He coordinates and advises federal agencies, U.S. industry and other stakeholders on standards and conformity assessment policy. Standards Services operates the U.S. Inquiry Point for the World Trade Organization's Technical Barriers to Trade Agreement and is a key information source for US industry on standards related market access issues.

Gordon has extensive experience coordinating standards policy and development across a wide range of critical issues in the U.S. including cloud computing, health IT, homeland security, safety, health and protection of the environment.

Gordon is the Public Sector Co-Chair of the American National Standards Institute's (ANSI) Homeland Security Standards Panel, an expert on conformity assessment systems and their nexus with regulatory and trade issues and a sought after lecturer on standards, conformity assessment and regulation.

Prior experience include leading government affairs for the largest U.S. product safety certification and standard development organization, Underwriters Laboratories (UL) in Washington, DC, and Staff Engineer for the medical device and information technology sectors at UL's Northbrook, IL headquarters.

Gordon has worked collaboratively within the standards community to enhance health, safety, the environment and security throughout his career. In 2008 he received an Environmental Protection Agency Gold Medal, a Department of Commerce Bronze Medal and the ANSI Meritorious Service Award. In 2010 Gordon received a Department of Commerce Gold Medal for leadership in enhancing the

performance standards and certification program for law enforcement body armor and EPA's Award for Outstanding Leadership in Collaborative Problem-Solving for his work in guiding the development of a Green Clean-Up standard. In 2012 Gordon received the ANSI Gerald H. Ritterbusch Conformity Assessment Medal.

Steve Griffith

Steve Griffith is an Industry Director for a number of sections within NEMAs Building Systems division in addition to NEMAs Distribution Automation Section. He was the principle NEMA staff liaison that worked to launch NEMA's Cybersecurity Council which is leading NEMAs Cybersecurity activities in identifying standards and best practices related to cybersecurity for the electrical grid, first and foremost being supply chain integrity. He was also the principle staff liaison for NEMAs Smart Grid Council which oversees NEMA activities related to the adoption of Smart Grid technologies while advocating policies and establishing the necessary standards to ensure market adoption and swift commercialization.

Steve has over 17 years' experience in program/project management including a Project Management Professional (PMP) Certification. Before joining NEMA he managed projects for various Department of Defense facilities, and the TSA.

Sarbari Gupta

Sarbari Gupta has been active in the information security industry for over twenty years. She has broad base of knowledge and experience in the areas of identity management, cybersecurity, conformance testing and security solutions. She has a B.Tech degree in Electronics from IIT, Kharagpur, INDIA, and MS and PhD degrees in Electrical Engineering from the University of Maryland, College Park. She holds the CISSP, CISA and CAP certifications.

Dr. Gupta has authored over twenty technical papers/presentations in refereed conferences and journals, and holds four patents in areas of cryptography and penetration analysis. She has participated in many standards activities, and has served as author/editor of ISO and Open Group standards. She has supported the development of several NIST publications on information security including serving as co-author for the Special Publications on Electronic Authentication, Security Configuration Management, and Derived PIV Credentials.

Dr. Gupta is the Founder and President of Electrosoft, a provider of management consulting and IT professional services and solutions. Serving Government and commercial customers since 2001, Electrosoft has garnered many awards, including being ranked on the 2014 Inc. 500|5000 List of fastest growing private companies in the USA, named to the 2014 Washington Technology Fast 50 List and the 2013 Silicon India Top 100 List of companies founded and managed by Indians in the US.

Michael D. Hogan

Mr. Michael D. Hogan has worked as an electronics engineer at the National Institute of Standards and Technology (NIST) since 1974. As the Standards Liaison for the NIST Information Technology Laboratory, he represents NIST at national and international fora that advance measurement science, testing, and standards in support of more interoperable, usable, scalable, reliable, and secure Information and Communications Technologies (ICT). Since September 2003, Mr. Hogan has served as the Convener of the international standards group: ISO/IEC JTC 1/SC 37 Working Group 4 - Technical Implementation of Biometric Systems. From February 2007 to November 2012, Mr. Hogan served as the Co-Chair and then Chair of the Standards and Conformity Assessment Working Group of the NSTC Subcommittee on Biometrics and Identity Management. Mr. Hogan also served as the Co-Convener of the public NIST Cloud Computing Standards Roadmap Working Group, which was established in January 2011. The group's final publication is NIST Special Publication 500-291 version 2, NIST Cloud Computing Standards Roadmap, July 2013.

Mr. Hogan co-authored the winning paper of the U.S. 2004 World Standards Day Paper Competition, "Securely Connecting the World with Cyber Security Standards." On March 7, 2001, Mr. Hogan spoke on "Challenges in IT Standards Development," as an invited Centennial Speaker at the NIST Centennial Symposium on Standards in the Global Economy. In 1996, he convened a NIST inter-laboratory study group to explore the concepts of metrology and their application to IT systems, and to relate measurements in IT to established metrology theories, such as traceability. The group's study was published in May 1997 as NISTIR 6025, Metrology for Information Technology.

From 1994 to 1997, Mr. Hogan chaired the Information Systems Standards Board of the American National Standards Institute (ANSI). From 1987 until the present, he has represented NIST at the management and policy level on INCITS, and its predecessor organization, ANSI Accredited Standards Committee X3. INCITS represents the U.S. in the development of international IT standards within ISO/IEC Joint Technical Committee 1 on Information Technology. From 1975 to 1989, Mr. Hogan was the principal technical expert representative from NIST to several X3 Technical Committees, including B1 (Digital Magnetic Tape), B5 (Magnetic Tape Cassettes and Cartridges), and B8 (Flexible Disk Cartridges). From 1979 to 1989, he served as the International Representative for these Technical Committees and as the U.S. Head of Delegation to the international standards group, ISO/IEC JTC 1/SC 11, Flexible Magnetic Media for Digital Data Interchange.

Ajit Jillavenkatesa

Dr. Ajit Jillavenkatesa is a Senior Standards Policy Adviser with the Standards Coordination and Program Coordination offices at the National Institute of Standards and Technology (NIST).

Ajit specializes in standards and technology related policy issues in South Asia, Asia-Pacific with a particular focus on China, Japan and India; and in emerging technologies such as nanotechnology and information and communication technologies. He provides standards policy and technical expertise to NIST staff and leadership, the U.S. Department of Commerce, other U.S. Government agencies and the private sector. He is currently the Executive Secretary of the Subcommittee on Standards, a subcommittee of the National Science and Technology Council's Committee on Technology.

An active participant in international standards development activities, he actively contributes technology standards expertise to intra- and inter- governmental groups, bridging the worlds of standards, technology, international trade and regulatory policy.

He has also provided standards policy expertise to the House Committee on Science and Technology during a detail to the Committee in 2010, and was a resource to Committee staff during the development and reauthorization of the America COMPETES Act, signed into law as the America COMPETES Reauthorization Act of 2010 (P.L.111-358).

Dr. Jillavenkatesa is a materials scientist by training, having joined NIST in 1997 as a post-doctoral fellow, with a Ph.D. in Ceramics from Alfred University in New York. He has authored and co-authored books and peer reviewed publications related to physical and chemical characterization of materials. He received the American National Standards Institute's Next Generation Award in 2008, and U.S. Department of Commerce Silver Medal in 2013 and the Department's Bronze Medals in 2009 and 2011.

Anil Karmel

Mr. Anil Karmel is the founder and CEO of C2 Labs, a cloud security and services company focused on enabling IT agility by simplifying complexity through innovative products and services, allowing you to Command and Control YOUR cloud. Formerly, Anil served as the National Nuclear Security Administration's (NNSA) Deputy Chief Technology Officer. Within NNSA, Mr. Karmel served as the RightPath Chief Architect and Management and Operations (M&O) Implementation Lead for a range of enterprise information technology (IT) solutions including cloud computing, enterprise mobility, unified communications and enterprise wireless. RightPath is a lean and agile methodology employed via a partnership between the Department of Energy (DOE) Office of the Chief Information Officer and NNSA, delivering IT transformation to DOE by focusing on the key areas of people, process and technology.

Mr. Karmel has been in the IT Industry for over fifteen years, working with various Fortune 500 companies and government in the areas of enterprise virtualization, messaging and collaboration. He and his team garnered industry and government accolades, including the SANS National Cyber Security Innovators Award for Cloud Security, InformationWeek 500 Top Government IT Innovators, ACT/IAC Excellence.gov Award and the DOE Secretary's Achievement Award. His team at LANL was named an ACT/IAC Excellence.gov Finalist two years running. Mr. Karmel is an internationally recognized speaker and has been featured at numerous IT conferences and webinars, including VMworld and Gartner.

Anil holds a Bachelors of Science Degree from the University of Illinois – Urbana/Champaign, is a member of the Project Management Institute and is the co-chair of the National Institute of Standards and Technology (NIST) Cloud Security Working Group, currently leading the security working group chartered to create the Cloud-Adapted Risk Management Framework (CRMF), a new 800-level standard to quantify risk in a cloud-connected enterprise. He also sits on the board of the Cloud Computing Caucus Advisory Group chaired by Congressman Darrell Issa (R-CA) and Gerry Connoly (D-VA) focused on educating U.S. lawmakers and the public about cloud computing as well as other information technology issues.

Danielle Kriz

Danielle Kriz has 18 years of government and industry experience formulating policy for the high-tech industry, including 12 years focusing on cybersecurity policy. Ms. Kriz joined the Information Technology Industry Council (ITI) in 2010 to build its global cybersecurity practice. As director for global cybersecurity policy, she leads ITI's work advancing the information and communications technology (ICT) industry's positions on cybersecurity policy issues both domestically and abroad. Ms. Kriz works to encourage governments around the world—including the U.S. Government—to leverage the considerable work industry is doing to improve cybersecurity and to follow globally accepted policy approaches that meet security needs while facilitating interoperability and a global marketplace. Danielle also represents ITI on the Executive Committee of the IT Sector Coordinating Council (IT SCC) and is currently the IT SCC Vice Chair. Before joining ITI, Ms. Kriz spent four years consulting in Silicon Valley, where she created and implemented government affairs strategies for high-tech and clean-tech companies. Prior to that, she spent a decade in the U.S. Government developing its high-tech trade policies, at both the U.S. Department of Commerce's International Trade Administration and the U.S. International Trade Commission.

Ms. Kriz has a Master of Science in Foreign Service degree from Georgetown University, focused on international trade and technology policy, and a B.A. in politics from Ithaca College.

Robert Mayer

Robert Mayer is Vice-President of Industry and State Affairs with the United States Telecom Association (USTelecom) with responsibilities that include leading national -and cyber security policy for the wireline broadband industry. He is past chair of the Communications Sector Coordinating Council (CSCC) and current Chair of the CSCC Cybersecurity Committee. He has been a leading participant in the FCC Communications Security Reliability and Interoperability Council (CSRIC) working groups where he currently co-leads a 100-person team of cybersecurity experts representing the broadcast, cable, wireline, wireless and satellite industries to adapt the NIST Cybersecurity Framework to their respective segments. He led an effort to produce an analysis on barriers to participation in the CSRIC approved U.S Anti Botnet Code of Conduct. Mr. Mayer is a "senior" industry official on the U.S Government's Unified Cyber Coordination Group (UCG) which coordinates national incident responses for major cyber events. In 2012 he was appointed by New York Governor Cuomo to serve on the NYREADY Commission which developed recommendations for the communications industry in response to "SuperStorm" Sandy.

Mr. Mayer served as the top telecommunications official for New York State as the Director of Telecommunications for the New York Public Service Commission from 2003 to 2007. In that capacity, he led several major initiatives including regulatory reform efforts and created a new agency department that focused exclusively on network reliability and public safety matters. In 2005, he was appointed by the FCC Chairman to the Federal State Enhanced E 911 VoIP Board and led multi-state policy initiatives in this area.

Mr. Mayer received his B.A from Albany State University, his MA in Information Management from Central Michigan University, his MBA from Boston University, and his J.D from New York Law School. He was admitted to the New York and Washington DC bar.

Cheri McGuire

Ms. Cheri McGuire serves as Vice President for Global Government Affairs and Cybersecurity Policy at Symantec. With nearly twenty-five years of government and industry experience, Ms. McGuire is responsible for Symantec's global public policy agenda and government engagement strategy that includes cybersecurity, data integrity, critical infrastructure protection (CIP), and privacy. She leads a team of professionals spanning the U.S., Canada, Europe, Asia, and Latin America, and represents the company in key policy organizations and public-private partnerships.

Ms. McGuire works extensively with industry and government organizations, including serving from 2010 to 2012 as Chair of the US IT Sector Coordinating Council – one of 16 critical sectors identified by the President and the US Department of Homeland Security (DHS) to partner with the government on CIP and cybersecurity. In addition, she is a frequent presenter on technology policy issues, including testifying four times before the U.S. Congress on security, privacy, CIP and cybercrime, and speaking at the 2013 Seoul International Cyberspace Conference, the 2012 Budapest Conference on Cyberspace, the UN Economic and Social Council plenary session on cybersecurity and development in 2011, and the ITU Plenipotentiary special session on cybersecurity in 2010.

Prior to joining Symantec, Ms. McGuire served as Director for Critical Infrastructure and Cybersecurity in Microsoft's Trustworthy Computing Group. Prior to that, she served in numerous positions at DHS, including as Acting Director and Deputy Director of the National Cyber Security Division and US-CERT where she provided leadership on the Comprehensive National Cybersecurity Initiative (CNCI), the 2008 National Cyber Exercise – Cyber Storm II, and as Head of US Delegation for bilateral cybersecurity talks with Japan. She also served as the Chair of the IT Government Coordinating Council under the National Infrastructure Protection Plan.

Prior to DHS, she served as a program manager for Booz Allen Hamilton specializing in government telecom and computer security agencies; as a manager for a telecom engineering firm that was acquired by Exelon Infrastructure Services; and as a Congressional staffer. Ms. McGuire holds an MBA from The George Washington University and a BA from the University of California, Riverside.

Angela McKay

Ms. Angela McKay is Director of Cybersecurity Policy and Strategy in the Global Security Strategy and Diplomacy (GSSD) team at Microsoft. As part of GSSD, she leverages her 15+ years of experience to address complex global challenges and drive strategic change, both within Microsoft and externally, to advance trust in the computing ecosystem. Ms. McKay leads Microsoft's cybersecurity policy work in the U.S. She also engages internationally with industry, governments, and civil society to improve security and stability of the computing ecosystem for users around the world. Ms. McKay combines her technical expertise and public policy acumen with insights on technological, demographic, and economic trends to develop policies that support development, growth, and innovation, and advance security, privacy, and trust in the Information Age.

Ms. McKay also serves as Chair of the Information Technology (IT) Sector Coordinating Council, the public private partnership for the IT industry to work with the U.S. Government on critical infrastructure protection and cybersecurity, and Microsoft's Point of Contact for the National Security

Telecommunications Advisory Committee (NSTAC), which provides the President advice and expertise to help maintain secure and resilient communications. Before returning to Washington D.C., Ms. McKay's focus was increasing cybersecurity capacity in developing and emerging economies.

Prior to joining Microsoft in 2008, she served in several key roles at Booz Allen Hamilton supporting the Department of Homeland Security's Office of Cybersecurity and Communications for over five years. From 1999 through 2003, Ms. McKay served as an outside plant engineer for BellSouth Telecommunications, developing process and performance improvements for engineering voice and data communication services and testifying on behalf of the company before public utilities commissions. Ms. McKay holds a Bachelor's of Industrial and Systems Engineering from the Georgia Institute of Technology.

Brendan M. Peter

Brendan M. Peter is Vice President of Global Government Relations for CA Technologies, where he leads the company's Washington office and directs CA Technologies' global public policy agenda. Brendan has 20 years of government relations experience in the fields of cyber security, health care, and technology policy issues. He serves on the Board of Directors of the Information Technology Industry Council and Chairs the organization's Cybersecurity Committee, and also serves on the Strategic Planning & Operations Committee of BSA, the Software Alliance.

Prior to joining CA Technologies in 2009, Brendan held Executive-level government relations positions at LexisNexis, Daon, the Information Technology Association of America (ITAA), and the Jefferson Consulting Group.

Brendan received his bachelor's degree from James Madison University and his master's degree from Georgetown University.

Andrew Regenscheid

Andrew Regenscheid is the Project Leader for Hardware-Rooted Security in the Computer Security Division at the National Institute of Standards and Technology (NIST). At NIST, Mr. Regenscheid is responsible for leading research and guidelines development activities on the use of roots of trust to secure computer systems. One focus for this work is using roots of trust to support key security capabilities in mobile devices.

Mr. Regenscheid has authored several publications on mobile device security and firmware protections, including SP 800-147, SP 800-147B, and SP 800-164. As part of the Cryptographic Technology Group, Mr. Regenscheid contributes to NIST's cryptographic standardization efforts, particularly in the areas of hash functions and public key cryptosystems.

Mr. Regenscheid holds a B.A. in Mathematics and Computer Science from Luther College, and a M.S. in Information Assurance from Iowa State University.

Charles H. Romine

Charles Romine is Director of the Information Technology Laboratory (ITL). ITL is one of six research Laboratories within the National Institute of Standards and Technology (NIST) with an annual budget of $120 million, more than 350 employees, and about 160 guest researchers from industry, universities, and foreign laboratories.

Romine oversees a research program designed to promote U.S. innovation and industrial competitiveness by developing and disseminating standards, measurements, and testing for interoperability, security, usability, and reliability of information systems, including cybersecurity standards and guidelines for Federal agencies and U.S. industry, supporting these and measurement science at NIST through fundamental and applied research in computer science, mathematics, and statistics. Through its efforts, ITL supports NIST's mission to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.

Within NIST's traditional role as the overseer of the National Measurement System, ITL is conducting research addressing measurement challenges in information technology as well as issues of information and software quality, integrity, and usability. ITL is also charged with leading the nation in using existing and emerging IT to help meet national priorities, including developing cybersecurity standards, guidelines, and associated methods and techniques, cloud computing, electronic voting, smart grid, homeland security applications, and health information technology.

Ron Ross

Ron Ross is a Fellow at the National Institute of Standards and Technology (NIST). His current focus areas include information security and risk management. Dr. Ross leads the Federal Information Security Management Act (FISMA) Implementation Project, which includes the development of security standards and guidelines for the federal government, contractors, and the United States critical information infrastructure. His recent publications include Federal Information Processing Standards (FIPS) Publication 199 (security categorization standard), FIPS Publication 200 (security requirements standard), NIST Special Publication (SP) 800-39 (risk management guideline), SP 800-53 (security and privacy controls guideline), SP 800-53A (security assessment guideline), SP 800-37 (security authorization guideline), SP 800-30 (risk assessment guideline), and SP 800-160 (systems security engineering guideline). Dr. Ross is the principal architect of the Risk Management Framework (RMF), a multi-tiered approach that provides a disciplined and structured methodology for integrating the suite of FISMA-related standards and guidelines into a comprehensive enterprise-wide security program. Dr. Ross also leads the Joint Task Force, an interagency partnership with the Department of Defense, the Office of the Director National Intelligence, and the Committee on National Security Systems that developed the Unified Information Security Framework for the federal government and its contractors.

Dr. Ross previously served as the Director of the National Information Assurance Partnership, a joint activity of NIST and the National Security Agency. In addition to his responsibilities at NIST, Dr. Ross supports the U.S. State Department in the international outreach program for information security and critical infrastructure protection. He has also lectured at many universities and colleges across the country including the Massachusetts Institute of Technology, Dartmouth College, Stanford University,

and the Naval Postgraduate School. A graduate of the United States Military Academy at West Point, Dr. Ross served in many leadership and technical positions during his twenty-year career in the United States Army. While assigned to the National Security Agency, Dr. Ross received the Scientific Achievement Award for his work on an inter-agency national security project and was awarded the Defense Superior Service Medal upon his departure from the agency. Dr. Ross is a three-time recipient of the Federal 100 award for his leadership and technical contributions to critical information security projects affecting the federal government and is a recipient of the Department of Commerce Gold and Silver Medal Awards. Dr. Ross has been inducted into the Information Systems Security Association (ISSA) Hall of Fame and given its highest honor of ISSA Distinguished Fellow. Dr. Ross has also received many private sector information security awards and recognition including the Applied Computer Security Associates (ACSA) Distinguished Practitioner Award, the Vanguard Chairman's Award, the Symantec Cyber 7 Award, InformationWeek's Government CIO 50 Award, Best of GTRA Award, ISACA National Capital Area Conyers Award, SC Magazine's Cyber Security Luminaries, (ISC)2 Inaugural Lynn F. McNulty Tribute Award, 1105 Media Gov30 Award, and the Top 10 Influencers in Government IT Security. During his military career, Dr. Ross served as a White House aide and senior technical advisor to the Department of the Army. Dr. Ross is a graduate of the Defense Systems Management College and holds Masters and Ph.D. degrees in Computer Science from the U.S. Naval Postgraduate School specializing in artificial intelligence and robotics.

Marie Thérèse Royce

Marie Thérèse Royce is Vice President of Public Affairs, Alcatel-Lucent Americas Region. Royce is involved in the development of international trade and business initiatives in emerging markets. She is an appointed member of the Department of State's Advisory Committee on International Communications and Information Policy (ACICIP), advising the U.S. Ambassador-Coordinator. Marie is an active participant of the US-India working group for the TIA and ITI.

Prior to joining Lucent Technologies, she served as a full-time faculty member (Visiting Executive) at California State Polytechnic University, Pomona. She was recognized as Distinguished Alumna for the College of Business and also the "Legend of International Business & Marketing." In March 2013, Marie was presented with the American Women of International Understanding (AWIU) "Internationalism Award" at the Press Club in Washington, DC. The Nooristan Foundation recently recognized Marie with the "Commitment Award" for her work with Afghan Women.

Royce has held senior management positions at Marriott International, Choice Hotels International, and The Procter & Gamble Company. In 1996, she received her Master's in International Business Administration (MBA) from Georgetown University, where she was recognized "top five" in her class – Beta Gamma Sigma. As a member of the Board of Trustees of Meridian International she co-founded the Council on Women's Leadership. Marie serves as a Board member of the Indonesia-US Women's Council & serves on the Executive Council for the Congressional Families Cancer Prevention program.

Brian Scarpelli

Brian Scarpelli is a Director of Government Affairs with the Telecommunications Industry Association, the global trade association for information and communications technology (ICT) manufacturers, vendors, and suppliers. In this role he represents the information and communications technology manufacturer and vendor community to governments on a number of issues, including cybersecurity, device certification, health information technology, disability access, and other machine-to-machine (M2M) policy formations.

Matthew Scholl

Matthew Scholl is the Acting Chief of the Computer Security Division in the Information Technology Laboratory at the National Institute of Standards and Technology (NIST). His responsibilities include the divisions Cybersecurity strategic direction and planning in IT research and development, program coordination with other US Federal Agencies, international engagements, Standards Development Organization (SDO) strategy and coordination and internal logistics and operations.

In the Computer Security Division, focus areas include measures, metrics and programmatic guidance in information assurance and Cybersecurity, Cryptography, IT security test and validation, Federal Government Agency security programs, creation of reference materials and security primitives and components. Also among his responsibilities are several national programs including the NIST responsibilities for the Executive Order – Improving Critical Infrastructure Cybersecurity and the National Initiative for Cybersecurity Education.

Eric Simmon

Eric Simmon is a systems expert in the Electronic Information Group (EIG) at the National Institute of Standards of Technology. He graduated magna cum laude from Worcester, Polytechnic Institute (Worcester, MA) with an electrical engineering degree in 1989. That same year he joined the National Institute of Standards and Technology to work on precision measurements for high voltage and high current. In 2003 he joined the EIG using systems modeling to improve the standards development process.

He has worked with the international electronics manufacturing community to develop and international standard for exchanging material content data and was an original member of the NIST Smart Grid Program (leading the architecture and vehicle to grid activities).

He is presently leading the NIST cloud computing SLA effort and is project editor for the ISO/IEC 19086 “Service Level Agreement (SLA) framework and terminology” draft standard. In addition to cloud computing Mr. Simmon is leading the NIST effort in cyber-physical cloud computing and is co-chair for the NIST cyber-physical systems use case sub-group.

Andras R. Szakal

Mr. Szakal is Vice President and Chief Technology Officer IBM U.S. Federal. He is responsible for IBM's industry solution technology strategy in support of the U.S. Federal customer. Mr. Szakal was appointed IBM Distinguished Engineer and Director of IBM's Federal Software Architecture team in 2005. Before joining IBM in 1998, he was a Distinguished Member of the Technical Staff within Bell Atlantic's (Verizon) Federal Division and Broadband Systems. Mr. Szakal is an Open Group Distinguished Certified IT Architect, IBM Certified SOA Solution Designer and a Certified Secure Software Lifecycle Professional (CSSLP). Mr. Szakal leads a department of technologists responsible for developing e-Government software architectures using IBM technology and solutions. His team is responsible for designing and deploying solutions to enable smarter government by applying innovative approaches to secure service based computing and mission critical systems.

Mr. Szakal has been a driving force behind IBM's adoption of government IT standards as a member of the IBM Software Group Government Standards Strategy Team and the team focused on secure product development and cybersecurity. Mr. Szakal represents the IBM Software Group on the Board of Directors of The Open Group and currently holds the Chair of the IT Architect Profession Certification Standard (ITAC). More recently he was appointed chair of the Open Group Trusted Technology Forum and leads the development of the Open Trusted Technology Provider Framework.

He holds undergraduate degrees in Biology and Computer Science and a Masters Degree in Computer Science from James Madison University.

Elham Tabassi

Elham Tabassi is a researcher at National Institute of Standards and Technology working on various biometric research projects including biometric sample quality, fusion, and performance assessment. She is the principal architect of NIST Fingerprint Image Quality (NFIQ) which has become the defacto standard for measuring fingerprint image quality and is currently deployed in some of US Government and EU biometric applications.

She is the editor of several international biometric standards including biometric sample quality; data interchange formats for biometric data, and conformance to data interchange formats. She received ANSI's 2012 Next Generation Award, the Department of Commerce Gold Medal in 2003 for her work on biometric system performance assessment, and two Bronze Medals in 2007 and 2010 for her works on biometric sample quality and development, evaluation, and standardization of iris image records in biometric systems respectively. Her research interests are in biometric sample quality, pattern recognition, data mining, and signal processing.

Jay L. Taylor

Mr. Taylor is Director Global Standards, Codes and Environment at Schneider Electric. Jay's career in technology is long and distinguished with companies such as Texas Instruments, AT&T, Dell and Schneider Electric.

Jay's role within Schneider Electric has him routinely meet with industry organizations, standards developers, legislators, and regulators globally on cybersecurity, privacy, power conversion and data center topics. Jay's previous roles have ranged from developing and deploying satellite data communications systems providing voice, video and data internationally, to developing Lithium Ion battery and power supply technology. He advocates for new, tougher and consistent; global standards. Jay's industry leadership is driving improved sustainability and energy efficiency across the ICT ecosystem in the roles: Chair JTC1/SC39 Sustainability For and By IT, Vice Chair NEMA 1PE – Power Electronics, Co-Technical Advisor USNC IEC SC22H. Jay regularly speaks at industry forums on the topics of cybersecurity, energy efficiency, data center performance, building a bridge to efficient and secure information technology eco-systems.

Jay attained his Bachelors of Science Degree from Texas A&M University and is a proud member of the class of '77.

Rao Vasireddy

Rao Vasireddy has been working in the telecommunications industry for the past 25 years. Currently he is a Senior Director at Alcatel-Lucent Bell Labs. As a leader in the security domain, Rao established quality of security program within the corporation. His research interests include security metrics, best practices, compliance, standards, and technology evolution/strategy to secure next generation communications.

Rao has several publications and patents. He represented Alcatel-Lucent to develop security standards in ITU-T, ISO/IEC SC27, and ATIS. Rao serves on the FCC Communications security, reliability and Interoperability Council (CSRIC IV). Prior to his career at Alcatel-Lucent, Rao worked at AT&T Bell Laboratories and taught at University of Louisville.

Rao has dual Masters' degrees in Electrical Engineering and Computer Science.

Claire Vishik

Dr. Claire Vishik is Trust and Security Technology and Policy Director at Intel. Her work focuses on hardware security, trusted computing, privacy enhancing technologies, some aspects of cryptography and related policy and standards issues. Claire is a member of the Permanent Stakeholders Group (Advisory Board) of ENISA, the European Network and Information Security Agency. She is active in standards development and is representing Intel on the Board of Directors of the Trusted Computing Group and the Council of the Information Security Forum. Claire is active in developing R&D and policy strategies for cybersecurity and privacy, through participation in several initiatives and organizations in the US, UK, Germany, and other countries. She is an adviser to a number of R&D and policy projects in cybersecurity.

Claire received her PhD from the University of Texas at Austin. Prior to joining Intel, Claire worked at Schlumberger Laboratory for Computer Science and AT&T Laboratories, studying various aspects of security and Internet technologies. Claire is the author of numerous papers and reports and an inventor on 30+ pending and granted US patents.

David Waltermire

David Waltermire is the Security Automation Program Manager at the National Institute of Standards and Technology. He has been a significant contributor to the National Vulnerability Database (NVD), Security Content Automation Protocol (SCAP), Continuous Monitoring and other security automation projects. Prior to joining NIST, he worked as a security consultant advancing security automation capabilities within the government sector. His background is in systems and network operations for internet service providers and also working as a software engineer designing and developing distributed systems. His research experience includes incident handling, continuous monitoring, vulnerability/misconfiguration identification, reporting, categorization and remediation.