SPEAKER BIOGRAPHIES

Drew Azzara	Drew C. Azzara, Vice President of Corporate Development for ASTM International, has more than 28 years of experience with standards development, standard-related programs, and strategic standardization initiatives. In addition to serving on the Board of Directors of the American Association for Laboratory Accreditation (A2LA), Drew is a member of the Council for Engineering and Scientific Society Executives and sits on the steering group for the Strategic Standardization Forum for Aerospace. Drew holds a B.S. degree in Chemistry from New York Institute of Technology, and a M.S. degree in Organizational Dynamics from the University of Pennsylvania. He also has pursued further studies in Executive Management at the Wharton School.
Michael Bechauf	Michael Bechauf is the Vice President of Industry Standards at SAP AG, and currently serves as President and Chairman of the Board at WS-I. He is responsible for participation in industry standards activities and for all the company's strategies to integrate technology standards into SAP's product portfolio. Michael also serves as a member of the Java Community Process Executive Committee and the Eclipse Foundation Board of Directors. He has been working in various development management and product strategy positions for SAP AG in Walldorf, Germany and Palo Alto, California for the last 10 years.
Karl F. Best	Karl F. Best is Director of Strategic Consulting at Kavi Corporation where he advises standards organizations and industry consortia on organizational structure and policies, technical process, and best practices. He previously worked in the design of infrastructure tools for accredited and non-accredited organizations. Karl has been involved with the development of structured information systems, and has participated in and directed various international standards activities for more than fifteen years. He has organized and spoken at numerous industry conferences on standardization topics, and is the author of the Kavi Standards Blog on best practices at www.kavi.com/blog.
S. Joe Bhatia	S. Joe Bhatia began his tenure as President and Chief Executive Officer of the American National Standards Institute (ANSI) on January 1, 2006. Prior to joining ANSI, Mr. Bhatia held the position of Executive Vice President and Chief Operating Officer of the international group at Underwriters Laboratories Inc. (UL). Joe is the former chairman of the United States Standards Strategy

	Committee. He is also a member and past chairman of the U.S. Department of Commerce and U.S. Trade Representative's Industry Trade Advisory Committee on Standards and Technical Trade Barriers.
Steve Bratt	Steve Bratt joined the W3C in January 2002. He has primary responsibility for worldwide operations and outreach, including overall management of Member relations, the W3C process, 20 global offices, the staff, strategic planning, budget, legal matters, external liaisons and major events. Prior to joining the W3C, Steve served as coordinator of the Comprehensive Nuclear-Test-Ban Treaty International Data Centre in Vienna, Austria. He also served as program manager at DARPA, and research scientist and project manager at Science Applications International Corporation. He received his Ph.D. from the Massachusetts Institute of Technology, and his B.S. from the Pennsylvania State University.
Jeff Burnett	Jeff Burnett is currently Vice President of Operations & Finance at the Open Geospatial Consortium, Inc. He joined OGC in that role and became a director in 2001. Jeff has more than 30 years experience in general management, marketing management, direct marketing, and product management at a variety of high technology companies prior to joining the OGC staff. He was the director of marketing and business development for Applied Analysis Inc. of Billerica, MA, and the general manager of a business unit of Harte-Hanks Response Management. Jeff holds an MBA from Harvard University, a BA from Dartmouth College, and served in the Pacific with the U.S. Navy for 5 years.
James Bryce Clark	James Bryce Clark is the Director of Standards Development at OASIS. He joined the consortium's professional staff in 2003, and is responsible for supervising the operations and output of 50+ OASIS technical committees. Jamie started practicing law on Wall Street in 1988. Before joining OASIS, he serves as general counsel to a healthcare e-commerce company, and as a partner in a Los Angeles corporate law firm. He chaired the Electronic Commerce Subcommittee of the American Bar Association's business law section for four years, as well as the global ebXML joint coordinating committee in 2002-03. Since 2000, he has served as an expert for the U.S. State Department in the e-commerce working group of the UN Commission on International Trade Law.
Christian Dubay	Christian Dubay is Vice President and Chief Engineer at NFPA and oversees codes and standards operations at NFPA and serves as chief technical spokesperson for the Association.

	Prior to assuming responsibility for NFPA's technical operations, Chris served as Principal Fire Protection Engineer for NFPA's Automatic Sprinkler Systems Project and was editor for the 9th and 10th Editions of the Automatic Sprinkler Systems Handbook and the 1st Edition of the Residential Sprinkler Systems Handbook.
Andy Freed	Andy Freed is currently Executive Vice President and Chief Operating Officer for the association management company Virtual, Inc.
	Andy has more than 15 years of experience working with associations, non-profits and political organizations, and has run a wide range of organizations from small startups to multi-million dollar organizations with members spread throughout the globe. Prior to joining Virtual, he served as Vice President and CIO of the Massachusetts Hospital Association.
	At Virtual, Andy has served as executive director for several client associations, consulting regularly with all clients on issues of strategic planning and membership growth.
	Andy is a graduate of Harvard College and received his master's in public policy from Harvard's Kennedy School of Government.
Patricia Griffin	Patricia A. Griffin joined the American National Standards Institute (ANSI) as Vice President and General Counsel in 2004.
	Before joining ANSI she worked nearly ten years with the New York City-based law offices of King & Spalding. Her prior practice as an associate attorney at Mudge Rose Guthrie Alexander & Ferdon included a wide variety of IPR issues encompassing trademark, copyright and patent disputes.
	Patty earned her JD from Albany Law School and her BA degree from Skidmore College in Saratoga Springs, NY. She is admitted to practice in New York; New York State Court; and the U.S. District Court, Southern District, New York.
Amy Marasco	Amy Marasco is General Manager for Standards Strategy at Microsoft Corporation. In this position she leads a team that addresses strategic policy and engagement issues on a corporate-wide, global basis. Among other activities, Amy serves as a member of the Board of Directors at both the American National Standards Institute and the Telecommunications Industry Association. She also participates in a number of standards-related IPR policy groups, including the TSB Director's IPR Ad Hoc Group at the ITU-T.
	Amy joined Microsoft after serving as the Vice President and General Counsel of ANSI from 1994-2004. Prior to joining ANSI, Amy was a litigation attorney for ten years with the law firm of Cadwalader, Wickersham & Taft in its New York office.
Earl Nied	Earl Nied is the Program Director of Standards and Industry Groups for Intel Corporation's Legal and Corporate Affairs Group. He is an active participant in the American National Standards Institute

	(ANSI) Intellectual Property Rights Policy Committee and chairs the ANSI Patent Group. Earl is also a participant in the ITU-T's IPR Ad Hoc Committee, actively takes part in the European Telecommunications Standards Institute (ETSI), and is currently on the W3C Patents and Standards Interest Group, among others. In addition, Earl has been a consultant to several international standards development organizations including the Audio Video Coding Standard Workgroup of China (AVS) and the China Electronics Standardization Institute (CESI).
Robert Noth	Robert Noth is Manager of Engineering Standards for Deere & Company, where he is responsible for overseeing the development, deployment, utilization and administration of standards affecting the Deere product line worldwide. Bob also serves as a chairman of the ANSI Board of Directors. He is a former member of the Company Member Forum Executive Committee, and a former chair of the ANSI IC. Bob is active in several professional societies and standards developing organizations, including the American Society of Agricultural Engineers (ASAE), SAE International, and the Institute of Industrial Engineers (IIE). He is a graduate of the University of Dubuque with a BA in mathematics.
Gil Ohana	Gil Ohana is counsel in the Antitrust and Competition Department at WilmerHale. Gil has advised leading technology companies on acquisitions, strategic alliances, intellectual property licensing, standard-setting and distribution, as well as has coordinated responses to government investigations in the United States, Europe, Japan and Korea. Prior to joining WilmerHale, Gil was director of antitrust and competition for Cisco Systems, Inc, and served as senior attorney in the Legal Department of the Hewlett-Packard Company. From 1993 through 1996, Gil was a trial attorney with the Antitrust Division of the U.S. Department of Justice, where he participated in the Division's investigation of Microsoft's software licensing practices and its successful court challenge to Microsoft's proposed acquisition of Intuit. Gil received his law degree from Columbia University, and his BA from Harvard College.
Scott Peterson	Scott Peterson, Senior Counsel at Hewlett-Packard Company (HP), has practiced as an intellectual property attorney for nearly 25 years, primarily focusing on information technologies. He joined HP in 1991. Scott has advised on a wide range of intellectual property issues that arise in the development of standards first in the context of specific business activities, and in recent years in the development of HP policy. Scott received bachelor's and master's degrees in electrical engineering from

	the Massachusetts Institute of Technology, and a juris doctorate from the Frankin Pierce Law Center.
Chuck Powers	Chuck Powers is Director, Standards Strategy in Motorola's Corporate Standards department, a part of Motorola's Corporate Technology Office. In his current role, Chuck is responsible for corporate-wide standards development in multiple areas related to the enhancement of local connectivity in mobile devices and advances in the seamless interaction between Wireless LAN and Wide-Area Cellular networking. In addition to his technical standards work, Chuck is also responsible for providing internal and external support and oversight for IPR and other policy issues relating to Motorola's Corporate Technology Office and key businesses.
Jeff Ravencraft	Jeff Ravencraft is the Chairman and President of the USB Implementers Forum (USB-IF) industry group, Chairman of the Wireless USB Promoters group, and also serves as the USB 2.0 Promoter Group Chairman. Jeff has been actively involved in wireless technology and standards for many years. Currently, he is a technology strategist in Intel's Communication Technology Lab, part of Intel's Corporate Technology Group. In this position he leads Intel's efforts in USB and Wireless USB.
Ron Silletti	Ron Silletti is Corporate Program Director of Standards for IBM with supervision on global and domestic standards, regulations, compliance, conformity assessment, intellectual property and public policy. He is a member of the Board of Directors of ANSI, ASTM International, and the Center for Global Standards Analysis. He also represents IBM on the Information Technology Industry Council Standardization Policy Committee (ITI-SPC) and the INCITS Executive Board. Ron has been involved in consortia and standards activities since the mid-1980s. His experience ranges from trade associations such as ITAA, to consortia, such as the Network Management Forum, and industry joint development efforts. Ron graduated from the University of Dayton, and has completed an IBM sponsored program, the Presidents Class, taught by Harvard University.
Richard Taffet	Richard Taffet is co-chair of the Intellectual Property Litigation and Patent Prosecution Group at Bingham McCutchen LLP. Representing technology standards development organizations and standards development participants for more than 20 years, Richard has developed SDO patent and IPR policies, and represented parties in connection with government and litigation proceedings. He has formed an industry trade association and developed international litigation strategy for enforcement of copyright and other IP rights.

	Richard is a frequent speaker on intellectual property and antitrust issues and is a contributor to publications on such subjects. He earned his JD from Brooklyn Law School, and his BA from Sarah Lawrence College.
Andrew Updegrove	Andrew Updegrove is a co-founder and partner of the Boston law firm of Gesmer Updegrove LLP. Since 1988 he has worked with over 80 consortia, accredited standards development organizations and open source consortia, and has assisted leading technology companies in forming such organizations. In 2002, Andrew launched ConsortiumInfo.org, a source of news and information on standard setting and consortia, as well as the *Consortium Standards Bulletin* (CSB), a monthly e-journal on the same topics. A graduate of Yale University and the Cornell University Law School, he has been a director of the Gloucester Stage Company, the Treasurer and a Director of the Vinalhaven Land Trust, and the Moderator of the Old North Church in Marblehead. In January 2006, Mr. Updegrove was elected to the ANSI Board of Directors.
Philip C. Wennblom	Phil C.Wennblom is Director of International Standards, Regulations and Technology Programs for Intel Corporation. As part of Intel's Corporate Technology Group, he has world-wide responsibility for direction and coordination of Intel's standardization and regulatory efforts including standardization policy, training and coordination. He manages work with standards bodies and regulators in countries around the world, as well as with ISO, IEC and the ITU. Phil serves on the IEEE-SA Board of Governors, the IEEE-SA Corporate Advisory Group, and is vice chair of the Standardization Policy Committee of Information Technology Industry Council.