| <b>Monica Barone</b><br>Panelist, panel two | Monica Barone is Sr. Legal Counsel for Qualcomm focusing on standards and<br>intellectual property rights policy. She represents the company's interests in these<br>areas before U.S. Standards Development Organizations (SDO), associations, and<br>other fora in which Qualcomm has an interest. Prior to joining Qualcomm, Ms.<br>Barone's experience included over 10 years in the telecommunications industry<br>where she represented her clients in various settings including regulatory bodies,<br>courts, contract negotiations, and associations.   |
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|   | Ms. Barone is active in the American National Standards Institute (ANSI) Intellectual<br>Property Rights Policy Committee and recently served as Vice-Chair of ANSI's<br>Committee on Education. She is active in the Telecommunications Industry<br>Association IPR Committee, the Information Technology Industry Council Standards<br>Policy Committee, the Alliance for Telecommunications Industry Solutions, and<br>several other organizations. Ms. Barone serves as a Co-Chair for the American<br>Intellectual Property Law Association's Standards and Open Source Committee. She<br>also serves as Co-Chair of the Telecom and Mass Media Committee and is on the<br>Council of the Science and Technology Law section of the American Bar Association. |
| Dan Bart<br>Moderator, panel two            | Dan Bart, President and CEO of Valley View Corporation, consults on Strategic<br>Standardization Management, Homeland Security, National Security/Emergency<br>Preparedness, Standards Processes, Technology, Intellectual Property Rights, Privacy,<br>and other issues for the Information, Communications, and Entertainment (ICE)<br>Sector.   |
|   | Mr. Bart was Senior Vice President, Standards and Special Projects, with the<br>Telecommunications Industry Association (TIA) until he retired in 2006, but continued<br>for another year as Chief Technology Officer and Advisor to the TIA President. Before<br>joining TIA in 1993, Mr. Bart was a Senior Attorney for GTE Corporation responsible<br>for complex, multi-party, legal/technical matters affecting GTE and its subsidiaries.   |
|   | He is a licensed attorney and is active in IPR/Standards matters at the American Bar<br>Association (ABA), the Intellectual Property Owners Association (IPO), and the<br>American Intellectual Property Law Association. He is a frequent presenter on IPR and<br>Standards issues speaking to the National Institute of Standards and Technology<br>(NIST), the Smart Grid Interoperability Panel (SGIP), the Washington Metropolitan<br>Area Corporate Counsel's Association, the USPTO, and a bilateral meeting of the U.S.<br>and Chinese governments.  |
|   | Mr. Bart serves on the ANSI Board and Executive Committee and various Board<br>subcommittees. He currently Chairs ANSI's Intellectual Property Rights Policy<br>Committee, is the past Chair of ANSI's Patent Committee and Copyright Group, and<br>served as TIA's representative to the ANSI Organizational Member Forum (OMF) and<br>has also served as the OMF Chair. He is the Smart Grid Interoperability Panel (SGIP)<br>IPR Working Group Vice Chairman.   |

| Jorge Contreras<br>Panelist, panel two                    | Jorge L. Contreras serves as Visiting Associate Professor of Law at Washington<br>University where he teaches Intellectual Property Licensing and Transactions,<br>Intellectual Property in Cyberspace, and Property Law. Previously, he served as a<br>Senior Lecturer in Law and Acting Director of the Intellectual Property Program at<br>Washington University in St. Louis School of Law.<br>Professor Contreras serves as Co-Chair of the American Bar Association Section of<br>Science & Technology Law Committee on Technical Standardization and holds<br>leadership positions with ASTM International, the Smart Grid Interoperability Panel<br>(SGIP), American Intellectual Property Law Association (AIPLA), and similar<br>organizations. He recently completed a four-year term on the Council of the National<br>Human Genome Research Institute at NIH. Professor Contreras is the editor of the<br>Technical Standards Patent Policy Manual (ABA Publishing: Chicago, 2007) and has<br>published numerous articles and chapters relating to the legal issues surrounding<br>intellectual property, scientific research, and standards development.<br>Prior to joining Washington University, Professor Contreras was a partner at the<br>international law firm of Wilmer Cutler Pickering Hale and Dorr LLP, where he advised<br>organizations on intellectual property, technology transfer, and standards-related<br>issues. |
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| <b>Joseph Farrell</b><br>Panelist, panel one              | Dr. Joseph Farrell became Director of the Bureau of Economics at the Federal Trade<br>Commission in June 2009. He was educated at Oxford University, where he received<br>his D.Phil. in 1981. After teaching at MIT, he joined UC Berkeley in 1989 as an<br>associate professor and became a full professor in 1991. He was elected a Fellow of<br>the Econometric Society in 2002.<br>Dr. Farrell previously was Deputy Assistant Attorney General for Economics with the<br>U.S. Dept. of Justice, Chief Economist at the Federal Communications Commission, a<br>principal member of the technical staff at GTE Laboratories, and National Fellow at<br>the Hoover Institution. He served on the Computer Science and Telecommunications<br>Board at the National Academies of Science. He was Editor of the Journal of Industrial<br>Economics, President of the Industrial Organization Society, and Chair of Berkeley's<br>Competition Policy Center.   |
| <b>Patricia Griffin</b><br>Opening and Closing<br>Remarks | Patricia (Patty) Griffin is vice president and general counsel at the American National<br>Standards Institute (ANSI). In this position, Ms. Griffin serves as the Institute's chief<br>governance officer and oversees the administration of ANSI's legal affairs. She<br>provides counsel to all of the Institute's program-oversight committees, including<br>those groups responsible for ANSI's domestic standards and conformity assessment<br>accreditation programs. In addition, she supports the Institute's Intellectual Property<br>Rights Policy Committee (IPRPC).<br>Ms. Griffin joined ANSI in 2004 after nearly twenty years in private practice. During<br>her tenure she has handled a wide range of litigation and commercial disputes,<br>including patent, trademark, and copyright issues. She came to ANSI from the New<br>York City office of King & Spalding, where five of her ten years were spent as a<br>litigation partner.   |

| Anne Layne-Farrar<br>Panelist, panel one      | Dr. Anne Layne-Farrar, Vice President with Compass Lexecon, specializes in antitrust<br>and intellectual property matters, especially where the two issues are combined. She<br>advises clients on competition, intellectual property, regulation, and policy issues<br>across a broad range of industries, with a particular focus on high-tech. Her client list<br>includes some of the largest information technology, communications, and<br>pharmaceuticals companies in the world.  |
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|   | Her advisory work for industry leading clients has included: analyzing reasonable<br>licensing, including RAND and FRAND; analyzing patent filings for market definition;<br>assessing economic incentives and firm behavior within standard setting<br>organizations; reviewing the competitive implications of licensing pharmaceuticals;<br>calculating damages; conducting empirical research on the costs and benefits of<br>payment instruments within the United States; determining costs and benefits for<br>legislative proposals covering debit cards, labor unions, television ratings, software<br>security, and e-commerce; and assessing the antitrust implications of mergers and<br>acquisitions in a number of industries, including software, telecommunications,<br>pharmaceuticals, airlines, manufacturing, and consumer goods. |
| <b>Michael Lindsay</b><br>Panelist, panel two | Michael Lindsay is a partner in the law firm of Dorsey & Whitney LLP, where he has<br>practiced for over 25 years. Mr. Lindsay's practice focuses on antitrust matters, both<br>in litigation and in client counseling, including counseling of standards-development<br>organizations. His antitrust practice has spanned numerous industries, including<br>airlines, food retailing, medical devices and medical equipment, electronic devices,<br>home security, agricultural products, energy, and electricity. His broad litigation<br>experience includes patent and trademarks, securities, product liability, insurance<br>coverage, and general commercial litigation.   |
|   | In addition, Mr. Lindsay serves as chair of Dorsey's Antitrust Practice Group, and has<br>served as law clerk for Judge Richard Posner at the U.S. Court of Appeals for the<br>Seventh Circuit. Mr. Lindsay has taught antitrust as an adjunct professor at the<br>University of St. Thomas Law School and Hamline Law School, and he is a frequent<br>lecturer at continuing legal education programs on antitrust issues. He was the Chair<br>(2005-06) of the Minnesota State Bar Association's Antitrust Section and Vice-Chair of<br>the ABA Antitrust Section's Trial Practice Committee (2004-2008), and he is Associate<br>Editor of <i>Antitrust</i> magazine.   |

| <b>Amy Marasco</b><br>Panelist, panel one   | <ul> <li>Amy A. Marasco is the General Manager for Standards Strategy at Microsoft, leading a team that addresses strategic policy and engagement issues on a corporate-wide, global basis. She engages in policy discussions involving standards, intellectual property rights and competition law issues at numerous standards bodies and in many other forums.</li> <li>Ms. Marasco is one of three rapporteurs at the TSB Director's IPR Ad Hoc Group at the ITU-T, Co-Chairman of the Standards Policy Committee at the Intellectual Property Owners Association, and Chairman of Standards and IPR Policy Committee at the Telecommunications Industry Association. She has testified or given presentations on standards-related policy issues upon request by the U.S. Federal Trade Commission and U.S. Department of Justice (Antitrust Division), the European Commission, METI (the Japanese Ministry of Economy, Trade and Industry), and CESI and CNIS (in the People's Republic of China).</li> <li>Ms. Marasco joined Microsoft after serving as the Vice President and General Counsel of the American National Standards Institute (ANSI) from 1994-2004. Before that, she was an attorney with the law firm of Cadwalader, Wickersham &amp; Taft in New York.</li> </ul> |
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| <b>Earl Nied</b><br>Moderator, panel one    | <ul> <li>Mr. Earl Nied is the program director of standards and intellectual property rights for<br/>Intel Corporation's Global Public Policy Group where he is responsible for Intel's<br/>worldwide policies on intellectual property rights and issues relating to standards. In<br/>addition, Mr. Nied is the incoming chairman of the ANSI Intellectual Property Rights<br/>Policy Committee, and has previously served as chair of the ANSI Patent Group.</li> <li>Mr. Nied is also involved in intellectual property rights (IPR) issues with the<br/>International Telecommunications Union (ITU), Digital Europe, and the European<br/>Telecommunications Standards Institute (ETSI). Mr. Nied also participated in the<br/>World Wide Web Consortium (W3C) Patent Policy Working Group, and is currently on<br/>the W3C Patents and Standards Interest Group. In addition, he has been a consultant<br/>to several international standards development organizations including the<br/>Audio Video Coding Standard Workgroup of China and the China Electronics<br/>Standardization Institute.</li> </ul>   |
| <b>Robert Skitol</b><br>Panelist, panel two | Robert A. Skitol is a senior partner in the antitrust practice group within the<br>Washington, D.C. office of Drinker Biddle. He has more than 40 years of experience in<br>all facets of antitrust and trade regulation including litigating major antitrust cases;<br>guiding numerous mergers, acquisitions and joint ventures through intensive<br>antitrust reviews; representing clients in both FTC and Department of Justice antitrust<br>investigations; and providing in-depth counseling with regard to antitrust and related<br>ramifications of proposed collaborations, distribution and pricing arrangements.<br>Mr. Skitol has counseled extensively on antitrust aspects of industry standards<br>development processes and represented the VITA Standards Organization in<br>connection with its request for and receipt of a 2006 Department of Justice Business<br>Review Letter regarding VITA's new patent policy. He is a member of the Board of<br>Directors of the American Antitrust Institute and an Associate Editor of the ABA<br>Antitrust Magazine.  |

| <b>Richard Taffet</b><br>Panelist, panel two    | Richard Taffet is a senior member of Bingham McCutchen LLP Litigation Area. Mr. Taffet serves as lead counsel in a wide range of intellectual property, commercial litigation and antitrust matters, including international competition law. He represents both U.S. and foreign-based clients in numerous industries such as consumer electronics, telecommunications, pharmaceuticals, textiles, chemicals, software development, financial institutions, and publishing. He counsels clients in connection with protecting their intellectual property assets and the marketing and distribution of their products, and represents clients before federal agencies, including the Department of Justice and Federal Trade Commission. Mr. Taffet has represented standards setting organizations and standards development participants in litigation and counseling for almost 30 years. He was an original founding member of the ANSI Patent Group, and participates in the ANSI IPPRC on behalf of the Alliance for Telecommunications Industry Solutions. |
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| <b>E. Earle Thompson</b><br>Panelist, panel one | E. Earle Thompson is the Vice President and Chief Intellectual Property Counsel for<br>SanDisk Corporation, a global leader in flash memory solutions, and is also the<br>Managing Director of the Board of Directors for SanDisk Technologies, Incorporated.<br>He is responsible for overseeing the acquisition and protection of SanDisk's<br>intellectual property including prosecution, licensing, brand protection and litigation.<br>Since Mr. Thompson joined SanDisk in 2004, the company has collected licensing and<br>royalty revenues of over \$2.5 billion.   |
|   | Prior to joining SanDisk, Mr. Thompson retired from Texas Instruments Incorporated (TI) where he spent 25 years. His last position with TI was as the Intellectual Asset Manager. During his time at TI, he was actively involved in the licensing and litigation of patents for personal computers and semi-conductors, managed the legal aspects of TI's involvement in standards organizations, and served as the primary counsel for multiple business units including DLP. As the inventor for 27 U.S. patents himself, he also understands the intellectual property business from the inventor's side.  |
| <b>Andrew Updegrove</b><br>Panelist, panel one  | Andrew Updegrove is a co-founder and partner of the Boston law firm of Gesmer<br>Updegrove LLP. Since 1988 he has worked with over 110 consortia, accredited standards<br>development organizations, and open source foundations. He is a frequent international<br>speaker on standards and open source topics, and has testified before the U.S.<br>Department of Justice, Federal Trade Commission, and Congressional subcommittees<br>regarding standard setting and intellectual property matters. He has also filed pro bono<br>briefs with the Federal Circuit Court, Supreme Court, and Federal Trade Commission in<br>support of the standards setting process in leading standards-related litigation.   |
|   | In 2002, Mr. Updegrove launched ConsortiumInfo.org, the most extensive resource<br>on the Internet dedicated to consortia and standard setting, and Standards Today, an<br>e-Journal with thousands of government, industry, and academic subscribers around<br>the world. In 2005, he launched the Standards Blog, which reports and provides<br>analysis on issues of importance to the open standards and open source<br>communities. In 2004 he was asked to join the U.S. Standards Strategy revision<br>committee, and in 2005 received ANSI's President's Award for Journalism. He has<br>served as a member of the Boards of Directors of ANSI, the Free Standards Group,<br>and the Linux Foundation, on the Advisory Boards of HL7 and Open Source for<br>America, and as a Fellow of the OpenForum Academy.   |