

Standards Panel:

1. **Stephen Diamond**, General Manager, Industry Standards Office and Global Standards Officer, EMC Corporation, Office of the CTO

Steve Diamond has 30 years of management, marketing, business development, and engineering experience in semiconductors, systems, standards, and software. He is Chair of the IEEE Cloud Computing Initiative, and serves on the IEEE Board of Directors. Previously, he was President of the IEEE Computer Society. Steve is General Manager of the Industry Standards Office at EMC Corporation, and Global Standards Officer in the Office of the CTO. Before EMC, he was responsible for cloud computing product management at Cisco Systems in the Office of the CTO.

2. **Winston Bumpus, Director of Standards Architecture at VMware, DMTF President**

Winston Bumpus, Director of Standards Architecture at VMware, has had over 40 years of experience in the computer industry. He is currently the President of the DMTF. He has chaired activities in other standards organizations including, OASIS, and The Open Group. Prior to VMware he was Director of Systems Management Architecture at Dell and he was also Director of Open Technologies at Novell, Inc. He is co-author of the books "Common Information Model" and "The Foundations of Application Management." He has participated in the DMTF for over 15 years and worked on its early development of the Common Information Model (CIM) and Web Based Enterprise Management (WBEM) standards and is currently the co-chair of the DMTF Cloud Management Working Group.

3. **Mark A. Carlson, Principal Cloud Strategist at Oracle, SNIA**

Mark A. Carlson, Principal Cloud Strategist at Oracle, has more than 30 years of experience with Networking and Storage development and more than fifteen year's experience with Java technology. He has spoken at numerous industry forums and events. He is the chair of the SNIA Cloud Storage, NDMP and XAM SDK technical working groups, chairs the DMTF Policy working group, serves on the SNIA Technical Council, and represents Oracle on the DMTF Technical Committee and serves as DMTF VP of Alliances.

4. **Babak Jahromi, IBM, INCITS DAPS 38**

Babak Jahromi is a Principal Program Manager at Microsoft and a 20-year veteran of the software industry with hands on software development experience in operating systems and middleware. He has been involved in the development of OS/2 2.0, Windows NT 3.1, 4.0, 2000 and Windows 95 and 98 as well as Windows Communication Foundation, among others. He currently works at Microsoft Interoperability Group where he advises Microsoft product teams on emerging platform standards. Babak has a broad background in operating system architecture, programming frameworks and application development. Prior to joining the Interoperability Group, he was a development manager at Microsoft building a rich, media-intensive application for high end users using .NET, WPF and SQL server. Babak's experience with software standards goes back to 1998 where he was involved in development of IETF IPP 1.0. He has a degree in Electrical Engineering from Columbia University in the City of New York. He holds several patents in the areas of Windows Printing and Distributed Web Services Diagnostics.

5. **Alan Sill** , Senior Scientist, High Performance Computing Center Adjunct Professor of Physics, TTU; VP of Standards, Open Grid Forum

Dr. Alan Sill is currently Senior Scientist at the High Performance Computing Center and Adjunct Professor of Physics at Texas Tech University, and serves as Vice President of Standards for the Open Grid Forum (<http://www.ogf.org/standards/>). He has played a strong role in many scientific advanced computing, distributed computing, cloud and grid development efforts. He led the development team for the Texas Internet Grid for Research and Education (TIGRE) from 2005 to 2007 and has also participated in the formation of the Open Science Grid, TIGRE, Petroleum Engineering Grid (PEGrid) and Southeastern Universities Research Association SURAgrid projects. He is a charter and current member of The Americas Grid Policy Management Authority, the arm of the International Grid Trust Federation responsible for grid credential authorities for North, South and Central America. He has also served on a variety of international standards bodies, including working groups on grid security, middleware development, authentication and authorization, and remote collaboration.

Dr. Sill has coordinated large-scale software development projects for grid and distributed computing over the past three decades, including database and data access systems for high energy physics experiments and creation of large-scale, multi-user computational resources for such experiments. He earned his Bachelors degree from Lewis and Clark College in Physics and Mathematics in 1977 and his Ph.D in Particle Physics from The American University in 1987 after a brief period at Rockwell International. He was a Research Associate, Senior Research Associate and Texas National Laboratory Research Commission SSC National Fellow at the University of Rochester from 1986-1992, where his work focused on high energy physics and computational development topics at the National Laboratory for High Energy Physics in Japan, the Superconducting Super Collider design project and the Collider Detector at Fermilab in the USA.

Dr. Sill came to Texas Tech in 1992 as Assistant Professor of Physics, and held the positions of Associate Professor (1997) and Research Professor (2000) in the Physics Department before joining the TTU High Performance Computing Center in 2005. His scientific research during this period spanned a range of topics in high energy particle physics, scientific computing, and cosmic ray and particle physics detector development. Dr. Sill was involved in the early stages of the formation of the Open Science Grid (OSG) and in distributed computing and silicon detector development for the Collider Detector at Fermilab, and has since been a key contributor to many advanced computing development projects. He is an author on over 340 publications covering topics in particle and nuclear physics, scientific computation, cosmic ray and radioisotope analysis, and has organized conferences on cosmic ray detectors and grid authentication technologies.

Dr. Sill has held official formal visiting positions as Guest Scientist in the Computing Division at Fermi National Accelerator Laboratory (1992-1993 and 1999), Visiting Scientist at the Lawrence Berkeley National Laboratory (1998 and 1999, joint with Fermilab), visiting researcher at the University of Glasgow (2002) and Visiting Research Scientist at the University of Chicago Enrico Fermi Institute (2005). Dr. Sill is a past member of the SLAC E-136 and E-139, AMY, ACCESS and CDF high energy physics collaborations, and a current member of the CMS and DREAM experimental teams at the European Organization for Nuclear Physics (CERN). His hobbies include hiking and climbing, outdoor pursuits and observational astronomy.

**11:00 Need for a Reference Architecture and Taxonomy Panel:** Co-chairs: **Kevin Mills, ITL, NIST**  
Brief overview of the need for a neutral reference architecture and taxonomy for cloud computing:

Panelists:

1. **Khawaja S. Shams – Jet Propulsion Laboratory** **Pending**
2. **Gregg Brown - Interoperability Group Microsoft**

Gregg Brown is a Senior Director in the Microsoft Interoperability Group; his team is responsible for advising Microsoft product teams on emerging standards. Gregg joined the Interoperability Group from the Microsoft Windows team where he was the Lead Program Manager in the Digital Document group, responsible for the definition and delivery of all the Windows technologies relating to XPS and the Open Packaging Conventions. He joined Microsoft in 2003 to work on electronic publishing; prior to joining Microsoft, Gregg lead the Document Server program at Adobe Systems and managed the relationship between Adobe and SAP. Gregg has 22 years of experience working with enterprise-level information technology, including leading venture funded startups and eight years with IBM. He has a degree in Engineering from the California Institute of Technology.

3. **Chris Hoff – CISCO, CSA** **Pending**

4. **Brian Hughes, VP, BU Strategy, CA Technologies**

Brian has over 34 years experience in the IT industry. He joined Johnson Systems in 1981 as a Systems Engineer, and worked his way up to European Technical Manager, prior to Johnson Systems' acquisition by Computer Associates.

Whilst at CA, Brian has worked in the UK, Germany, and the USA; and has held a number of positions, both Technical and Managerial, in Development, Operations, Support and Field Organizations, including the Architecture Center of Excellence.

He is currently working on the standardization of metrics and measures to allow for Industry comparisons within the Cloud Computing space.

In his immediately prior role his focus was on improving the quality, and reducing the cost and complexity, of design and architecture projects within the IT realm, especially with regard to Process, Technology, & Organizational integration.

Brian has a broad range of experience, but specializes in: IT Process Management (including ITIL), Solution/Systems Analysis & Design, Enterprise/IT alignment, System Integration, Impact Analysis, Cloud Computing, Performance & Capacity Management and Architecture & Modeling.

12:05 **Cloud Security Panel: Chair Ari Schwartz, NIST** - A special focus session on IT Security in the context of Cloud Computing

Panelists:

**1. Mark Bohannon, Vice President of Corporate Affairs and Global Public Policy at Red Hat**

Mark Bohannon is Vice President of Corporate Affairs and Global Public Policy at Red Hat, Inc., the world's leading provider of open source solutions. He leads Red Hat's worldwide team representing the company's interests before policy makers in government, industry consortia, and other venues on issues such as technology and innovation policy, open source and standards adoption, intellectual property legislation, government technology initiatives, and tax regulation.

Bohannon joined Red Hat from the Software & Information Industry Association (SIIA), the principal U.S. trade association for the software and digital content industry, where he was Senior Vice President, Public Policy. During his ten years at SIIA, Bohannon was responsible for the association's government relations agenda. He worked with leading software companies on strategic trends affecting company products and services. Among his leadership roles, Bohannon served as chairman of the Executive Committee of the United States Information Technology Office (USITO), the voice of the United States ICT industry to China in 2007-2008.

Earlier in his career, Bohannon was a senior official at the U.S. Department of Commerce where he served as Chief Counsel for Technology and Counsellor to the Under Secretary for Technology. He provided strategic advice on a broad array of technology, trade, intellectual property, computer security, encryption and competitive initiatives and facilitated public-private partnerships and technology joint ventures. Bohannon also served on numerous United States Government delegations to bilateral negotiations and multilateral bodies and served as Vice Chair of the OECD's Working Party on Information Security and Privacy.

**2. Doc Shankar, IBM**

Doc Shankar is a Distinguished Engineer at IBM. At IBM, he has held a variety of technical and management positions. He has extensive experience in space systems, software engineering, AI, operating systems, open source software and computer security. He is currently with the IBM Federal team with particular focus on Security in Open Systems, SOA, Cyber Space and Cloud Computing. He has a Ph.D in Computer Sciences from UC, Berkeley.

**3. Emery Csulak, Director, Information Security Compliance, Department of Homeland Security **Pending****

**4. Carl J. "CJ" Moses, Senior Manager, AWS Security**

CJ Moses is Senior Manager, Amazon Web Services (AWS) Security. His duties at AWS include leading secure product design, management, and development efforts focused on bringing the competitive, economic and most importantly the security benefits of cloud computing to business and government customers.

Prior to joining AWS, Mr. Moses had an extensive career within the Federal Government, most recently with the Federal Bureau of Investigation (FBI), where he served as an Assistant Section Chief.

His responsibilities at the FBI's Cyber Division included leadership of the technical analysis of computer and network intrusion activities as well oversight of malicious code analysis and computer exploitation tool reverse-engineering.

Mr. Moses was previously a US Air Force Office of Special Investigations (AFOSI) Special Agent. During this time he served as the lead case agent on many of the nation's most critical computer intrusion investigations. He has also served as the Law Enforcement/Counterintelligence Coordinator to the LE/CI Center within the Department of Defense's Joint Task Force – Global Network Operations and Chief of the Inter-Agency Coordination Cell at FBI headquarters.

Mr. Moses has undergraduate degrees in Computer Science and Criminal Justice, and is a Sports Car Club of America, Divisional Racing Champion.

2:00 **Cloud Issues Panel:** Chair Dave McClure, GSA

Panelists:

**1. Jim Reavis – CSA**

For many years, Jim Reavis has worked in the information security industry as an entrepreneur, writer, speaker, technologist and business strategist. Jim's innovative thinking about emerging security trends have been published and presented widely throughout the industry and have influenced many. Jim is helping shape the future of information security as co-founder, executive director and driving force of the Cloud Security Alliance. Jim was recently named as one of the Top 10 cloud computing leaders by SearchCloudComputing.com.

**2. Frank Peluso – Centuric, SFTA**

As President of Centuric, LLC since 2002, Mr. Peluso is responsible for business development, product development, client service, compliance and the development of strategic partnerships. Mr. Peluso's diverse technical and management experience lends expertise to the implementation of compliant business and information system infrastructures, as well as business and information system risk mitigation.

Previously, from 1993 to 2002, Mr. Peluso held executive management positions in Information Technology at Renaissance Cruises, a leading cruise line and touring company operating ten cruise ships worldwide. As Vice President and CIO of Information Technology, he was responsible for a variety of corporate and shipside initiatives, such as eBusiness infrastructure development including topology technical architecture, data security, legacy system re-engineering; business process analysis and risk assessment, and system infrastructure development aboard newly construction vessels. Additionally, Mr. Peluso served as Director of Information Services for TRW.

His knowledge in many different platforms ranges from mid-range systems to PC servers and well as cloud computing and datacenter operating systems.

Mr. Peluso is a graduate of Florida International University's Computer Science Program. Among many of the certifications and achievements of Mr. Peluso, he is a Certified Information Systems Security Professional and he is InfoSec Assessment Methodology (IAM) Certified by the National Security

Agency. He formerly served as President of the Miami Chapter of InfraGard and received a Bronze Medal from the US government and an award from the Federal Bureau of Investigation's (FBI's) InfraGard.

### **3. Peter Tseronis –DOE, Acting Associate CIO for Advanced Technology & Systems Integration**

Recognized as a Federal Information Technology (IT) thought leader and among the Federal Government's top public speakers and communicators on cutting edge information management and technology, Peter Tseronis is the Deputy Associate Chief Information Officer at the U.S. Department of Energy (DOE). Prior to joining DOE, he served as the Chief Technology Officer and Director of Network Services for the U.S. Department of Education (ED).

A Fed-100 award winner, he has been consistently engaged in key government-wide transformation programs and initiatives. He is currently the Chairperson of the new Federal Cloud Computing Advisory Council. His service includes being: Chairman of the Federal CIO Council's IPv6 Working Group; a member of the Interagency Management Council for Federal Telecommunications; a member of AFCE; a board member of the Independent Telecommunications Pioneer Association; a government advisory panel member of the ACT-IAC Networks and Telecommunications SIG; and co-vice president of Programs for the AFFIRM.

Mr. Tseronis received his B.A. in Communications from Villanova University and his M.S. in Information and Telecommunication Systems from Johns Hopkins University in Baltimore, MD.

### **4. George Strawn, Director, National Coordination Office (NCO) for the Networking and Information Technology Research and Development (NITRD)**

Dr. George O. Strawn is the Director of the National Coordination Office (NCO) for the Networking and Information Technology Research and Development (NITRD) interagency program. He also serves as the Co-Chair of the Subcommittee on NITRD. The NCO reports to the Office of Science and Technology Policy (OSTP) within the Executive Office of the President.

Dr. Strawn is on assignment to the NCO from the National Science Foundation (NSF), where he most recently served as Chief Information Officer (CIO). As the CIO for NSF, he guided the agency in the development and design of innovative information technology, working to enable the NSF staff and the international community of scientists, engineers, and educators to improve business practices and pursue new methods of scientific communication, collaboration, and decision-making.

Prior to his appointment as NSF CIO, Dr. Strawn served as the executive officer of the NSF Directorate for Computer and Information Science and Engineering (CISE) and as Acting Assistant Director for CISE. Previously, Dr. Strawn had served as the Director of the CISE Division of Advanced Networking Infrastructure and Research, where he led NSF's efforts in the Presidential Next Generation Internet Initiative.

Prior to coming to NSF, Dr. Strawn was a Computer Science faculty member at Iowa State University (ISU) for a number of years. He also served there as Director of the ISU Computation Center and Chair of the ISU Computer Science Department. Under his leadership, ISU became a charter member of MIDNET, a regional NSFNET network; he also led the creation of a thousand-workstation academic

system based on an extension of the MIT Athena system; and under his leadership, the ISU Computer Science department was accredited by the then-new Computer Science Accreditation Board.

Dr. Strawn received his Ph.D. in Mathematics from Iowa State University and his BA Magna Cum Laude in Mathematics and Physics from Cornell College.

**3:15 Global Cloud Computing Perspective Panel: Chair – Robin Roark Associate Director of the Office of Technology and Electronic Commerce, U.S. Department of Commerce International Trade Administration**

Panelists:

**1. Dan Burton – Salesforce.com VP Senior Vice President, Global Public Policy, TechAmerica**

Daniel Burton is Senior Vice President, Global Public Policy for salesforce.com. He has played a leadership role in the development of US technology policy for over twenty years. Prior to joining salesforce.com in January 2006, he served as Vice President of Government Affairs for Entrust and for Novell. He was also President of the Council on Competitiveness where he was a pioneer in the effort to establish government technology policies for the US high-tech industry.

Mr. Burton holds an MA in political economy from Columbia University, a BA from the University of Pennsylvania and a Diplome de Langue et Civilisation Francaises from the Sorbonne. He is a member of the Council on Foreign Relations, a member of the board of the Software and Information Industry Association (SIIA), and a member of the board of the Washington Project for the Arts.

He has edited three books, including Vision for the 1990s: US Strategy and the Global Economy, and written numerous articles on technology policy and competitiveness, which have appeared in Foreign Affairs, Foreign Policy, The New York Times, The Washington Quarterly, and Scientific American.

**2. Danielle Kriz -- Information Technology Industry Council (ITI) Global Cyber Security**

As director for global cybersecurity policy, Danielle Kriz leads ITI's work advancing the high-tech industry's positions on cybersecurity issues both domestically and abroad.

Before joining ITI, Kriz was a managing associate at Canyon Snow Consulting in Silicon Valley, where she implemented government affairs strategies for high-tech and clean-tech companies. Her areas of focus included privacy and cybersecurity, broadband, clean energy policy, and innovation and entrepreneurship.

Kriz also spent seven years in the Office of Technology & Electronic Commerce (OTEC) in the Department of Commerce's International Trade Administration, where she focused on high-tech policy issues in Europe and Latin America and later managed the Department's IT and e-commerce trade negotiations with Japan. She also worked on cybersecurity policy vis-à-vis Japan and Korea at Commerce and in 2004 was awarded the "Women in Cyber Security Award" by the Women's High Tech Coalition. Prior to her time at Commerce, Kriz was a software industry analyst at the U.S. International Trade Commission. She has lived in Japan and speaks Japanese.

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.

### **3. Jean-François Junger, European Commission, Head of Sector**

After 10 years of work as a robotic engineer at JET (Joint European Torus) a fusion research centre, JF Junger joined the Commission. First he worked from 1998 until 2001 in DG RTD on the subject of waste water as part of FP5 and on the Endocrine Disruptors. Then he moved to DG INFSO in the software unit for two years where he was in charge of the "Open Source Software" subject. In 2003 he joined the eTEN unit as part of the programme and followed project in many different domain. Since the launch of the CIP ICT-PSP programme in 2007, JF Junger, head of sector in the "ICT for Government and Public Services" unit of the European Commission has been supporting and promoting the launch of the large scale pilot with Member States. Furthermore he is very active in the domain of cloud computing and clouds of public services.

### **4. Jerry Smith, OASIS**

Jerry Smith, Computer Scientist, leads the International Standards Program in the Defense Information Systems Agency (DISA) - the Department of Defense's (DoD) Executive Agent for centralized life-cycle management of information technology standards.

Mr. Smith coordinates the Department's participation in global public and private sector Information Technology standards activities representing the U.S. at the national and international level. He has a BS degree from Michigan State University and MS degree in Regional Science from the University of California at Berkeley.

### **5. Joanna Gordon**

Joanna Gordon graduated with a Masters Degree in Business Administration from Insead, France in 2004 and joined the World Economic Forum's IT Industries Team in 2007. As head of the Information Technology Industries Team, Joanna Gordon is responsible for managing a community of top industry leaders, knowledge experts, civil society leaders and government and public figures in pursuit of changing the state of the world. She is responsible for strategy and programme development for the technology sector. In her role she is overseeing the World Economic Forum's project on the "Future of Cloud Computing", "ICT and Sustainability" as well as the 'Global Information Technology Report'.

The World Economic Forum is an independent, international organization incorporated as a Swiss non-profit foundation. Members of the organization strive towards a world-class corporate governance system where values are as important a basis as rules. Its motto is 'entrepreneurship in the global public interest'. It asserts that economic progress without social development is not sustainable, and social development without economic progress is not feasible.