Panel Sessions

SRII Panels are a unique opportunity for engaging industry thought leaders in insightful conversations. Speakers will share their perspectives on the future of their industries and engage with each other as well as the audience to further explore where their perspectives differ or align.

1.0 Panel Session: “IT Innovation for Heath Care Services”

This panel session will discuss the following subjects:

- Big data, Analytics and Semantics for Health Care Services
- Cloud & Mobile Services for Health Care
- Focus on outcome: Patient Treatment/Experience/ Safety

Panel Speakers will include:

Dr. Yan Chow
Panel Moderator/SIG Leader
Director of Kaiser Permanente (KP) Information Technology’s Innovation & Advanced Technology

Dr. Yan Chow is the Director of Kaiser Permanente (KP) Information Technology’s Innovation & Advanced Technology Group (IAT). IAT identifies, assesses, and makes internal recommendations on new and emerging clinical information technologies that will impact health care in the next 2 to 5 years. IAT is affiliated with KP’s Sidney R. Garfield Center for Health Care Innovation, an advanced 37,000-sf laboratory for care delivery simulation.

Dr. Chow has had a successful clinical practice at KP for 26 years. For 10 of those years, he was also involved in regional IT management. Dr. Chow has founded and advised a number of start ups in the Internet, health care technology, storage, and database spaces. In 2004 he was awarded 3 U.S. patents for co-inventing a network storage architecture 2 orders of magnitude faster than competitive designs. He also developed commercial database software that accelerated very large database (VLB) processing 240-fold. He has been an author and invited speaker at industry conferences. Dr. Chow earned his A.B. with honors from Harvard University and his M.D. from the University of California at San Diego. In 2005 he received his MBA from the University of California at Berkeley’s Haas School of Business, where he graduated as valedictorian.
Ajit Singh
Partner at Artiman Venture & SRII Advisory Board Bember

Ajit is currently a partner at Artiman Ventures and focuses on early-stage Technology and Life Sciences/Med-Tech investments. On behalf of Artiman, he serves on the Board of Directors of Cardio Dx Inc., Onco Stem Diagnostics Pvt Ltd, and Aditazz Inc.

Ajit is also a Consulting Professor in the School of Medicine at Stanford University and is the Lead Director on Board of Directors of Max Healthcare based in New Delhi, India.

Prior to joining Artiman, Ajit was the President and CEO of Biolimagene, a Digital Pathology company specializing in Cancer Diagnostics, based in Sunnyvale, CA. Biolimagene was acquired by Roche in September 2010. Before Biolimagene, Ajit spent nearly twenty years at Siemens in various roles, most recently as the Chief Executive Officer of the Digital Radiology business of Siemens Healthcare based in Germany. From 2001 to 2006, Ajit was the President and CEO of the Oncology Care Systems Group of Siemens, with global headquarters in Concord, California. Between 1996 and 2001, Ajit held the positions of Group Vice President of Siemens-Health, and Vice President of Siemens Health Services based in Princeton, NJ, where he led the company’s Healthcare IT business and Consulting Practice. Before transitioning to these business responsibilities, Ajit spent several years in R&D and academia.

From 1989 to 1995, he was at Siemens Corporate Research in Princeton, responsible for research in the areas of artificial intelligence, robotics, computer vision, and image analysis. During this time, he concurrently served on the faculty at Princeton University.

Ajit has a Ph.D. in Computer Science from Columbia University, a master’s degree in Computer Engineering from Syracuse University and a bachelor’s degree in Electrical Engineering from Banaras Hindu University, India. Ajit is an active speaker in the Life Sciences, Information Technology, and Entrepreneurship communities. He has published two books and numerous refereed articles, and holds several patents.
Dan Riskin
MD/ CEO, Life Sciences Health Fidelity, Menlo Park, CA

Dan Riskin is the CEO of Health Fidelity and a Consulting Assistant Professor of Surgery at Stanford University. He has developed and commercialized products in obesity treatment, wound closure, and healthcare information technology. He also dedicates a portion of each month to academic medicine: caring for patients, teaching resident physicians, and publishing on best practices in healthcare technology creation, evaluation, and adoption.

Dan was named one of the top 35 innovators under 35 by Technology Review and won the AMA Leadership Award in 2005. He subsequently served on the Obama Campaign Healthcare Advisory Committee in 2008. He has been an invited speaker on medical technology creation and venture development at the NIH, NSF, NASA, IBM, HP, Harvard, Stanford, and MIT.

His medical credentials include a MD from Boston University, residency in surgery at UCLA, and fellowship in critical care and acute care surgery at Stanford University. He is dual boarded in surgery and critical care. Dan's business training includes a MBA with a focus in biomedical engineering from MIT Sloan School of Management and the Stanford Biodesign Fellowship.

Marc Olesen
President and COO at DNAnexus

As President and COO of DNAnexus, Marc is responsible for the commercial activities and internal operations of the company. He has over 20 years of professional experience in software and cloud-based solutions. His extensive background includes organizational leadership, business management, and solution development. Before joining DNAnexus, Marc was the Senior Vice President & General Manager for McAfee’s Network and Cloud Security business. Marc was responsible for the worldwide growth of this business and drove unified strategies for Engineering, Marketing and Sales. Prior to McAfee, Marc was the Vice President of Software-as-a-Service at HP, where he led the SaaS for IT management business. Before HP, Olesen was the Senior Director of Customer Service for Qwest CyberSolutions, where he was responsible for global application management services. Marc also held positions at BearingPoint, Remedy and Oracle. Marc has a master’s degree in Industrial Engineering and a bachelor’s degree in Economics, both from Stanford University.
Dan Gonos, an HP Fellow, is the Chief Technologist for HP Enterprise Services Healthcare and Life Sciences. As a Fellow, Gonos leads the program’s activities for HP clients in healthcare, life sciences and government worldwide.

Gonos has more than 25 years of IT experience, including information technology strategy and planning, business and technology assessments, new business development, capacity and performance planning, performance review, software archeology, methodology development, and requirements definition and management. He is an expert in developing technological implementations of business process improvements through the application of best practices. In 2005, Gonos was named EDS Distinguished SE. As an EDS Distinguished SE, he worked on and assisted with significant EDS internal and external technological problems based on expertise, often acting as an applied technology expert leading large-scale projects.

Gonos was the chief technologist on EDS’ Welfare Client Data Systems project since 1997. He is responsible for overall technical delivery of the CalWORKS Information Network (CalWIN) system.

Previously, Gonos served as the lead architect for the Texas Department of Human Services Texas Integrated Enrollment System (TIES) project where he developed business process and technology innovations in government.

Gonos joined EDS in 1986 as a trainee in the Systems Engineering Development Program. During his career with EDS, he has directed the development of numerous systems nationally, including the EDS Eligibility Solution offerings where EDS’ clients have won government and industry awards for technology and process innovation.

Gonos is a member of the American Public Human Services Association (APHSA). Gonos is a featured speaker at industry conferences and has written numerous articles and publications. He holds two active U.S. patents and has four U.S. and European patents pending in the areas of data archival and recovery, capacity and performance planning, estimating, and multi-lingual document processing.
2.0 Panel Session on “Cloud & Mobile Services”

This panel will cover the following subjects:

- Cloud Services Business Models, Work Loads,
- Mobile Use of Cloud Applications
- Compatibility across Mobile and Cloud platforms
- APIs—Virtualization/Interoperability
- Security & Privacy challenges/solutions
- “Call to Action” / Define key focus areas/deliverables for SRII Cloud/Mobile Services SIG

Panel Speakers will include:

**Sharad Singhal**  
Distinguished Technologist at Hewlett Packard Laboratories. Panel Lead/Moderator

Sharad is a Distinguished Technologist at Hewlett Packard Laboratories. Prior to joining HP, he worked at Bell Laboratories on speech coding, and at Bellcore (now Telecordia) where he both conducted and managed research in a number of areas including speech and video processing, neural networks, middleware and personal communications services.

Since 1997, he has been at HP Laboratories, where he has led teams that have developed techniques for monitoring and managing service level agreements; methods for controlling service quality in multi-tier applications, resource allocation and assignment algorithms; as well as architectures for management of large-scale data centers and cloud computing.

Sharad obtained his B. Tech degree from the Indian Institute of Technology, Kanpur, and his MS. and PhD degrees from Yale University.

**Klaus Oestermann**  
Group Vice President and General Manager, Cloud Networking Group, Citrix System

Klaus Oestermann is responsible for the Cloud Networking Group’s development efforts, revenue attainment, product marketing, product management and overall strategic direction. Klaus has held a variety of executive positions within the company in the US, including consecutive VP and GM roles for the NetScaler Product Group, as well as Application Networking Group and Cloud & Networking Group. Prior to that, he was Area Vice President for the Western Region, United States, and senior director of worldwide channel strategies & development, and senior director for enterprise & ISV partners.

In Europe, he was Citrix sales director for the Nordic Region of Europe. Prior to 1999 when Klaus joined Citrix, he was CEO at CMA Systems (Denmark), and worked at IBM Corporation.
Jinesh Varia  
Technology Evangelist at Amazon.com

Jinesh Varia has over 15 years of experience in XML and Web services and has worked with standards-based working groups in XBRL. Prior to joining Amazon as Technology Evangelist, he held several positions in UB matrix including Solutions Architect, Enterprise Team lead and Software developer working on various IT services projects. Jinesh major focus at Amazon has been helping businesses take advantage of disruptive technologies like Cloud Computing, Big Data, Distributed systems and Webs Services that are changing the way businesses compete in the new web world. Jinesh’s work has been published in ACM and IEEE

Thomas Renner  
Head of Electronics Competency Center, Fraunhofer IAO, Stuttgart, Germany

Thomas Renner is the head of department responsible for a large number of information and communication technology projects at Fraunhofer. His current focus areas include the following: Cloud computing (business models, technologies, software as a service), e-business strategies, inter-organizational business networks, agile business process management and process portals as well as automation of services. Several spin-off companies have been founded based on Fraunhofer technologies and project results.

Thomas Renner has studied electrical engineering at Stuttgart University and at Oregon State University, Corvallis, USA. His work has been published in numerous papers and presentations.

Thomas plays a key leadership role in SRII Global leadership team in the areas of Cloud Services, Business Process Innovation as well as driving SRII key initiatives in Germany/Europe.
Marc Wilkinson  
Director, Cloud Global Practice, HP Enterprise Business

As director of Cloud Global Practice, Marc Wilkinson is responsible for the Cloud Portfolio and Strategy across HP Software Services. The Cloud Global Practice is responsible for identifying and creating repeatable solutions, best practices, artifacts and intellectual property to accelerate the adoption or provision of cloud solutions and improve the time to value for the customer.

Prior to this, Wilkinson ran the IT Service Management (ITSM) and Business Service Management (BSM) Global Practices as part of HP Software Services. Wilkinson also has held the position of regional chief technology officer of HP Software, focused on the communication, media and entertainment market, and was the bridge between software portfolio planning/direction and major customers. A key part of Wilkinson’s role was to provide insight into the strategy and direction of HP Software while translating and championing customer needs and market demands within HP Software’s research and development organization.

In all of these roles, Wilkinson has regularly provided guidance and advice to HP’s global enterprise customers regarding their strategy, transformation and architectural direction including emerging topics such as cloud and new service delivery models; how they can best capitalize on the opportunity; and how HP can help them achieve their objectives.

Wilkinson has more than 20 years of experience in IT with more than 15 years of involvement in designing, implementing and supporting business, service and infrastructure management solutions. Prior to joining HP, he was deputy chief technology officer and head of architecture and portfolio product management at RiverSoft and Micromuse, responsible for medium- and long-term portfolio direction.
Enrique Castro-Leon is an Enterprise Architect and Technology Strategist at Intel working in topics encompassing from technology integration for highly efficient data centers including the infrastructure for cloud computing to emerging usage and service models for cloud computing and assisting strategic product planning.

As a technology strategist Enrique has been doing research on the disruptive effects stemming from the adoption of emerging technologies in the marketplace. He is the lead author of a book in preparation on the convergence of virtualization, service oriented methodologies and distributed computing titled The Business Value of Virtual Service Grids: Strategic Insights for Enterprise Decision Makers. He is also the lead author of a second book, Creating the Infrastructure for Cloud Computing: An Essential Handbook for IT Professionals. Enrique has a strong interest in innovative business models for cloud computing and the applicability to emerging economies. He has published over 40 articles and journal papers.

Enrique holds Ph.D. degree in Electrical Engineering and M.S. degrees in Electrical Engineering and Computer Science from Purdue University, and a BSEE degree from the University of Costa Rica.
3.0 Panel Session on: “Big Data and Advanced Analytics”

This panel will focus on:

- Key Big Data and Advanced Analytics concepts such as structured vs. unstructured data, SQL vs. NoSQL, the need for scaling through automated methodologies such as machine learning and the trend towards ‘Democratization of Data’
- The Big Data / Advanced Analytics ecosystem from infrastructure, middleware, end client solutions to the war for talent
- How Big Data and Advanced Analytics solutions are addressing real end-customer business needs
- How are companies solving concerns regarding privacy, security, and intellectual property rights in a Big Data / Advanced Analytics world

Arijit Sengupta
SRII New Venture Partnership/ Panel Moderator
Founder & CEO, BeyondCore

Arijit Sengupta is the CEO of BeyondCore, the Chair of the Cloud Computing Chapter of the International Association of Outsourcing Professionals (IAOP), and a member of the Indian Cyber Security Advisory Group. BeyondCore was selected a Gartner Cool Vendor in Business Process Services, 2012 and won the Overall Most Innovative Cloud Provider award at the Up 2010 Cloud conference ahead of more than 150 firms. BeyondCore’s SplitSecure Cloud Privacy solution was among the top three Cloud Infrastructure solutions at the GigaOm Structure 2011 conference. Arijit has guest lectured at Stanford and other universities on globalization and outsourcing; spoken at conferences in a dozen countries; and has been written about in The World Is Flat release 3.0, the New York Times, San Jose Mercury News, and other leading publications. Arijit held leadership positions at several eBusiness initiatives and previously worked at Oracle, Microsoft, and Yankee Group. He has received eight patents in the domains of Business Process as a Service, advanced analytics, business process improvement, privacy and information security. Arijit holds an MBA with Distinction from the Harvard Business School and Bachelor degrees with Distinction in Computer Science and Economics from Stanford University.
David Yen
Senior Vice President and General Manager – Data Center Group, Cisco

David Yen is Senior Vice President and General Manager of the Data Center Technology Group at Cisco which includes Data Center Switching, Servers, Storage and Load Balancing. He is responsible for continuing the success of the Cisco Unified Computing System and Cisco Nexus switching portfolios, and for taking Cisco’s leadership in the data center to the next level.

Yen has nearly three decades of knowledge, expertise, and passion for engineering excellence. Before joining Cisco, he was the Executive Vice President and General Manager of the Fabric and Switching Business Group at Juniper Networks, where he led the QFabric multiyear initiative in data center network research and development. Previously he spent over 20 years at Sun Microsystems, Inc. In the 1990s, he led the development of Sun’s first- and second-generation multi-CPU SMP servers, which transformed Sun from a workstation company to a leading enterprise server company.

Yen holds a bachelor’s degree in electrical engineering from the National Taiwan University and a master’s degree and doctorate in electrical and computer engineering from the University of Illinois at Urbana-Champaign. He holds three U.S. patents.

Anjul Bhambhri
SRII “Big Data” SIG
VP of Big Data at IBM

Anjul Bhambhri is the Vice President of Big Data Products at IBM. She was previously the Director of IBM Optim application and data life cycle management tools. She is a seasoned professional with over twenty-two years in the database industry. Over this time, Anjul has held various engineering and management positions at IBM, Informix and Sybase. Prior to her assignment in tools, Anjul spearheaded the development of XML capabilities in IBM’s DB2 database server. She is a recipient of the YWCA of Silicon Valley’s ‘Tribute to Women in Technology’ award for 2009. Anjul holds a degree in Electrical Engineering.
Kevin Brown
CEO, Coraid

Kevin Brown is CEO of Coraid, a data storage vendor with over 1500 customers including Ford, GE, Sony, U.S. Department of Defense, Shutterstock, Splunk, Tableau, Yelp, and France Telecom. Coraid's EtherDrive platform combines the scalability and economics of cloud infrastructure with the performance and resilience of enterprise-class storage arrays. Top use cases include virtualization, cloud, video, and big data analytics.

Before joining Coraid, Kevin served as President and CEO of Kidaro, a desktop virtualization software vendor, where he led the team to a leadership position in this emerging segment. Kidaro was acquired by Microsoft in May 2008 and incorporated as a key element of Windows virtualization. Prior to joining Kidaro, he served as a vice president on the original executive team of storage security vendor Decru, where he led worldwide marketing, business development, and product management. Following the acquisition of Decru by Network Appliance, Kevin stayed on as a vice president and helped the company achieve #1 market share and global adoption across the financial services, healthcare, telecommunications, manufacturing, and government sectors. As one of the leading experts on storage security, he served as an advisor to the U.S. Congress, Federal Trade Commission, and U.S. Department of Defense. Previously, Kevin was a key member of the founding team of Inktomi, a pioneering infrastructure software firm, where he served in a number of executive positions, including Vice President and General Manager of Inktomi's networking business. Kevin is a Fellow at UC Berkeley's Haas School of Business, Lester Center for Entrepreneurship, and earned his Bachelor's and MBA degrees at UC Berkeley, where he served as MBA class president.
Mark Gorenberg is a Managing Director of Hummer Winblad Venture Partners. Mark joined co-founders Ann Winblad and John Hummer as Hummer Winblad Venture Partners began investing our first fund in 1990. Prior to Hummer Winblad Venture Partners Mark was at Sun Microsystems where he managed emerging new media areas and was a member of the original SparcStation team. Over the last 20 years Mark has served as a board member for numerous successful Hummer Winblad start-ups, including Omniture (IPO and acquired by Adobe), AdForce (IPO and acquired by CMGI), NetDynamics (acquired by Sun Microsystems) and Scopus Technologies (IPO and acquired by Siebel) and Crowdfactory (acquired by Marketo). Currently, he serves as a Director of 6connect, Aria Systems, Cenzic, Domo, ontheFRONTIER, Signal Demand, OptiMine, and InsideSales. In 2011, Mark was appointed by President Barack Obama to the President’s Council of Advisors on Science and Technology (PCAST), a 21-person advisory group of the nation’s leading scientists and engineers (www.whitehouse.gov/ostp/pcast). Mark is a member of the Board of Trustees of the Massachusetts Institute of Technology Corporation, a member of the Steering Committee of Deshpande Center for Technological Innovation at MIT, the Leadership Board of the McGovern Institute for Brain Research at MIT, the Technology Advisory Committee of the Federal Communications Commission (FCC), and the Board of the H. John Heinz III Center for Science, Economics, and the Environment. In 2012, Mark also became a Director of the National Venture Capital Association (NVCA). Mark received a B.S.E.E. from MIT, an M.S.E.E. from the University of Minnesota, and an M.S. in Engineering Management from Stanford University.
Dr. David Tennenhouse, Partner, joined New Venture Partners and opened its Silicon Valley office in 2007. He is focused on developing relationships with corporate R&D teams and strategic business units. David joined New Venture Partners from Amazon.com where he was Vice President of Platform Strategy and CEO of its A9.com subsidiary. Prior to Amazon/A9, David was Vice President and Director of Research at Intel Corporation where he pioneered an "open collaborative" approach to corporate research. This was, in part, based on his earlier work as DARPA's Chief Scientist and Director of its Information Technology Office. At both DARPA and Intel, he was involved in the strategic planning and execution of programs related to a wide range of technologies, including networking, wireless communications, computer architecture, distributed computing, machine learning, search / data mining, image processing, robotics, MEMs, healthcare, and nano/bio-technology.

He is currently a Director of Alverix, Inc., a member of the FCC’s Technical Advisory Council and a Trustee of the International Computer Sciences Institute (ICSI). David is the sole venture capital participant in reviews of Boeing's Enterprise Strategic Growth program and is on the advisory boards of Carnegie Mellon University's School of Computer Science and the U.C. Berkeley’s Department of Mechanical Engineering. He has held academic appointments at MIT in the Department of Electrical Engineering and Computer Science, and in the Sloan School of Management.
4.0 Panel Session on: “High-Performance Technical Computing as a Service”

This panel will cover the following subjects:

- Digital Manufacturing and high-performance technical computing (HPTC)
- HPTC end-users in small and medium enterprises
- Accessing and using remote HPTC systems
- Barriers for HPTC as a Service
- The HPTC Cloud

The panelists will answer the following questions:

- Why should SMEs consider HPC? What are the game-changing benefits for them?
- What are currently the main roadblocks for adopting HPC in the SME community?
- Isn’t HPC far too complex to become a viable Service?
- How would the ideal HPC as a Service solution look like?
- What can WE do (as an SRII Special Interest Group) to support and speed-up adoption of HPC as a Service?

This panel will bring together two major recent HPTC trends in the context of HPC services: HPTC Cloud services a la Amazon EC2, Nimbis Services, SGI Cyclone, Penguin on Demand, and Fujitsu Technical Cloud; and Digital Manufacturing for Small and Medium Enterprises. Many of these SMEs need HPTC, but most of them are still using workstations; or they are not yet fully aware of HPC nor of its benefits; or classical HPC is too complicated and complex for most of them; or they don’t have access to HPC expertise, and therefore only HPC as a Service would make good sense to them. The key stakeholders of HPC as a Service are small and medium enterprises, HPC experts, HPC resource providers, HPC Cloud providers, and Independent Software Vendors.

Panel Speakers will include:

- **SME HPC end-user**: Frank Ding, Engineering Analysis & Technical Computing Manager at Simpson Strong-Tie, a company creating structural products that help people build safer and stronger homes and buildings.
- **HPC service and expertise provider**: Ashok Krishnamurthy, interim co-executive director, Ohio Supercomputing Center, known e.g. for its Blue Collar initiative.
- **Commercial HPC cloud provider**: Robert Graybill, CEO and President, Nimbis Services, providing a Technical Computing Marketplace.
- **Independent Software Vendor**: Nick Appleyard, Vice President - Product Delivery (PDT) Operations Americas of CD-adapco, a software company interested in moving part of his business into the Cloud.
- **Digital manufacturing market analyst**: Addison Snell, CEO Intersect360, with research background in digital manufacturing, and
- **Panel Chairman**: Wolfgang Gentzsch, Executive HPC Consultant and Chairman of the annual ISC Cloud Conference series.

Mission: Drive Research & Innovation for “IT Enabled Services” at the Global Level
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Call to Action:

Our aim is to collect input from panelists and audience to develop a realistic, successful strategy for the SRII Special Interest Group on HPC Services http://www.thesrii.org/hpc-as-services. The panel session is scheduled on July 26.

The Panel Chairman

Wolfgang Gentzsch

Wolfgang Gentzsch is an executive consultant for HPC, Grid and Cloud, for industry and research; an Advisor to the EC project EUDAT; and the Chairman of the ISC Cloud Conferences. Previously, he was an Advisor to the EC project DEISA, directed the German D-Grid Initiative, and was a member of the Board of Directors of the Open Grid Forum, and of the US President's Council of Advisors for Science and Technology, PCAST.

Before, Wolfgang was a professor of computer science and mathematics at several universities in the US and Germany, and held leading positions at the North Carolina Grid and Data Center in Durham, Sun Microsystems in California, the DLR German Aerospace Center in Gottingen, and the Max-Planck-Institute for Plasma physics in Munich. In the 90s, he founded HPC software companies Genias and Gridware, and several spin-offs.

The Panelists

Nick Appleyard

Nick Appleyard is presently the Vice President of CD-adapco's Product Delivery Operations for the Americas; a role which involves leading the Sales and Technical Support Group for CD-adapco's physics based software products. Nick has over 20 years experience in the CFD/CAE industry and has held multiple technical, sales and managerial positions all over the world including Japan and Europe. Prior to his return to CD-adapco, Nick ran the simulation and testing group at General Dynamics Land Systems in support of major defense programs. Nick has used his direct experience and understanding of the simulation world to help design some of the game changing software licensing models that are offered by CD-adapco today; allowing companies to take full advantage of large parallel compute clusters and HPC in the Cloud.
Frank Ding

Frank Ding is currently with Simpson Strong-Tie, a structural building product manufacturer based in Pleasanton, CA. He is responsible for the company’s FEA-based engineering analysis and high performance computing. Before joining Simpson Strong-Tie, he worked for eight years as a CAE engineer in the automotive industry. Frank is the early adopter of HPC for simulation-driven design, and a huge fan of Linux-based cluster computing. With over 15-year experience of nonlinear FEA simulation, he enjoys using technology to improve product development process. He is also the team lead for the company’s product lifecycle management (PLM) initiative. He graduated from Washington State University with a PhD degree in mechanical engineering. He is an avid runner, and has finished ten marathons.

Addison Snell

Addison Snell is the CEO of Intersect360 Research and a veteran of the High Performance Computing industry. He launched the company in 2007 as Tabor Research, a division of Tabor Communications, and served as that company's VP/GM until he and his partner, Christopher Willard, Ph.D., acquired Tabor Research in 2009.

During his tenure, Addison has established Intersect360 Research as a premier source of market information, analysis, and consulting. He was named one of 2010's "People to Watch" by HPCwire. Addison was previously an HPC industry analyst for IDC, where he was well-known among industry stakeholders. Prior to IDC, he gained recognition as a marketing leader and spokesperson for SGI's supercomputing products and strategy. Addison holds a master's degree from the Kellogg School of Management at Northwestern University and a bachelor's degree from the University of Pennsylvania.
Bob Graybill

Bob Graybill is the CEO and president of Nimbis Services Inc. Bob has more than 35 years of experience as a business leader, government program manager, and technology researcher. In addition to leading Nimbis, Mr. Graybill is engaged in a number of high visibility technical computing innovation competitiveness projects, application portal initiatives, cloud standardization efforts, and digital manufacturing model based engineering consulting projects with DoD and industry. Mr Graybill is currently also serving on the Air Force Science Advisory Board. In his most recent position as Director of Reflective Systems at the University of Southern California Information Sciences Institute (“ISI”), he worked to advance the development of advanced national High Performance Computing (“HPC”) and manufacturing collaborative environments that will help companies, universities and national laboratories share high performance computing systems, R&D and computational science expertise. In this leadership role, Mr. Graybill worked with the Council on Competitiveness, leading academic HPC centers, universities, industry leaders, supply chain companies and government laboratories and agencies. Prior to joining ISI, he spent six years at DARPA, where he designed, developed and implemented six new transformational programs in intelligent power aware systems, energy metrics, high-end computing architectures and responsive embedded computing hardware, software and network systems. These programs were coordinated with other government agencies, laboratories, federally-funded research and development centers, non-profit organizations, Fortune 100 companies, venture companies, research institutions and academic centers. He was a member of the Senior Science Team leading a number of government sponsored studies in high-end computing, including the Defense Science Board task force on DoD Supercomputing Needs and the High-End Computing Revitalization Task Force. Mr. Graybill received the Secretary of Defense Medal for Outstanding Public Service while at DARPA.

Ashok K. Krishnamurthy

Ashok K. Krishnamurthy, Ph.D. is the Ohio Supercomputer Center's Interim Co-Executive Director. He also serves as Senior Director of Research and is an associate professor in The Ohio State University (OSU) Electrical and Computer Engineering department. In the past 8 years, Krishnamurthy has led the efforts at OSC to broaden the base of HPC usage in academia and industry. OSC's Blue Collar Computing program is expand the use of modeling and simulation using HPC to industry and manufacturing.

Krishnamurthy conducts research in signal/image processing, high performance computing, parallel high level language applications and computational models of hearing. Krishnamurthy earned his bachelor's degree in electrical engineering from the Indian Institute of Technology in Madras, and his master's and doctorate degrees in electrical engineering at the University of Florida.
Panel members will include the following:

**Rob Atkinson**
President of Information Technology & Innovation Foundation

Dr. Robert D. Atkinson is one of the country’s foremost thinkers on innovation economics. With an extensive background in technology policy, he has conducted groundbreaking research projects on technology and innovation, is a valued adviser to state and national policy makers, and a popular speaker on innovation policy nationally and internationally. He is the author of The Race for Global Innovation Advantage and Why the U.S. is Falling Behind (Yale, forthcoming) and The Past and Future of America’s Economy: Long Waves of Innovation That Power Cycles of Growth (Edward Elgar, 2005). Before coming to ITIF, Atkinson was Vice President of the Progressive Policy Institute and Director of PPI’s Technology & New Economy Project. Ars Technica listed Atkinson as one of 2009’s Tech Policy People to Watch. He has testified before a number of committees in Congress and has appeared in various media outlets including CNN, Fox News, MSNBC, NPR, and NBC Nightly News. He received his Ph.D. in City and Regional Planning from the University of North Carolina at Chapel Hill in 1989.
Lenny T. Mendonca
Director, McKinsey & Company, Inc.

Lenny Mendonca is a director (senior partner) in the Washington D.C. and San Francisco offices of McKinsey & Company, a global management consulting firm.

Lenny is currently the leader of McKinsey’s U.S. state and local public sector practice. For many years Lenny led the Firm’s knowledge development efforts overseeing the McKinsey Global Institute and the Firm’s communications, which includes the McKinsey Quarterly, and has served for a decade on the McKinsey Shareholder Council (its board of directors).

His client work focuses on service to public sector organizations, and over the course of his career he has helped dozens of government, corporate, and nonprofit clients solve their most difficult management challenges. Lenny is the Chairman Emeritus of the Bay Area Council and the Economic Institute of the Bay Area, and was vice-chair of the Stanford Graduate School of Business Advisory Council. He serves on the boards of The New America Foundation, The Committee for Economic Development, Common Cause, California Forward, the Bay Area Science and Innovation Consortium, Children Now, and The California Business for Educational Excellence Foundation. He is a member of the Council on Foreign Relations and founder and chairman of Fuse Corps.

Lenny received his MBA and certificate in public management from the Stanford Graduate School of Business. He holds an AB, magna cum laude, in economics from Harvard College.
Scott F. Belcher
President and CEO: Intelligent Transportation Society of America (ITS America)

Scott F. Belcher was appointed President and CEO of the Intelligent Transportation Society of America in September 2007 after a successful legal and nonprofit management career.

ITS America is the leading advocate for technologies that improve the safety, security and efficiency of the nation's transportation system.

Scott brings to ITS America more than 20 years of private and public sector experience in Washington, DC. Prior to joining ITS America, Scott most recently served as Executive Vice President and General Counsel at the National Academy of Public Administration (NAPA) in Washington, DC. Prior to that, Scott held senior management positions at a number of prominent trade associations, worked in private practice at the law firm of Beveridge & Diamond, PC, and at the Environmental Protection Agency.

Scott’s vision for moving Intelligent Transportation Systems (ITS) to the next level includes raising awareness of the value of ITS among consumers, legislators, and the media and seeking increased federal funding of ITS initiatives. This vision will help guide our nation’s transportation network to a level of enhanced safety, reduced traffic congestion, decreased fuel consumption and emissions, and a lowered economic burden on our society.

Scott holds a Juris Doctor from the University of Virginia, a Master of Public Policy from Georgetown University, and a Bachelor of Arts from the University of Redlands.
6.0 Panel Session: Service Innovation/Engineering/Quality (SIEQ)

Freimut Bodendorf  
SRII SIEQ SIG Leader  
Head of the Department of Information Systems, University of Erlangen-Nuremberg

Subu Goparaju  
Senior Vice President and Head, Infosys Labs, Infosys

Subu Goparaju is the Senior Vice President and Head - Infosys Labs, the Technology Research and Innovation arm of Infosys. Subu also heads Infosys' Intellectual Property Cell (IP Cell) and the Product Incubation Engineering unit (PIE).

Subu is a member of the ACM India Council that is responsible for advancing computing education and practice in India. He is a member of multiple National Committees of CII (Confederation of Indian Industry) and is member of Fraunhofer India’s advisory council. He is also on the advisory boards of Global Innovation Center at Marshall School of Business at University of Southern California and Monash University - IIT Bombay Research Academy.

Subu regularly speaks at industry conferences on Innovation Strategies and Management, Emerging technologies, Service Innovation and Software Engineering. Subu is an Electrical and Electronics Engineer from National Institute of Technology, Suratkal, one of the leading engineering schools in India.

Rama Akkiraju  
IBM Almaden Research Center: Concepts, Methods, Tools, and Metrics for Quality Assurance in Service Solutioning and Service Delivery
Charlie Bess
HP Labs
Drive for Flexibility, Productivity, Transparency, and Maturity of IT-enabled Services

Nilmini Wickramasinghe
RMIT / Australia
Alignment of Business and IT for Service Value Creation
ervice Delivery
7.0 Panel Session: “Innovation in Education”

This panel discussion will cover subjects such as:

- “Online Education”
- IT course/curriculum innovation/alignment
- K-12 teachers training

Panel Members will include:

**Peter Denning**
Computer Scientist/Distinguished Professor at Naval Postgraduate School in Monterey, CA

Peter Denning is a Distinguished Professor at the Naval Postgraduate School in Monterey, California. He chairs the Computer Science Department and directs the Cebrowski Institute, an interdisciplinary research center for innovation and information superiority.

He has published 7 books and 315 articles on computers, networks, and their operating systems.

In 2002, he was named one of the top 5 best teachers at George Mason University and the best teacher in the School of Information Technology and Engineering

In 2003, he received one of Virginia's 10 outstanding faculty awards. He holds three honorary degrees, three professional society fellowships, two best-paper awards, three distinguished service awards, the ACM Outstanding Contribution Award, the ACM SIGCSE Outstanding CS Educator Award, and the prestigious ACM Karl Karlstrom Outstanding Educator Award. In 2007 ACM gave him a special award for 40 years of continuous volunteer service and the NSF gave him one of two Distinguished Education Fellow awards

**Andrew Ng**
Professor/Computer Scientists at Stanford University and Founder of “Online Education” company:
Coursera: (https://www.coursera.org/#courses)
Paulo Blikstein is Assistant Professor at the School of Education and (by courtesy) at the Computer Science department. Blikstein’s research focus on how new technologies can deeply transform the learning of science, engineering, and mathematics. He creates and researches cutting-edge technologies for use in inner-city schools, such as computer modeling, robotics, and rapid prototyping, creating constructionist learning environments in which children learn science and mathematics by building sophisticated projects and devices. A recipient of the prestigious NSF Early Career Award, Blikstein holds a PhD. from Northwestern University, an MSc. from the MIT Media Lab, and a B.S. in Metallurgical Engineering from the University of São Paulo.