

SURA[®] INFORMATION TECHNOLOGY COMMITTEE
Doubletree Hotel 1515 Rhode Island Avenue, Washington DC
Tuesday, October 20, 2009 9:00 – 5:00pm

Speaker Bios

Dan Reed

Dan Reed is Microsoft's Corporate Vice President for Extreme Computing. Previously, he was the Chancellor's Eminent Professor at UNC Chapel Hill, as well as the Director of the Renaissance Computing Institute (RENCI) and the Chancellor's Senior Advisor for Strategy and Innovation for UNC Chapel Hill.

Dr. Reed has served as a member of the U.S. President's Council of Advisors on Science and Technology (PCAST) and as a member of the President's Information Technology Advisory Committee (PITAC). As chair of PITAC's computational science subcommittee, he was lead author of the report "Computational Science: Ensuring America's Competitiveness." On PCAST, he co-chaired the Networking and Information Technology subcommittee (with George Scalise of the Semiconductor Industry Association) and co-authored a report on the National Coordination Office's Networking and Information Technology Research and Development (NITRD) program called "Leadership Under Challenge: Information Technology R&D in Competitive World."

In June, he completed two terms of service as chair of the board of directors of the Computing Research Association, which represents the research interests of Ph.D. granting university departments, industrial research groups and national laboratories.

He was previously Head of the Department of Computer Science at the University of Illinois at Urbana-Champaign (UIUC), where he held the Edward William and Jane Marr Gutgsell Professorship. He has also been Director of the National Center for Supercomputing Applications (NCSA) at UIUC, where he also led National Computational Science Alliance, a fifty institution partnership devoted to creating the next generation of computational science tools. He was also one of the principal investigators and chief architect for the NSF TeraGrid. He received his B.S. (summa cum laude) from Missouri University of Science and Technology and his M.S. and Ph.D. in computer science in 1983 from Purdue University.

He is a Fellow of the ACM, the IEEE and the AAAS.

Jennifer Schopf

Dr. Jennifer M. Schopf is a member of the National Science Foundation's Office of CyberInfrastructure, focusing on middleware, networking, and campus bridging programs. She also holds an appointment at the Woods Hole Oceanographic Institute (WHOI), where she is helping to develop a vision and implementation strategy to strengthen WHOI's participation in cyberinfrastructure and ocean informatics programs. Prior to this, she was a Scientist at the Distributed Systems Lab at Argonne National Laboratory for 7 years, and spent 3½ years as a researcher at the National eScience Center in Edinburgh, UK. She was a member of the Globus Alliance, the Director for the SciDAC Center for Enabling Distributed Petascale Science (CEDPS), technology coordinator for the Globus Monitoring and Discovery System (MDS), and Director of Outreach for Globus. She received MS and PhD degrees from the University of California, San Diego in Computer Science and Engineering. Currently, her research interests include monitoring, performance prediction, and anomaly detection in distributed system environments. She has co-edited a book, co-authored over 50 refereed papers, and given over 90 invited talks.

Srini Chari

Srini Chari is the Managing Partner, Cabot Partners Group, Inc.

Srini has over 20 years of experience in information technology and is an analyst covering emerging computing technologies with a focus on high performance computing and cloud computing. Prior to co-founding Cabot Partners Group, Srini was president and CEO of TurboWorx, Inc., a bioinformatics software company providing workflow solutions for grids and clusters. Before that, Srini spent 13 years at IBM,

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where his last position was Program Director, Emerging Businesses, Corporate Strategy. Srimi was a startup member of IBM's Life Sciences and Healthcare business unit.

Srimi now consults extensively with business, scientific, and IT leaders, and serves on the board of several technology startups. His clients include Harvard University, RPI, IBM, Qlogic, HP, and government organizations. Srimi has published extensively in professional journals, presented before leading professional societies and conferences, and has been quoted in leading business publications including Forbes, the Investor Business Daily, and Bloomberg.

A graduate of the Indian Institute of Technology in mechanical engineering, he holds an MS in engineering and a Ph.D. in computational mechanics from the University of Texas, and an MBA with distinction in finance, management and international business from the Stern School of Business, New York University. In addition, he has completed Harvard Business School executive programs on strategy and leadership. He resides in Danbury, Connecticut and enjoys reading, racquet sports, swimming, and hiking.

Bill St. Arnaud

Bill St. Arnaud is the Chief Research Officer for CANARIE Inc., Canada's Advanced Internet Development Organization. At CANARIE Bill St. Arnaud has been responsible for the coordination and implementation of Canada's next generation optical Internet initiative called CA*net 4. He has been the principal architect of the User Controlled LightPath concept of applying Service Oriented Architecture to network elements to allow users to create their own Internet network topologies and architectures fully integrated with their specific application and instrument needs.

Currently he is involved with a Green IT broadband and cyber-infrastructure initiative to build a "zero-carbon" next generation Internet in order to help reduce global warming by reducing CO2 emissions at universities and society in general. As part of this initiative one project is to encourage the use of carbon rewards rather than using carbon taxes to encourage consumer to reduce their carbon footprint through the provision of free fiber to the home and other free Internet services and applications.

Previously Bill St. Arnaud was the President and founder of a network and software engineering firm called TSA ProForma Inc. TSA was a LAN/WAN software company that developed wide area network client/server systems for use primarily in the financial and information business fields in the Far East and the United States.

Bill St. Arnaud is member of various committees and boards including the Board of Trustees for ISOC, NomComm committee for ICANN, the UKlight Steering Committee, the GLORIAD policy committee, Neptune Canada Oversight Committee, Globecomm Fellow and the GLIF policy committee amongst others.

In 2002 he was featured by TIME Magazine Canada as the engineer who is wiring together advanced Canadian science. In 2005 he also won the World Technology Summit award for Communications.

Bill St. Arnaud is a frequent guest speaker at numerous conferences on the Internet and optical networking. He is a graduate of Carleton University School of Engineering.

Mark Luker

Mark Luker is a Telecommunications Policy Specialist at the National Telecommunications and Information Administration and a member of the BTOP Team. Until recently he was Vice President of EDUCAUSE, an association of over 2,000 universities and colleges that promotes the transformation of higher education through innovative applications of information technology. He led the Washington DC-based EDUCAUSE policy program as well as Net@EDU, a "thought-leadership" coalition of university CIOs and state network directors who work to advance national networking for both research and education.

Luker also has served as the Program Director for advanced networking at the National Science Foundation and the federal Next Generation Internet project. Before that he worked on organizational issues for information

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technology services as CIO at the University of Wisconsin-Madison campus. In this role he was very active in several national projects including the National Learning Infrastructure Initiative and the Coalition for Networked Information.

Luker received his doctorate from the University of California, Berkeley, and served as a faculty member and acting dean at the University of Minnesota, Duluth, before moving into information technology management.

Steve Midgley

Steve Midgley is currently serving as Director of Education for the National Broadband Plan at the FCC. His responsibilities include defining the scope, managing research staff and engaging with educational and government communities to ensure that the plan is reflective of their needs.

Prior to this appointment, Steve was the consulting principal of Mixrun, a CTO consulting service for a number of projects and organizations. Mixrun's mission is to support technology systems grounded with values of transparency, flexibility and community. Projects included work with the California Department of Education on a project called Brokers of Expertise, which uses on-line and real world systems to share and build the expertise of educators, as well work with school districts and corporate clients.

Steve has also served as a Program Manager for the Stupski Foundation where he designed and implemented a number of grants for technology, data and assessment in K-12 education. He worked actively in the field and across the country with a K-12 school districts as well as state and local agencies.

From 1996 to 2001 he worked as founding Vice President of Engineering and Software Architect for LoopNet Inc., a commercial real estate listing firm. LoopNet remains a successful business and is currently listed on NASDAQ.

He resides in Berkeley California.