



icics 2007

Sixth International Conference on Information,  
Communications and Signal Processing

December 10 - 13, 2007 • Meritus Mandarin Hotel, Singapore



## Dr. Radia Perlman

Radia Perlman's work has been of seminal importance in the design and development of computer networks and the Internet as we know it today. She designed the *Spanning Tree* algorithm used by bridges and invented many of the basic algorithms that make today's network infrastructure robust and scalable. She has also made significant contributions in the areas of routing security, secure digital shredding of data, strong password protocols, transparent routing, scalable PKI-based cross-organizational authentication and authorization and the analysis and redesign of IKE (the authentication handshake for IPsec). She has also been a popular public speaker who has been very active in demystifying the operation of networks and getting people to think about network technology in new and novel ways.



Dr. Perlman is the author of "*Interconnections: Bridges, Routers, Switches, and Internetworking Protocols*", and coauthor of "*Network Security: Private Communication in a Public World*", both of which are widely used both as textbooks in universities and by engineers working in the field. She holds over 80 patents, a PhD in computer science from MIT, and an honorary doctorate from KTH, the Royal Institute of Technology, Sweden. She was recently given a lifetime achievement award by Usenix, and named SVIPLA (Silicon Valley Intellectual Property Law Association) Inventor of the year.

Radia Perlman is currently a Sun Fellow at Sun Microsystems, working on network and security protocols.

**Keynote Speech:** "*Myths, Mysteries, Mishaps and Missteps in Designing Network Protocols: A Historical Perspective with Thoughts for the Future*".

**Tutorial:** Dr. Radia Perlman will also be giving a full-day tutorial on *Network Security* on Dec 10, 2007 during the ICICS 2007 conference. Details on this will be made available on the conference web pages and will also be provided with the registration package.