

Harold Sobol Award for Exemplary Service to Meetings & Conferences Winner Biographies

Khaled B. Letaief (2011)

"For an exemplary and sustained record of service to the Communications Society's conferences."

Khaled Letaief received the BS degree *with distinction*, M.S. and Ph.D. Degrees in Electrical Engineering from Purdue University in 1984, 1986, and 1990, respectively. From 1990 to 1993, he was a faculty member at the University of Melbourne, Australia. Since 1993, he has been with HKUST where he is currently Dean of Engineering and Chair Professor. He is also the Director of the Hong Kong Telecom Institute of Information Technology.

He has over 430 journal and conference papers, 13 US patents, and given invited keynote talks and courses all over the world. He received the *Mangoon Teaching Award* from Purdue University in 1990; Teaching Excellence Appreciation Award by the School of Engineering at HKUST (4 times); and the Michael G. Gale Medal for Distinguished Teaching (*highest university-wide teaching award*). He is also the recipient of many other distinguished awards including the 2007 IEEE Communications Society Publications Exemplary Award, 2009 [IEEE Marconi Prize Award in Wireless Communications](#), 2010 Outstanding Electrical and Computer Engineer Award by Purdue University, and 10 IEEE Best Paper Awards.

Dr. Letaief served as consultants for different organizations and is the founding Editor-in-Chief of *IEEE Transactions on Wireless Communications*. He has served on the editorial board of other prestigious journals including *IEEE Journal on Selected Areas in Communications – Wireless Series* (as Editor-in-Chief) and *IEEE Transactions on Communications* as Editor. He served as Vice-President for Conferences of the IEEE Communications Society (ComSoc), an elected member of IEEE ComSoc Board of Governors, and IEEE Distinguished lecturer. He also served as the Chair of IEEE Technical Committee on Wireless Communications, and Chair of 2008 IEEE Technical Activities/Member and Geographic Activities Visits Program. He is currently serving as member of both IEEE ComSoc and Vehicular Technology Society Fellow Committees, and member of IEEE TAB/PSPB Products & Services Committee.

He has been involved in organizing a number of major conferences. These include serving as Technical Program Chair of 2004 IEEE International Conference on Communications, Circuits and Systems; General Co-Chair of 2007 IEEE Wireless Communications and Networking Conference, WCNC'07; Technical Program Co-Chair of 2008 IEEE International Conference on Communications, ICC'08; Vice General Chair of 2010 IEEE International Conference on Communications, ICC'10; General Co-Chair of 2011 IEEE Technology Time Machine, TTM'11; and General Co-Chair of IEEE International Conference on Communications in China, ICC'12

Dr. Letaief is a *Fellow* of IEEE and an [ISI Highly Cited Researcher](#).

Abbas Jamalipour (2010)

"For continuous and outstanding contributions to the enhancement of the technical quality of Communications Society flagship conferences."

Abbas Jamalipour is a Fellow of IEEE, IEICE, and Engineers Australia, a Professional Member of ACM, and an IEEE Distinguished Lecturer. He holds a Ph.D. in Electrical Engineering from Nagoya University, Japan. Abbas is the author of five technical books, nine book chapters, and around 250 technical papers in scholarly journals and international conferences. He has given 49 keynote/invited talks as well as 35 tutorials at major international conferences, all in the area of wireless networks. He leads the Wireless Networking Group (WiNG) at the University of Sydney, Australia.

Abbas was the Editor-in-Chief of *IEEE Wireless Communications* and is a technical editor for *IEEE Transactions on Vehicular Technology*, *IEEE Communications Magazine*, *International Journal of Communication Systems*, *ETRI Journal*, and a Division Editor for *Journal of Communications and Networks* (JCN). Currently, Abbas is Chair of the Communication Switching and Routing Technical Committee and also Vice Director of the Asia Pacific Board. He was also Chair of the Satellite & Space Communications Technical Committee 2004-2006, all with the IEEE Communications Society. He was the General Chair IEEE WCNC' 2010, and has been a technical chair for many IEEE ICC, GLOBECOM, WCNC and PIMRC conferences.

Dr. Jamalipour is a voting member of the IEEE Communications Society GITC and IEEE WCNC Steering Committee, and a member of the ComSoc Education Board, Conference Boards, and the On-Line Content Board. He is the recipient of several prestigious awards including the 2006 IEEE Communications Society Distinguished Contribution to Satellite Communications Award and the 2006 IEEE Communications Society Best Tutorial Paper Award.

Heinrich Stüttgen (2009)

"For founding and sustained leadership of the GLOBECOM/ICC Technical Content Committee (GITC) and its redesign of the technical structure of our flagship conferences"

Heinrich Stüttgen was a Fulbright scholar at the State University of New York at Buffalo (NY) from where he holds a Master of Science degree (1979). He obtained Diploma (1979) and Doctor of Science (1985) degrees in computer science from the University of Dortmund.

In 1985 he joined the IBM Research and Development Laboratory in Germany, developing one of the first mainframe UNIX systems. In 1987 he moved to IBM's European Networking Center at Heidelberg, where he researched protocols for high-speed networks and multimedia communications. In 1991 he was appointed manager of ENC's Broadband Multimedia Communication Department. In this function he was responsible for various research, development, marketing and services projects.

In July 1997 Heinrich joined NEC Europe Ltd. as founding manager of NEC's Network Laboratories in Heidelberg. The mission of the laboratories being research and advanced development in Multimedia and Mobile Internet communications. Since June 2007 he is Vice President of NEC Laboratories Europe, responsible for NEC's network and IT related R&D activities in Europe.

Heinrich has widely published in various scientific conferences, journals and books. He was a guest lecturer at Mannheim University in Computer Networks and has been project auditor and proposal evaluator for the European Commission in the ITC area.

Heinrich is a senior member of IEEE and member of IEEE's Communications and Computer Societies. From 2004 to 2006 he served as a Member-at-Large of the Board of Governors of the IEEE Communications Society. He was chair of ComSoc's Technical Committee on Communications Switching & Routing (2004 – 2005) and has been chair of ComSoc's IEEE GLOBECOM and ICC Technical Strategy Committee (GITC) since 2005. He is a technical editor for *IEEE Communications Magazine*. From 1998 to 2009 he served as vice-chair of the German Information Technology Society's special interest group on communications and distributed systems (GI/ITG KuVS).

Heinrich was general chair of the IEEE High Performance Switching & Routing conference in Heidelberg in June 2000 and European Co-Chair of IEEE HPSR (2001 to 2004). He also was co-chair of the Global Services Symposium of IEEE ICC 2003, 2005 and 2006. In 2009 he acted as Technical Program Vice-Chair of IEEE ICC 2009 in Dresden, one of the most successful ICC's ever.

Roberto de Marca (2008)

"For making WCNC the premier wireless communications conference and a sustained record of service to conference activities."

Roberto de Marca was a Fulbright Scholar at the University of Southern California, where he earned a Ph.D. in Electrical Engineering. Since 1978 he has been on the faculty of the Catholic University, Rio de Janeiro, having held several leadership/administrative positions including

Associate Academic Vice President. Professor de Marca has lectured in several institutions in Europe and North America and twice, when on leave of absence, he served as Scientific Consultant with AT&T Bell Laboratories.

Professor de Marca has been a very active leader in the Communications Society, including serving as President in 2000-2001 and in the conference activities for which he is now honored. He is the principal founder of WCNC and has been Chair of its Steering Committee since its inception, growing it into the large and leading conference it is today. He has organized and chaired many other conferences, notably GLOBECOM 1999 in Rio de Janeiro. In other ComSoc activities, he served two terms as Vice President – VP International Affairs and VP Membership Affairs. He chaired the Strategic Planning Committee, Fellow Evaluation Committee, and many other boards, effectively working with headquarters staff in support of member programs. He is currently IEEE Vice President of TAB (Technical Activities Board).

A technical leader in Brazil, Dr. de Marca served as Scientific Director of the Brazilian National Research Council, where he managed a 300 million dollar research funding program and authorized the startup money for the national research network that led the way to the widespread use of Internet in Brazil. He was the founding President of the Brazilian Telecommunications Society and is a full member of the Brazilian National Academy of Sciences since 2001.

Professor de Marca was elected IEEE Fellow in 1995 “for leadership and contributions to international communications.” He was awarded the IEEE Communications Society Donald W. McLellan Meritorious Service Award in 1998 and the IEEE Third Millennium Medal in 2000.

Raouf Boutaba (2007)

"For envisioning and implementing a converged strategy for the Society's network operations and management events that significantly increased their value to the industry and academic community in this field."

Raouf received his M.Sc. and Ph.D. degrees from Pierre & Marie Curie University (France) in 1990 and 1994 respectively. He is currently a Professor of Computer Science at the University of Waterloo. Before that he was the Director of the Telecommunications and Distributed Systems Division of the Computer Science Research Institute of Montreal. Raouf held Visiting Professor Positions at the University of Toronto (Canada), the University of Pierre & Marie Curie (France), the University of Versailles (France), POSTECH (Korea), and ENST-Paris (France). His research interests include network, resource and service management in wired and wireless networks. He has published more than 230 papers in refereed journals and conference proceedings and received several journal and conference Best Paper awards and other recognitions such as the Premier's Research Excellence Award, two Nortel research excellence Awards, a fellowship of the Faculty of Mathematics at the University of Waterloo and a David R. Cheriton faculty fellowship.

Raouf has been active within ComSoc in many capacities: Kitchener-Waterloo Chapter Chair,

Information Infrastructure Technical Committee Program Chair, Vice-Chair and Chair, and founding Chair of the Autonomic Communications Subcommittee. He is currently the Director of the Related Societies Board, a member of the Standards board and a member of the Meetings & Conferences Board. He is a Past Director of the standards board and an on-Line Content Board member.

Raouf is founding EIC of the IEEE Transactions on Network & Service Management, and has been editor for other journals. He chairs the IM/NOMS steering committee, has organized many conferences, and is a ComSoc Distinguished Lecturer.

Paul R. Hartmann (2006)

"For sustained and exemplary service in organizing, managing and maintaining IEEE Communications Society flagship conferences."

Paul is Vice President, Engineering for RF SAW, Inc. in Richardson, Texas. His responsibilities include system design and product development for a new class of RFID products using Surface Acoustic Wave (SAW) technology. Prior to joining RF SAW, Hartmann spent 13 years as the founding Vice President of Engineering and CTO of Applied Digital Access. He built the technical team and established the architecture of a family of products that are widely used throughout the public telecommunications network. His direct technical contributions included fifteen patents and other major contributions to the intellectual property of the company. Before joining Applied Digital Access, Hartmann served in a number of increasingly responsible roles at Collins Radio/Rockwell International in Richardson, Texas. During his 25 years at Collins/Rockwell, he served as the Director of Advanced Technology for the Telecom divisions in Richardson. He was also responsible for the design of long-haul analog microwave communications equipment. In the mid 1970s, he led the design team that developed the first successful 90Mb/s digital microwave radio system deployed in the United States.

Hartmann is a Senior Member of the IEEE and served on the Board of Governors of the Communications Society from 1998 to 2000. He is the General Vice Chair of the IEEE International Conference on RFID 2007. He was the Technical Program Chair of IEEE Globecom '89, and is the Vice Chair of the Globecom/ICC Technical Committee (GITC) and a long time member of Globecom/ICC Conference Committee. He has served as a guest editor of the *IEEE Transactions on Communications* and has authored numerous technical papers and magazine articles in IEEE and trade publications.

Hartmann holds a B.S.E.E. from the University of Texas at Austin and an M.S. in Management and Administrative Science from the University of Texas at Dallas.

Jaafar M.H. Elmirghani (2005)

"For 10 years of outstanding service as a member of IEEE GLOBECOM/ICC Technical Program

Committees and Organizer/Chair of many technical sessions and symposia."

Jaafar M. H. Elmirghani received the PhD for work on optical receiver design in 1994, is Fellow of IEE and InstP. He spent January to September 1999 as a Royal Society (UK) sponsored visiting Professor at Queen's University, Canada. He was appointed to a chair at the University of Wales Swansea in 2000. He currently leads the Institute of Advanced Telecommunications (IAT) at the University of Wales Swansea, a £30M strategic project to create a world class centre for telecommunications research in Wales with 40 full time staff and about 200 researchers, commenced August 2005.

Jaafar is Chair of the IEEE UK&RI Communications Chapter and assumed the Vice Chair and Secretary positions of the Chapter between 1996 and 2003. He is Chair of IEEE ComSoc Transmission, Access and Optical Systems Technical Committee and was Secretary of the committee during 2002 and 2003. He is/was a member of IEEE ComSoc Technical Activities Council. Between 1996 and 2001 he served as Secretary, Vice Chair and Chair of the IEEE ComSoc Signal Processing and Communications Electronics Technical Committee. He was a member of IEEE ComSoc Nominations and Elections Committee (2001-03).

Jaafar has been Technical Editor and member of the editorial board of the IEEE Communications Magazine since 1995 and since 2004 is an Associate Technical Editor of the IEEE Optical Communications Magazine. He is and has been on the technical program committee of eleven IEEE ICC/GLOBECOM conferences between 1995 and 2005 including seven times as Symposium Chair. In particular, he was founding Chair of the Advanced Signal Processing for Communication" Symposium which started at IEEE GLOBECOM'99 and has continued since at every ICC and GLOBECOM. He has chaired this Symposium at ICC'03, ICC'04 and GLOBECOM'04.

Dr. Elmirghani was also founding Chair of the first IEEE ICC/GLOBECOM optical symposium at GLOBECOM'00, the Future Photonic Network Technologies, Architectures and Protocols Symposium. He chaired this Symposium, which continues to date under different names, at GLOBECOM'01. He acted as session organizer and chair at numerous ICC and GLOBECOM events since 1995. He currently serves as technical editor of Journal of Optical Communications (JOC). He has published over 200 technical papers, co-edited "Photonic Switching Technology- Systems and Networks", IEEE Press 1998 and has research interests in optical communication systems, signal processing and communication theory.

Doug Lattner (2003)

"For major contributions leading to the success of GLOBECOM and ICC conferences for a period of 20 years."

Doug Lattner grew up in Chicago and now lives in the Chicago area with his wife of 48 years, Marlene. They have three children, all grown and married, and have ten grandchildren. Doug obtained a BSEE (with Honors) from the University of Illinois, and an MBA from the University of

Chicago. Upon graduation, he began his business life with Illinois Bell and continued within the Bell System for his whole 38-year business career. He had assignments at the Bell Laboratories in New Jersey and at Divestiture, moved into Ameritech. He retired in 1992 as Assistant Vice President-Technology Planning for Ameritech. Doug is a Registered Professional Engineer, a member of the Western Society of Engineers and is a member of Tau Beta Pi and Eta Kappa Nu honorary engineering societies.

Doug's IEEE life began as a Student Member '54 and then M'56, SM'91 and LSM 2000. His active interest in the Communications Society began in 1983, when he was recruited to serve on the ICC'85-Chicago Planning Committee. He went on to be General Chair of ICC/SUPERCOM'92-Chicago and to serve continuous years in ComSoc leadership positions: GICB Voting Member, GICB Acting Secretary, GICB Vice Chair, GICC Voting Member and GICC Vice Chair Operations. Doug is currently GICC Vice Chair-Operations until the end of 2003 and a GICC Voting Member until the end of 2004.

Douglas N. Zuckerman (2002)

"For sustained and exemplary service in establishing and maintaining NOMS and IM as major IEEE Communications Society Conferences and fostering the advancement of Society conferences."

Douglas N. Zuckerman received his B.S., M.S., and Eng. Sc. D degrees in Electrical Engineering from Columbia University in 1969, 1971 and 1976. Doug started his career at Bell Laboratories in 1969 and has over 31 years of experience there and at its successors spanning the operations, management and engineering of emerging networks and services. At present, he is Telcordia's principal representative to the Optical Internetworking Forum. Doug is an IEEE Fellow and has also served in various leadership roles in the IEEE Communications Society, and was recently a candidate for president of the Society. Doug's contributions to ComSoc's meetings and conferences include co-founding its Network Operations and Management Symposium (NOMS) and serving for many years as its Steering Committee chair, working with IFIP to establish the International Symposium on Integrated Network Management (IM) as an equally important event, and serving in key roles, such as General Chair, for several NOMS and IM conferences. As the Society's Director of Meetings and Conferences, Doug helped set direction and enhanced the value of ComSoc's events to their participants and our wider professional community.

Harvey A. Freeman (2001)

"For founding, nurturing and providing ongoing support for IEEE INFOCOM, one of the Communications Society's most successful conferences."

Harvey Freeman is Senior Consultant with HeatSeeker Technology Partners, Inc., a Minnesota-based IT infrastructure consulting firm. With over thirty years of experience in the

communications field he specializes in designing/managing innovative technology-based solutions.

Harvey was founder/President of HAF Consulting, Inc., founder/President of LANWORKS, Inc., Vice President of Architecture Technology Corporation, Manager at Sperry Univac, and an engineer at RCA's Communications Systems Division.

He received his B.S.E.E. degree from University of Pennsylvania (1966) and Ph.D. in EE from the University of Illinois (1970).

Harvey served on ComSoc's Board of Governors, the Computer Society's Governing Board, and is currently ComSoc Treasurer and Board of Governors Member-at-Large. He was founder/first Editor-in-Chief of IEEE Network and founder/first General Chair and current standing committee chair of IEEE INFOCOM. He served on ComSoc' Meetings & Conferences Board, Strategic Planning Committee, Awards Committee, and Nominations Committee.

Ross C. Anderson (2000)

"For twenty-two years of outstanding service to GLOBECOM and ICC Conferences including fifteen years as member of GICB, GICB Chair 1991-1996, and General Chair of GLOBECOM '86."

Ross Anderson (S/55-6, M/65, SM/66-96, LSM/97-00) received his B.S.E.E. from Oklahoma University. He worked with Southwestern Bell Telephone in Oklahoma, New Jersey (Bell Labs), Missouri, Kansas and Texas holding various division level assignments in planning, transmission, customer services and equipment engineering. Ross is a Registered Professional Engineer and a member of Tau Beta Pi, Sigma Tau and Eta Kappa Nu honorary engineering societies. He serves on the EECS Advisory Board at OU. Ross is active in his community and a deacon in his church.

Ross has served IEEE and ComSoc in the following capacities: Committees/Boards: Board of Directors, Region Director, Strategic Planning Committee, Bylaws Task Force, ICSR, Nominations and Appointments, Regional Conference Committee, Region Activities Board, United States Activities Board, Survey Committee (Chair), Evolution Task Force, TAB Products Committee, Section/Chapter Support, TAB-ad hoc - New Finance Model. Regions/Sections: Area Chairman, Executive, N&A, Bylaws, Regional Conference, Section/Chapter Support Committees. Communications Society: Board of Governors-Treasurer/94-99; GICB/85-00 (Chairman/91-96); Meetings & Conference Board. Conferences: Globecom'86 Chairman, Advisor to Globecom'89, Globecom.93, ICC'00, National Telecommunications Conference (NTC-80). He was recently elected Member-at-Large to the ComSoc Board of Governors, his term commencing in year 2001.