

Prof. Khaled Ben LETAIEF

Professor Ben Letaief received the BS degree with distinction in Electrical Engineering from Purdue University at West Lafayette, Indiana, USA, in December 1984. He received the MS and Ph.D. Degrees in Electrical Engineering from Purdue University, in August 1986, and May 1990, respectively. From January 1985 and as a Graduate Instructor in the School of Electrical Engineering at Purdue University, he has taught courses in communications and electronics.



From 1990 to 1993, he was a faculty member at the University of Melbourne, Australia. Since 1993, he has been with the Hong Kong University of Science & Technology (HKUST) where he is currently Chair Professor and Head of the Electronic and Computer Engineering Department. He is also the Dean of Engineering, and currently the Director of the Hong Kong Telecom Institute of Information Technology as well as that of the Wireless IC System Design Center. His current research interests include wireless and mobile networks, Broadband wireless access, OFDM, Cooperative networks, Cognitive radio, MIMO, and Beyond 3G systems. In these areas, he has over 400 journal and conference papers and given invited keynote talks as well as courses all over the world. He has also 3 granted patents and 10 pending US patents.

Professor Letaief served as consultants for different organizations and is the founding Editor-in-Chief of the IEEE Transactions on Wireless Communications. He has served on the editorial board of other prestigious journals including the IEEE Journal on Selected Areas in Communications - Wireless Series (as Editor-in-Chief). He has been involved in organizing a number of major international conferences and events. These include serving as the Technical Program Chair of the 1998 IEEE Globecom Mini-Conference on Communications Theory, held in Sydney, Australia as well as the Co-Chair of the 2001 IEEE ICC Communications Theory Symposium, held in Helsinki, Finland. In 2004, he served as the Co-Chair of the IEEE Wireless Communications, Networks and Systems Symposium, held in Dallas, USA as well as the Co- Technical Program Chair of the 2004 IEEE International Conference on Communications, Circuits and Systems, held in Chengdu, China. He is also the General Co-Chair of the 2007 IEEE Wireless Communications and Networking Conference, WCNC07, held in Hong Kong; Technical Program Co-Chair of the 2008 IEEE International Conference on Communication, ICC08 held in Beijing; and Vice General Chair of the 2010 IEEE International Conference on Communication, ICC'10, held in Cape Town, South Africa.

In addition to his active research and professional activities, Professor Letaief has been a dedicated teacher committed to excellence in teaching and scholarship. He received the Mangoon Teaching Award from Purdue University in 1990; the 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 and only one recipient/year is honored for his/her contributions).

Professor Letaief is a Fellow of IEEE. He served as an elected member of the IEEE Communications Society Board of Governors, and IEEE Distinguished lecturer. He also served as the Chair of the IEEE Communications Society Technical Committee on Wireless Communications, Chair of the Steering Committee of the IEEE Transactions on Wireless Communications, and Chair of the 2008 IEEE Technical Activities/Member and Geographic Activities Visits Program. He is currently serving as member of both the IEEE Communications Society and IEEE Vehicular Technology Society Fellow Evaluation Committees as well as member of the IEEE Technical Activities Board/PSPB Products & Services Committee. He is the recipient of the 2007 IEEE Communications Society Publications Exemplary Award.

Keynote Speech: "Resource Management And Optimization For Wireless Network"