

IEEE VTS Distinguished Lecturer Tour (DLT)

'Wireless Communications Techniques for Emergency and Disaster Situations'

By

Professor Abbas Jamalipour

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Date : 11 April 2017 (Tuesday)
Time : 10.00am to 12.00pm
**Venue : Bilik Seminar Al-Haytham, Level 8, Tower 2,
Engineering Complex, Universiti Teknologi MARA
(UiTM) Shah Alam.**

Abstract: Natural and man-made disaster and emergency situations are unfortunately becoming part of our daily lives and in recent years we see more frequent occurrence of such events. With the advancement of technology and in particular, the wireless communications technology, we expect to see better prediction and post-disaster management and control for such unfortunate events. The wireless communications technology therefore is providing us with not only better connectivity and knowledge distribution, it can also save lives or make the disaster times a bit more bearable to the affected communities. In this talk, we will discuss the recent advancements and developments in the field of wireless communications for emergency and disaster situations and some of our research works carried out in this field.



Biography: Abbas Jamalipour is the Professor of Ubiquitous Mobile Networking at the University of Sydney, Australia, and holds a PhD in Electrical Engineering from Nagoya University, Japan. He is a Fellow of the Institute of Electrical, Information, and Communication Engineers (IEICE) and the Institution of Engineers Australia, an ACM Professional Member, and an IEEE Distinguished Lecturer. He has authored six technical books, eleven book chapters, over 450 technical papers, and five patents, all in the area of wireless communications. He is one of the most cited researchers in the field of mobile, cellular, and satellite networks. He was the Editor-in-Chief IEEE Wireless Communications (2006-08), Vice President-Conferences (2012-13) and a member of Board of Governors of the IEEE Communications Society, and has been an editor for several journals. He has held positions of the Chair of the Communication Switching and Routing and the

Satellite and Space Communications Technical Committees and Vice Director of the Asia Pacific Board, in ComSoc. He was a General Chair or Technical Program Chair for a number of conferences, including IEEE ICC, GLOBECOM, WCNC and PIMRC. Dr. Jamalipour is an elected member of the Board of Governors (2014-16, 2017-19), the Editor-in-Chief of the Mobile World, IEEE Vehicular Technology Society, and Chair of the VTS Fellow Evaluation Committee. He is the recipient of a number of prestigious awards such as the 2010 IEEE ComSoc Harold Sobol Award, the 2006 IEEE ComSoc Distinguished Contribution to Satellite Communications Award, the 2006 IEEE ComSoc Best Tutorial Paper Award, and the 2016 IEEE ComSoc Distinguished Technical Achievement Award in Communications Switching and Routing.

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