



AP/MTT/EMC JOINT CHAPTER

COMING EVENT ANNOUNCEMENT

Date: Tuesday March 14, 2017

Location: [EPFL](#) – [Room CO121](#)

Time: 11:00 – 12:00

Speaker: Prof. Y. Jay Guo, Global Big Data Technologies Centre, University of Technology Sydney (UTS), Australia

Title: 5G and IoT Challenges to Antennas and Wireless Systems

Abstract

5G and IoT are two of the most important pulls for new technologies. These range from antennas, mm-wave circuits, signal processing to network security. In this talk, Prof Guo will present some of the 5G and IoT research activities taking place at the Global Big Data Technologies Center at UTS. In particular, he will focus on the following topics: reconfigurable antennas, base station and terminal antennas, in-band full duplex, and joint communications and sensing systems. The talk will cover most recent work published and to-be-published by his group.

About the speaker

Prof Y. Jay Guo is a Distinguished Professor and the Founding Director of Global Big Data Technologies Centre (GBDTC) at the University of Technology Sydney (UTS), Australia. GBDTC has a wide range of research programs from wireless sensing to decision support systems. Prof Guo is a Fellow of the Australian Academy of Engineering and Technology, a Fellow of IEEE and a Fellow of IET, and a member of the College of Experts of Australian Research Council (ARC). He has won a number of most prestigious Australian national awards, and was named one of the top 100 most influential engineers in Australia in 2014 and 2015. His research interest includes antennas, mm-wave and THz communications and sensing systems, 5G and big data technologies.