

Advanced Wireless Networks Workshop

Organized by WISE Research Group
Department of Electrical and Electronic Engineering
Auckland University of Technology

Platinum Sponsors: RF Test Solutions and Keysight Technologies Inc.

Hosted by Dr. Xuejun Li, Auckland University of Technology

Date: Tuesday, 21 November 2017. **Venue:** WS114, 34 St Paul Street, Auckland 1010

RSVP: Free registration by email to Dr. Xuejun Li at xuejun.li@aut.ac.nz by 16 November 2017 (Thursday) for refreshment and lunch catering purpose.

Workshop Program Overview

| Time Slot | Speakers | Speech Title |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 8:50-9:00am | Prof. Peter Chong, Auckland University of Technology | Welcome address |
| 9:00-9:50am | Prof. Fumuyuki Adachi, FIEEE, Tohoku University, Japan | Keynote Speech I – <i>Recent Advances in Distributed MIMO for 5G Enhanced Mobile Broadband</i> |
| 9:50-10:20am | Prof. Yifan Chen, University of Waikato | Invited Speech 1 – <i>From Biologically Inspired ICT to ICT Inspired Biomedicine</i> |
| 10:20-10:40am | Morning Tea Break | |
| 10:40-11:10am | Prof. Winston Seah, Victoria University of Wellington | Invited Speech 2 – <i>Making Sense out of IoT Non-Sense</i> |
| 11:10-11:40am | Prof. Kevin Sowerby, The University of Auckland | Invited Speech 3 – <i>Planning Future High Capacity Wireless Networks</i> |
| 11:40-12:10pm | Dr. Faraz Hasan, Massey University | Invited Speech 4 – <i>Telecom Research at Massey University</i> |
| 12:10-1:10pm | Lunch Break | |
| 1:10-2:00pm | Prof. Ying-Chang Liang, FIEEE, University of Sydney, Australia and University of Electronic Science and Technology of China, China | Keynote Speech II – <i>Modulation in the Air: A New Paradigm of Wireless Communications for Green Internet of Things</i> |
| 2:00-2:20pm | RF Test Solutions/Keysight Technologies | Sponsor's Speech – TBC |
| 2:20-2:40pm | Afternoon Tea Break | |
| 2:40-3:00pm | Associate Prof. Jairo Gutierrez, Auckland University of Technology | Invited Speech 5 – <i>On Trust-based Systems for Wireless Networks: Towards a Secure Internet of Things</i> |
| 3:00-3:20pm | Associate Prof. Nurul Sarkar, Auckland University of Technology | Invited Speech 6 – <i>Improving the Performance of Wireless Networks: A Practical Guide</i> |
| 3:20-3:40pm | Associate Prof. Boon-Chong Seet, Auckland University of Technology | Invited Speech 7 – <i>AUT WISE Group: Research overview</i> |
| 3:40-4:00pm | Dr. Saeed Rehman, Auckland University of Technology | Invited Speech 8 – <i>Physical Layer Security</i> |
| 4:00-4:10pm | Associate Prof. Boon-Chong Seet, Auckland University of Technology | Closing address |