

Call for Papers

Emerging Technologies, Applications, and Services Track

The 23rd Asia-Pacific Conference on Communications

Perth, Australia, December 11-13, 2017

<http://www.apcc2017perth.org/>

Track Co-chairs

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Scope

The Track of Emerging Technologies, Applications, and Services welcomes original research works in emerging topics relevant to communication technologies, applications, and services. To ensure complete coverage of the advances in these topics, this track solicits original technical and scientific contributions in, but not limited to, the following topical areas:

- Big data communications and networking
- Cloud and fog communications
- Internet-of-things
- Autonomic communications
- Hybrid licensed/unlicensed spectrum access schemes
- Software defined networking and network function virtualization
- Nano-scale, molecular, and multi-scale communications
- Quantum communications and networking
- Vehicular networks and telematics applications
- Wireless body area networks and e-health services
- Smart grid communications and networking
- Social networks
- Tactile Internet
- Satellite and space communications
- Test-bed and prototype implementation of wireless services

Important Dates

Paper Submission: 28 July 2017

Acceptance Notification: 31 August 2017

Camera-ready Paper: 30 September 2017

Conference: 11-13 December 2017

Short biography of Track Co-chairs

Tony Q.S. Quek is a tenured Associate Professor with the Singapore University of Technology and Design (SUTD), leading the Wireless Networks and Decision Systems (WNDS) Group. He is also a Deputy Director of the SUTD-ZJU Innovation, Design and Entrepreneurship Alliance. He received the B.E. and M.E. degrees in Electrical and Electronics Engineering from Tokyo Institute of Technology, respectively. At MIT, he earned the Ph.D. in Electrical Engineering and Computer Science. He is currently an Executive Editorial Committee Member for the IEEE Transactions on Wireless Communications, an Editor for the IEEE Transactions on Communications, and an elected member of IEEE Signal Processing Society SPCOM Technical Committee. His main research interests are the application of mathematical, optimization, and statistical theories to communication, networking, signal processing, and resource allocation problems. Current research topics include heterogeneous networks, green communications, security, big data processing, IoT, and cognitive radio.

Angela Yingjun Zhang is an Associate Professor at Department of Information Engineering, The Chinese University of Hong Kong. She received her Ph.D. from The Hong Kong University of Science and Technology in 2004. She is a senior member of the IEEE and Fellow of Institution of Engineering and Technology (IET). She is now an Executive Editor of IEEE Transactions on Wireless Communications and Editor of IEEE Transactions on Communications. Her main research interests focus on optimization in wireless communications systems and smart grids.