

CALL FOR PAPERS



Bridging the Metropolitan and the Remote

December 11-13, 2017 Perth, Western Australia, Australia

The 23rd Asia-Pacific Conference on Communications

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The 23rd Asia-Pacific Conference on Communications (APCC2017) will be held in Perth, Western Australia, Australia, a vibrant, yet easy-going city surrounded by natural attractions. Since 1993, APCC has been the forum for researchers and engineers in the Asia-Pacific region to present and discuss about advanced information and communication technologies and services, while opening the door to the world at the same time. The theme of APCC2017 is “Bridging the Metropolitan and the Remote”.

Prospective authors are invited to submit original technical papers for presentation at the conference and publication in the conference proceedings. Papers must be written using the IEEE conference proceedings style format (two-column and 10-point font) with a maximum length limit of 6 pages. All accepted papers of APCC2017 will be submitted to IEEE Xplore.

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Topics of interest include, but are not limited to, the following:

Wireless Communications Track	Signal Processing for Communications Track
MIMO, multi-user MIMO, and massive MIMO OFDM and multi-carrier systems	Advanced equalization, channel estimation, signal detection techniques Novel architectures for signal demodulation and decoding
Multiple access techniques and air interfaces (CDMA, TDMA, FDMA, OFDMA) Millimeter wave and Terahertz communications	Signal processing techniques for commercial/standardized (LTE, LTE/A, WiMAX etc.) and other emerging systems Signal processing for millimeter and Tera-Hz communication systems
Maritime, space and underwater communications Modulation, coding, and diversity techniques	Signal processing for single-carrier, OFDM and OFDMA systems Signal processing for spread-spectrum, CDMA, ultra-wideband systems
Performance analysis of wireless communication systems	Machine learning, and stochastic geometry-based signal processing
Wireless Networks Track	Emerging Technologies, Applications, and Services Track
5G and beyond	User-centric networks and adaptive services
LTE, WiMAX, WMAN, and other emerging broadband wireless networks WLAN, WPAN, and other home/personal networking technologies	Context and location-aware wireless services and applications Wireless body area networks and e-health services
Underwater wireless networks Vehicular wireless networks	Intelligent transportation systems Dynamic sensor networks for urban applications
mmWave wireless networks Free space optical networks	Wireless emergency and security systems Ultra-reliable communication

Important Dates

Paper Submission Deadline	Jul. 28, 2017	Acceptance Notification	Aug. 31, 2017
Camera Ready Submission & Author Registration	Sep. 30, 2017	Early Bird Registration Deadline	Oct. 20, 2017
Conference Dates	Dec. 11-13, 2017		

