APCC 2018

Nov 12 – 14 2018 Ningbo, China

Organizing Committee

Call For Papers

The 24th Asia-Pacific Conference on Communications (APCC) will be held in Ningbo, China from the 12th to the 14th of November, 2018. The theme of this year's conference is IOT for Smart City: Green and Sustainability.

APCC'18 is technically sponsored by IEEE ComSoc. All accepted and presented papers in technical sessions and workshops will be published in the conference proceedings, in IEEE Xplore as well as EI and other Abstracting and Indexing (A&I) databases. Moreover, selected best papers with extended analysis and results will be recommended to the special issue of China Communications (a well-regarded SCI journal).

APCC'18 is sponsored by the China Institute of Communications (CIC), Korea's KICS, Japan's IEICE. Since 1993, APCC has been the forum for researchers and engineers in the Asia-Pacific region to present and discuss advanced information, communication technologies, and services, while opening the door to the world at the same time.

Topics of Interest

Signal Processing for Communications

- Advanced equalization, channel estimation, signal detection, and synchronization techniques
- Novel architectures for signal demodulation and decoding
- Signal processing techniques for commercial/standardized and other emerging systems
- Signal processing for millimeter and Tera-Hz communication systems

Wireless Networks

- 5G and beyond
- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- WLAN, WPAN, and other home/personal networking technologies
- Underwater wireless networks
- Vehicular wireless networks
- mmWave wireless networks
- Free space optical networks

Wireless Communications

- MIMO, multi-user MIMO, and massive MIMO
- OFDM and multi-carrier systems
- Multiple access techniques and air interfaces (CDMA, TDMA, FDMA, OFDMA)
- Millimeter wave and Terahertz communications
- Maritime, space and underwater communications
- Modulation, coding, and diversity techniques
- Performance analysis of wireless communication systems

Emerging Technologies, Applications, and Services

- Context and location-aware wireless services and applications
- User-centric networks and adaptive services
- Wireless body area networks and e-health services
- Intelligent transportation systems
- Dynamic sensor networks for urban applications
- Wireless emergency and security systems
- Ultra-reliable communication

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Technical Paper Submission	Acceptance Notification	Camera Ready
July 15 2018 (HARD DEADLINE)	**Aug 31 2018**	**Oct 7 2018**