



CALL FOR PAPERS

WCSP 2019

Wireless Communications Symposium

October 23-25, 2019, Xi'an, China

<http://www.ic-wcsp.org>

Overview: The Annual International Conference on Wireless Communications and Signal Processing (WCSP) aims to gather international researchers from academia and industry to meet and exchange ideas and recent research works across the broad field of ICT technologies. The event of WCSP 2019 will be held in Xi'an, Shaanxi, China, on October 23-25, 2019. The theme of WCSP 2019 is to embrace the future communications toward intelligence, including but not limited to wireless communications, future networking, signal processing, 5G Beyond, network and information security, optical communications, satellite communications, intelligent informatics and big data and multimedia.

Scope: The Wireless Communications Symposium covers all aspects related to wireless communications and its applications. Prospective authors are cordially invited to submit original papers for publication in the conference proceedings and for presentation at the conference. Topics of interest include but are not limited to

- Antenna, wireless propagation, and channel modeling
- OFDM and multi-carrier techniques
- Smart antenna and space-time signal processing
- MIMO, multi-user MIMO, and massive MIMO
- Modulation, coding, and diversity techniques
- Dynamic spectrum access and cognitive radio
- Interference management and radio resource allocation
- Equalization techniques
- Synchronization, estimation, and detection techniques
- Wireless multiple access (CDMA, OFDMA, NOMA, etc)
- Cooperative and relay-aided communications
- Heterogeneous and small-cell networks
- Full-duplex communications and networking
- Artificial intelligence/machine learning for wireless systems
- Energy-efficient and green communications
- Ultra-wideband (UWB) communications
- Wireless optical communications
- Millimeter wave and Terahertz communications
- UAV-based communications
- Cross-layer design and optimization for wireless systems
- Energy harvesting and wireless power transfer
- Wireless physical layer security
- M2M, D2D, and IoT communications
- Wireless communications systems and standard
- Performance evaluation for wireless systems
- Localization and navigation techniques
- Multimedia communications over wireless
- Wireless communications prototype and testbed

Submission and Publication: Please visit the conference website at <http://www.ic-wcsp.org> for submission instructions. All accepted and presented papers will be included in the WCSP 2019 Conference Proceedings and submitted for inclusion in IEEE Xplore Digital Library.

Important Dates:

Submission deadline:	July. 25, 2019
Acceptance notification:	Aug. 25, 2019
Camera-ready paper:	Sept. 10, 2019

Symposium Co-Chairs:

Li Sun	Xi'an Jiaotong University, China
Caijun Zhong	Zhejiang University, China
Michalis Matthaiou	Queen's University Belfast, UK
Wei Xu	Southeast University, China
Cheng Li	Memorial University of Newfoundland, Canada