



CALL FOR PAPERS

WCSP 2019

Future Networks Symposium

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

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

Overview: The Annual International Conference on Wireless Communications and Signal Processing (IC-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 Symposium on Future Networks will focus on new research results as well as practical implementations in the areas of next-generation networking and the enabling systems. Networking technologies will continue to evolve and to enable the telecommunication networks to adapt to the ever-increasing traffic. There are various techniques and solutions that can extend the network capacity effectively on the one hand, while improving the network flexibility, operability, energy efficiency, quality of service (QoS) and quality of experience (QoE) on the other hand.

The objective of this symposium is to serve as an international forum for experts from both the academia and industry to exchange ideas and results on research and development, and to promote and accelerate the standardization, applications, and services of future networking systems. To ensure complete coverage of the field, the Symposium on Future Networks solicits original contributions in, but not limited to, the following areas:

- Software-defined networking (SDN) and network function virtualization (NFV)
- Knowledge-defined networking (KDN) and the applications of artificial intelligence (AI) in future networks
- Future data-center networks
- Resource allocation and orchestration in future networks
- Energy-efficient networking
- 5G/6G mobile networks
- Cross-layer design, security, and optimization
- Integration of fiber-optic and wireless networks
- Congestion and admission control in future networks
- QoS/QoE support in future networks
- Future Internet-of-thing (IoT) networks
- Network fault management and service availability
- Multicasting, broadcasting, anycasting, manycasting and incasting in future networks
- Optimization models and algorithms for the control and management of future networks
- System prototypes, real deployments and experimental demonstrations of future networks
- Context and location aware applications
- Vehicular communication networks
- Security and privacy in future networks

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:

Zuqing Zhu	University of Science and Technology of China, China
Hui Yang	Beijing University of Posts and Telecommunications, China
Carlos Natalino De Silva	KTH Royal Institute of Technology, Sweden
Xiaoliang Chen	University of California, Davis, USA
Enjie Ding	China University of Mining and Technology, China