



Call For Papers
WCSP 2024: Wireless Channel, Transmission, and Access Symposium
October 24-26, 2024, Hefei, China
<http://www.ic-wcsp.org>

Overview: The 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 2024 will be held in Hefei, Anhui, China, on October 24-26, 2024, with the theme “Charging up wireless communications and signal processing with intelligence”. The conference will be sponsored and organized by University of Science and Technology of China, China, and technically co-sponsored by IEEE and IEEE Communications Society.

Scope: Wireless Channel, Transmission, and Access Symposium seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Multiple-input multiple-output (MIMO) communication
- Massive MIMO communication
- Cell-free massive MIMO
- Extremely large-scale massive MIMO (XL-MIMO) and holographic MIMO
- Interference management in multi-user communication
- Reconfigurable intelligent surface (RIS) and intelligent reflecting surface (IRS) assisted communication
- Large intelligent surface in communication
- Near-field communication and hybrid-field communication
- Massive machine-type communication in 5G and massive communication in 6G
- Ultra reliable and low latency communication in 5G and hyper reliable and low latency communication in 6G
- Orthogonal and non-orthogonal multiple access techniques
- Rate splitting multiple access techniques
- Full-duplexing communication
- Green communication and communication powered by energy harvesting
- Age of information
- Channel estimation and synchronization
- Millimeter Wave, Terahertz, and ultra-wideband communication
- Radio Resource Management and Scheduling
- Device-to-device communication
- Hybrid communication systems (e.g. satellite/unmanned aerial vehicles)
- Cooperative and relay-aided communications
- Standardization, field trials, and applications

Important Dates:

Full Paper Submission: June 25, 2024

Acceptance Notification: August 25, 2024

Final Paper Submission: September 5, 2024

Symposium Co-Chairs:

Liang Liu, The Hong Kong Polytechnic University, China

Shu Sun, Shanghai Jiao Tong University, China

Chengwen Xing, Beijing Institute of Technology, China

Xiaojun Yuan, University of Electronic Science and Technology of China, China

Weizheng Zhang, Harbin Institute of Technology, Shenzhen, China