



Call For Papers
WCSP 2024: Convergence of Sensing, Communication, and Computing
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: Convergence of Sensing, Communication, and Computing Symposium seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Fundamental theory for integrated sensing, communications, and computing
- Signal processing for integrated sensing and communications
- MIMO for advanced positioning accuracy and radar-like capabilities
- Cross-layer design and optimization for green communications and computing
- Experimental test-beds for integrated sensing, communications, and computing
- Scheduling for integrated sensing, communications, and computing
- Modelling and analysis for integrated sensing, communications, and computing
- Physical layer approaches for integrated sensing, communications, and computing
- Power consumption trends and reduction in integrated sensing, communications, and computing
- Standardization, policy and regulation for integrated sensing, communications, and computing
- Edge computing and edge AI for integrated sensing, communications, and computing
- Intelligent sensor and actuator networks
- Wearables, body sensor networks, smart portable edge devices
- Carbon-neutral integrated sensing, communications, and computing
- Quality and performance of integrated sensing, communications, and computing
- Intelligent reflecting surface enabled integrated sensing, communications, and computing
- Networked integrated sensing, communications, and computing
- Security of integrated sensing, communications, and computing
- Integrated sensing, communication, and powering
- Integrated sensing, communications, and computing with UAV

Important Dates:

Full Paper Submission: June 25, 2024

Acceptance Notification: August 25, 2024

Final Paper Submission: September 5, 2024

Symposium Co-Chairs:

Zhiyong Feng, Beijing University of Posts and Telecommunications, China

Yuan Liu, South China University of Technology, China

Yuanming Shi, ShanghaiTech University, China

Wei Wang, Peng Cheng Laboratory, China

Jie Xu, The Chinese University of Hong Kong, Shenzhen, China