



Call For Papers
WCSP 2024: Information, Coding, and Learning 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Scope: We encourage authors to submit previously unpublished original contributions from a broad range of topics related to information theory, coding, learning and their applications in other areas. The topics include but are not limited to the following:

- Source coding, data compression and quantization
- Classical error-correcting codes
- Coding techniques for data-storage systems
- Compressed sensing and generative priors
- Distributed coding and computing
- Information theory and coding for integrated sensing and computing
- Joint source-channel coding and modulation, especially in the task-oriented scenario
- Semantic coding and communications
- Soft-decision decoding for error-correcting codes
- Source and channel coding via and for machine learning
- Information theory and coding for deep learning
- Deep learning in coding and communications
- Quantum machine learning
- Quantum information theory and computing
- Quantum fault tolerant computation
- Quantum error correction and error mitigation
- Information Theory and coding for security
- Distributed and federated learning
- Privacy and fairness in deep learning

Important Dates:

Full Paper Submission: June 25, 2024

Acceptance Notification: August 25, 2024
Final Paper Submission: September 5, 2024

Symposium Co-Chairs:

Qin Huang, Beihang University, China

Xiao Ma, Sun Yat-sen University, China

Youlong Wu, ShanghaiTech University, China

Shutao Xia, Tsinghua University, China

Weiming Zhang, University of Science and Technology of China, China