



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

- Speech and audio signal processing
- Image and video signal processing
- Point cloud/Mesh signal processing
- Multimedia signal processing
- Multidimensional signal processing
- Multimedia compression
- Cooperative networking for streaming media content
- Digital broadcasting of audio (DAB), video (DVB), and multimedia (MBMS)
- Adoption of QoE metrics and models for assessment, control and management of multimedia services
- Multimedia quality assessment and impairment concealment
- Multimedia streaming, multicast, and broadcast services
- Multimedia source and channel coding
- Virtual/augmented/mixed reality
- Multimedia security and privacy
- Multimedia edge computing and fog communication
- SDN and NFV support for multimedia
- Multimedia Internet-of-Thing (IoT)
- Multimedia semantic communication
- Mobile multimedia in 5G/B5G/6G
- Multimedia big data and social media
- Green multimedia processing
- Energy-efficient multimedia streaming
- Machine learning and deep learning for multimedia and services
- AI applications for quality multimedia applications
- Cross-layer optimization for multimedia service support
- Quality in multimedia networks including VoLTE, VoNR, IPTV, and gaming

Important Dates:

Full Paper Submission: June 25, 2024

Acceptance Notification: August 25, 2024

Final Paper Submission: September 5, 2024

Symposium Co-Chairs:

Wenrui Dai, Shanghai Jiao Tong University, China

Frederic Dufaux, CentraleSupélec, France

Li Li, University of Science and Technology of China, China

Zhaoqing Pan, Tianjin University, China

Xiaoqi Qin, Beijing University of Posts and Telecommunications, China