



CALL FOR PAPERS
WCSP 2023
Optical, THz and mmWave Communications Symposium
November 2-4, 2023, Hangzhou, China
<http://www.ic-wcsp.org>

Overview: The annual International Conference on Wireless Communications and Signal Processing (WCSP) aims to provide a forum that brings together international researchers from academia and practitioners in industry to meet and exchange ideas and recent research work on all aspects of wireless communications and signal processing. Following the great success of WCSP 2009-2022, the 15th edition of the event, WCSP 2023, will be held in Hangzhou, Zhejiang, China, on November 2-4, 2023. The conference will be sponsored and organized by Zhejiang University, China, and technically co-sponsored by IEEE and IEEE Communications Society.

Scope: Optical, THz and mmWave Communications Symposium seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Artificial intelligence and machine learning for optical, THz and mmWave communication systems
- Modulation and coding for optical, THz and mmWave communication systems
- Multiple access techniques for optical, THz and mmWave communication systems
- Signal processing for optical, THz and mmWave communication systems
- Data analytics for optical, THz and mmWave communication systems
- Software-defined optical, THz and mmWave communication systems
- Virtualization and slicing for optical, THz and mmWave communication systems
- Resource management for optical, THz and mmWave communication systems
- Digital twin for optical, THz and mmWave communication systems
- Cross-layer design for optical, THz and mmWave communication systems
- Energy-efficient optical, THz and mmWave communication systems
- Optical wireless and fiber systems for 5G and beyond
- Free-space optical (FSO) communications and networks
- Visible light communications and networks
- Visible light positioning
- Ultraviolet communications and networks
- Optical network for datacenters and high-performance computing
- Testbeds and experiments for optical, THz and mmWave communication systems

Submission and Publication: Please visit the conference website at www.ic-wcsp.org for submission instructions. All accepted and presented papers will be included in the WCSP 2023 Conference Proceedings and submitted for inclusion in IEEE Xplore Digital Library.

Important Dates: Submission deadline: June 30, 2023
Acceptance notification: Aug. 30, 2023
Camera-ready paper: Sept. 1, 2023

Symposium Co-Chairs: Xianbin Yu, Zhejiang Lab, China
Mehdi Bennis, University of Oulu, Finland
Shilong Pan, Nanjing University of Aeronautics and Astronautics, China
Nuo Huang, University of Science and Technology of China, China
Yang Yang, Beijing University of Posts and Telecommunications, China