

Call for papers

Mobile and Wireless Communications (MWC) Symposium FCN 2026

Bologna, Italy, on Oct. 28 – Nov. 1, 2026

<http://www.future-forum.org.cn/en/fcn2026/index.html>

Co-Chairs:

Shuai Han	Harbin Institute of Technology, China (hanshuai@hit.edu.cn)
Hidekazu Murata	Yamaguchi University, Japan (muratahidekazu@yamaguchi-u.ac.jp)
Ruoyu Su	Nanjing University of Posts and Telecommunications, China (suruoyu@njupt.edu.cn)

Scope

The Mobile and Wireless Communications Symposium (MWC) will focus on topics related to all aspects of physical layer (PHY), MAC layer, cross-layer, and physical-layer-related network analysis and design. In particular, the symposium invites original contributions in, but not limited to, the following topical areas:

- Smart antennas, antenna arrays, metasurfaces, and space-time processing
- Propagation and channel modeling
- Modulation, coding, and diversity techniques
- MIMO, multi-user MIMO, massive MIMO and ultra-massive MIMO
- Interference characterization and modeling
- Interference management, alignment, and cancellation
- Multiple access techniques and air interfaces
- Distributed, relay assisted, and cooperative communications
- In-band coexistence and spectrum sharing
- Cross-layer design and physical-layer based network issues
- Full-duplex radio communications
- Heterogeneous and small-cell networks
- Device-to-device (D2D) and machine-to-machine (M2M) communications
- Non terrestrial networks (NTN)
- Space-air-ground network communications
- Localization and navigation techniques
- Underwater and maritime wireless communications
- Energy harvesting communications & Wireless power transfer
- Sustainable and green communications
- Millimeter-wave and terahertz-band communications
- Optical wireless communications (OWC)
- Beamforming communications
- Physical-layer network coding
- Radio resource management
- Radio systems virtualization
- Ultra-wideband communications (UWB)
- AIML for wireless communications

- Blockchain-enabled wireless communications
- Wireless communications for Web3
- Wireless communications for the metaverse
- Wireless communications testbeds, field tests, and measurements

Submission Guidelines

Perspective authors should follow the instructions at <http://www.future-forum.org.cn/en/fcn2026/Kit.html> to prepare their manuscripts. All papers should be submitted via EDAS. Submission information can be found at <http://www.future-forum.org.cn/en/fcn2026/Submission.html>.