



Call for Papers

Mobile and Wireless Networks Symposium

Symposium chairs

- Mehdi Bennis, University of Oulu, Finland
mehdi.bennis@oulu.fi
- Lin Gao, Harbin Institute of Technology, China
gaol@hit.edu.cn
- Ismael Guvenc, North Carolina State University, USA
iguvenc@ncsu.edu
- Baoxian Zhang, University of Chinese Academy, China
bxzhang@ucas.ac.cn

Scope and Topics of Interest

This symposium serves as an international forum for experts from academia, industry, and government to exchange ideas and new results on research and development, as well as to promote and accelerate standardization, applications, and services of current and future mobile and wireless networks. The symposium invites participation from both academic and industry researchers working in the area of wireless networking technologies, services, architectures, and protocols. The overall goal is to present the latest snapshot of ongoing research as well as to shed further light on future directions in this space. Authors are invited to submit papers presenting novel technical studies as well as broader position and vision papers comprising hypothetical/speculative scenarios covering mobility and wireless issues related to the following topics:

- Cellular systems, 2G/2.5G/3G/4G/5G and beyond
- Cognitive radio networks, dynamic spectrum access and emerging applications and services
- Cross-layer design and optimization
- Delay tolerant wireless networks
- End-to-end protocols, flow and congestion control
- Fault-tolerance and traffic engineering
- Free space optical networks
- Green wireless networks
- Heterogeneous and Femtocell networks
- Information-centric wireless networks

- Internet of things
- Inter-networking of wireless heterogeneous and multi-tier networks
- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- Machine-to-machine and machine-type communications
- Millimetre Wave wireless networks
- Novel architectural design and operation models
- Opportunistic wireless networks
- Pervasive and wearable computing and networking
- Power management and energy conservation techniques
- Reconfigurable wireless networks
- Social wireless networks
- Software-defined wireless networks
- Standardization activities of emerging wireless technologies
- Testbeds and deployment
- Underwater wireless networks
- User cooperation and incentive schemes
- Vehicular wireless networks
- Wireless cloud computing
- Wireless mesh networks
- Wireless multimedia networks
- Wireless network virtualization
- WLAN, WPAN, and other home/personal networking technologies

Submission Guidelines

The IEEE ICC 2020 website (icc2020.ieee-icc.org) provides full instructions on manuscript format and how to submit a manuscript. You will select the desired symposium/track when submitting your manuscript.