



# IEEE Global Communications Conference

7-11 December 2021 • Madrid, Spain

*Connecting Cultures around the Globe*

## Mobile and Wireless Networking Symposium

### **SYMPOSIUM CHAIRS AND CO-CHAIRS**

Shuai Han, Harbin Institute of Technology, China

[hanshuai@hit.edu.cn](mailto:hanshuai@hit.edu.cn)

Valeria Loscri, Inria Lille – Nord Europe, France

[valeria.loscri@inria.fr](mailto:valeria.loscri@inria.fr)

Lyes Khoukhi, ENSICAEN, Normandie University, France

[Lyes.Khoukhi@ensicaen.fr](mailto:Lyes.Khoukhi@ensicaen.fr)

Rui Wang, Tongji University

[ruiwang@tongji.edu.cn](mailto:ruiwang@tongji.edu.cn)

### **SCOPE AND MOTIVATION**

The Mobile and Wireless Networking Symposium aims to serve as an international forum for experts, researchers, and practitioners 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 wireless networks. This symposium invites contributions and participations 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 the 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 position and vision papers comprising hypothetical/speculative scenarios.

### **TOPICS OF INTEREST**

- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- 5G/6G networks and beyond
- WLAN, WPAN, and other home/personal networking technologies
- Security and privacy in mobile wireless networks
- Pervasive and wearable computing and networking
- Small cells and femtocell networks
- Wireless mesh networks
- Vehicular wireless networks
- Cognitive radio networks
- Underwater wireless networks

- Delay tolerant wireless networks
- mmWave wireless networks
- Software-defined wireless networks



- Reconfigurable wireless networks
- Free space optical networks
- Wireless edge computing, fog computing, and cloud computing
- Device-to-device communications
- Machine-to-machine communications
- Medium access control
- Routing and path selection
- Mobile social network
- Green wireless network
- Machine learning over wireless network
- Flow and congestion control
- Power management and energy conservation techniques
- User cooperation and incentive techniques
- Cross-layer design and optimization
- Fault-tolerance and traffic engineering
- AI-based wireless networking techniques
- Testbeds and deployment of wireless networks
- Standardization activities of emerging wireless technologies
- Non-terrestrial networks
- Communication paradigms based on emerging wireless technologies
- Integration of satellite and terrestrial network

#### **IMPORTANT DATES**

Deadline for paper submission: 15 April 2021

Date for notification: 25 July 2021

Deadline for final paper submission: 1 September 2021

## **SUBMISSION INSTRUCTIONS**

All papers for technical symposia should be submitted via EDAS through the following link:

<https://edas.info/newPaper.php?c=27487&track=102689>