IEEE GLOBECOM™ 2019

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IEEE Global Communications Conference

9-13 December 2019 • Big Island, Hawaii, USA

Revolutionizing Communications

CALL FOR PAPERS AND PROPOSALS

Mobile and Wireless Networking Symposium

SYMPOSIUM CO-CHAIRS:

Jun Zheng, Southeast University, P.R. of China

Lin Bai, Beihang University, P.R. of China

Chia-Han Lee, National Chiao Tung University, Taiwan

Qiang Li, Huazhong University of Science and Technology, P.R. of China

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.

MAIN TOPICS OF INTEREST:

- Cellular systems, 2G/2.5G/3G/4G/5G and beyond
- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- WLAN, WPAN, and other home/personal networking technologies
- 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 multimedia networks
- Information-centric wireless networks
- Opportunistic wireless networks

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- Green wireless networks
- Social wireless networks
- Network architectural design and operation models
- Wireless network virtualization
- Network slicing on radio access and mobile networks
- Inter-networking of wireless heterogeneous and multi-tier networks
- Wireless edge computing, fog computing, and cloud computing
- Coexistence of heterogeneous wireless networks in unlicensed spectrum
- Device-to-device communications
- Machine-to-machine communications
- Medium access control
- Routing and path selection
- 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

IMPORTANT DATES:

- Paper Submission: 15 April 2019
- Acceptance Notification: 15 July 2019
- Camera-Ready due: 16 Aug 2019

SUBMISSION LINK: https://edas.info/N25074