



The 17<sup>th</sup> Annual IEEE Consumer  
Communications & Networking  
Conference  
10-13 January 2020 // Las Vegas // USA



## Call for Papers

### Track 5 – Mobile and Cooperative Networks

#### Track Chairs:

Suman Kumar, Troy University, USA  
Kiho Lim, University of South Dakota, USA

#### Scope and Motivation:

The Mobile and Cooperative Networks track focuses on all topics related to all aspects of mobile and cooperative networking for both ad-hoc and infrastructure modes. Mobile networks are communication networks with users moving with low speed (walking speed) to vehicular, train or plane speed, and hinge largely upon the so-called self-organizing capability operating in a distributed fashion in ad hoc networks. This track aims at providing a forum for sharing ideas among researchers and practitioners working on state-of-the-art solutions to the challenges in wireless networking and cooperative networking. We are seeking papers that describe original and unpublished contributions addressing various aspects in this field.

#### Main Topics of Interest:

The Mobile and Cooperative Networks track seeks original contributions in the following areas, as well as others that are not explicitly listed but are closely related:

- Mobile services and QoS management
- Cross-layer design and optimization
- Fault-tolerance and traffic engineering
- Standardization activities of emerging wireless technologies
- Architecture for mobile and cooperative networking
- Vehicular wireless networks and connected vehicles
- WLAN, WMAN, WWAN, cellular and emerging wireless networks
- Small cell and femtocell networks
- SDN and NFV for mobile and cooperative networking
- Network Slicing and wireless network virtualization
- Cognitive radio networks and adaptive wireless networks
- Management, dependability, and security in mobile and cooperative networking
- Device-to-device communications for mobile and cooperative networking
- Delay/disruption tolerant networking and wireless mesh networking
- Mobility model and management for mobile and cooperative networking
- 4G/5G/B5G for mobile and cooperative networking
- Mobile edge computing and fog computing
- Wireless UAV systems and cooperative networking
- Wireless and mobile sensing systems and networks

Please visit <http://ccnc2020.ieee-ccnc.org/authors> for information on Paper Submission Guidelines and Author Requirements.