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Call for Papers

Track 5 – Mobile and Cooperative Networks

Track Chairs:

Arjun Nanjundappa, Samsung R&D, India
Sangheon Park, Korea University
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 We are seeking papers that describe original and unpublished contributions addressing various aspects in this field.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 service 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 cells 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 and mobile sensing systems and networks

Please visit <http://ccnc2019.ieee-ccnc.org/authors> for information on Paper Submission Guidelines and Author Requirements.