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IEEE Consumer Communications & Networking Conference (CCNC) Held in conjunction with the International Consumer Electronics Show, Las Vegas January 09-12, 2015

Call for Papers for *Wireless Networking and Mobility Track*

Scope and Motivation:

The next generation of wireless networks is expected to encompass heterogeneous access technologies and an Internet backbone so as to provide bandwidth-intensive wireless services to both mobile and stationary users. The Wireless Networking and Mobility Track at CCNC 2015 will focus on topics related to all aspects of wireless networking spanning the MAC layer, Network layer, Transport layer, and cross-layer designs, as well as wireless mobility related issues. The objective of this track is to serve as an international forum for experts from academia, industry, and government to exchange ideas and results on research and development, and to promote and accelerate standardization and services of current and future wireless networks.

Main Topics of Interest:

The Wireless Networking and Mobility Track seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- 4G and beyond wireless networks
- 60 GHz mm-wave networks
- Network capacity analysis
- Cognitive radio networks
- Cross-layer design and optimization
- Energy efficient wireless networking
- Femtocell/Picocell and small cell networks
- Flow control and congestion control
- Integration of heterogeneous wireless networks
- Measurement studies in wireless networks
- Medium access control
- Mobility, handoff, and location management
- Network architecture
- Network planning
- Optimization and theory for wireless networking
- QoS provisioning and resource allocation in wireless networks
- Smart grid powered wireless networks
- Traffic modeling and management
- Testbed development and deployment
- Underwater networks
- Ultra-wideband networks
- Wireless ad-hoc, sensor, and mesh networks
- Wireless local/personal area networks
- Wireless networking standards

Track Chair:

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