IEEE ICCC 2015 WCS: Wireless Communications Systems

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Scope and Topics of Interest

The ICCC 2015 Wireless Communications Systems (WCS) Symposium covers all topics relating to wireless communications, such as antennas and channels, channel estimation, synchronization, interference suppression, signal processing, MAC protocols, link-layer procedures, resource allocation, and cross-layer optimizations of the PHY/MAC/link layer. Advanced and emerging topics such as massive MIMO, millimeter wave communications, cooperative and cognitive communications, green communications, D2D communications, M2M communications, and TV white space communications will also be covered.

The topics under WCS include but are not limited to:

- Wireless Communications Theory
- Channel Modeling, Characterization, and Estimation
- Interference Mitigation and Power Control
- Synchronization and Equalization Techniques
- Space-Time Coding, MIMO, Adaptive Antennas
- Ultra-Wideband Communications
- Millimeter Wave Communications
- Physical Layer Network Coding
- Wireless Signal Processing
- Satellite Communications
- Cognitive Radio Communications
- Wireless Localization
- Mobile and Wireless IP
- Wireless Capacity, Throughput, Outage, Coverage
- Multihop and cooperative communications
- Wireless Networks
- Wireless Resource Management and Performance Optimization
- Energy-Efficient and Green Wireless Communications
- Cooperative Communications
- Device-to-Device and Machine-to-Machine Communications

- Wireless Crowd-Sensing Systems
- Heterogeneous Wireless Networks Involving Cellular and Wi-Fi Integrations
- Wireless Network Virtualization
- Small Cell Communications
- Economic and Game Theoretical Analysis of Wireless Systems
- TV White Space Communications
- User Centric Communications
- Experimental evaluation of networked communication systems

Submission Guidelines

Prospective authors are invited to submit original technical papers by the deadline of 1 June 2015 for publication in the IEEE/CIC ICCC 2015 Conference Proceedings and for presentation at the conference. Submissions will be accepted through EDAS. All submissions must be written in English and be at most six (6) printed pages in length, including figures. For full details, please visit the following website:

http://www.ieee-iccc.org/submguide.html