Call for Papers

Communication Theory Symposium

Symposium Co-Chairs

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Scope and Topics of Interest

The Communication Theory Symposium will focus on the fundamentals of communication systems and networking. The symposium welcomes original research works in these general areas, focusing on the physical layer as well as on the interactions with higher layers. To ensure complete coverage of the advances in this field, the Communication Theory Symposium solicits original contributions in, but not limited to, the following topical areas:

- Adaptive Modulation and Coding
- Channel Estimation
- Coding Theory
- Communication Theory in Ad-Hoc and Sensor Networks
- Cognitive Radio and Dynamic Spectrum Management
- Cooperative Communications
- Cross Layer Design
- Detection and Estimation
- Distributed Processing

- Diversity
- Energy Efficient Communication
- Feedback in Communications
- Fiber Optical Communications
- Fundamentals of femtocell and picocell-enhanced cellular networks
- Information theory and channel capacity
- Interference Management
- Iterative Techniques, Detection and Decoding
- Joint Source/Channel Coding
- Multicarrier Transmission
- Multiple Access Techniques
- Multiple-Input Multiple-Output (MIMO) Communications
- Multiuser Detection
- Network Coding
- Network Information Theory
- Orthogonal Frequency Division Multiplexing (OFDM)
- Physical-Layer Security
- Radio Resource Management
- Source Coding and Data Compression
- Space-time Coding and Processing
- Synchronization
- Turbo and LDPC Codes
- Ultra-wideband Communications

Important Dates

Submission deadline: June 15, 2013
Acceptance notification: Aug. 15, 2013
Camera-ready paper: Sept. 5, 2013
Conference dates: Oct. 24-26, 2013

Submission Guidelines

All submissions should be written in English with a maximum paper length of Six (6) printed pages including figures without incurring additional page charges (maximum 1 additional page with over length page charge if accepted). Submissions will be accepted through EDAS. More details are provided in the Submission Guideline page of the conference website:

http://www.ic-wcsp.org