CALL FOR PAPERS

WCSP 2012

Wireless Communications Symposium

October 25-27, 2012, Huangshan, China

http://www.ic-wcsp.org

Overview: The annual International Conference on Wireless Communications and Signal Processing (WCSP) aims to provide a forum that brings together International researchers from academia and practitioners in industry to meet and exchange ideas and recent research work on all aspects of wireless communications and signal processing. Following the great success of WCSP'09, WCSP'10, and WCSP'11, the fourth edition of the event, WCSP'12, will be held in **Huangshan (Yellow Mountain)** city, Anhui Province, China, on October 25-27, 2012, and will be sponsored and organized by the National Mobile Communications Research Lab at Southeast University, China, and technically co-sponsored by the IEEE and IEEE Communications Society. It will consist of four symposia, including communication theory symposium, wireless communications symposium, wireless networking symposium, and signal processing symposium.

Scope: The wireless communications symposium focuses on the state-of-art research topics related to all aspects of wireless communications. Prospective authors are welcome to submit original technical papers for publication in the conference proceedings and for presentation at the symposium. Topics of interest include, but are not limited to:

- Wireless propagation and channel characterization
- OFDM and multi-carrier techniques
- Smart antennas techniques
- MIMO and multi-antenna techniques
- Diversity techniques
- Dynamic spectrum access techniques
- Software-defined radio techniques
- Equalization techniques
- Synchronization, estimation, detection techniques
- Wireless multiple access techniques
- Cooperative communications
- Cognitive radio communications
- Wireless green communications
- Ultra-wideband (UWB) communications
- Free-space optical communications
- Joint source-channel coding
- Dynamic spectrum management
- Resource allocation and interference management
- Fixed wireless broadband access systems
- Energy harvesting communication systems
- Performance evaluation of wireless systems
- Wireless communication standard

Submission and Publication: Please visit the conference website at www.ic-wcsp.org for submission instructions. All accepted and presented papers will be included in the WCSP 2012 Conference Proceedings and IEEE Xplore Digital Library, and indexed by EI Compendex.

Important Dates:
Submission deadline: June 15, 2012
Acceptance notification: Aug. 15, 2012
Camera-ready paper: Sept. 15, 2012

Symposium Co-Chairs:
Xianbin Wang, University of Western Ontario, Canada (xianbin.wang@uwo.ca)
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