



Call for Papers

Signal Processing for Communications Symposium

Symposium Co-Chairs

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Scope and Topics of Interest

To achieve low-cost and low power-consumption for modern communication transceivers, advanced signal processing technologies play a key role. More and more signal processing algorithms and modules are designed and developed to provide novel solutions to new communication standards and technologies. Considering the fast-growing and diverse nature of the research in this field, we solicit original contributions in all relevant aspects of signal processing for communications. Topics of interest include, but are not limited to:

- Adaptive Antennas and Beamforming
- SIMO, MISO, MIMO Systems
- Channel Estimation, Equalization and Modeling
- OFDM and Multi-carrier Systems
- Signal Processing Techniques in CDMA or WCDMA
- Multi-user Systems
- Space-Time Processing and Decoding
- Signal Detection and Synchronization



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- Software Defined and Cognitive Radio
 - Modulation and Coding Techniques
 - Blind Signal Processing for Communications
 - Signal Processing for Security and Cryptography
 - VLSI/ASIC/FPGA Circuits and Systems for Communications
 - Transmitter and Receiver Techniques
 - Spectrum Sensing and Awareness
 - Signal Processing in LTE/LTE-A and Other Emerging Systems
 - Compressive Sensing and Compressive Sampling
 - Fast Transforms and Algorithms for Communications
 - Localization and Positioning Techniques
 - Speech, Image and Video Signal Processing
 - Signal Processing for Underwater Acoustic 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>