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WCSP 2017
Signal Processing Symposium

October 11-13, 2017, Nanjing, 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'09-16, the ninth edition of the event, WCSP'17, will be held in Nanjing, China, on October 11-13, 2017. The conference will be sponsored and organized by the National Mobile Communications Research Lab at Southeast University, China, and technically co-sponsored by the IEEE, IEEE Communications Society and IEEE Signal Processing Society. It will consist of six symposia, including ad hoc and sensor networking symposium, communication theory symposium, wireless communications symposium, wireless networking symposium, wireless network security symposium, and signal processing symposium.

Scope: The signal processing symposium focuses on the state-of-art research topics related to all aspects of signal processing. Prospective authors are invited 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:

- Adaptive signal processing
- Blind signal processing
- Speech and audio signal processing
- Image and video signal processing
- Multimedia signal processing
- Multidimensional signal processing
- Array and multi-channel signal processing
- Signal processing systems
- Signal processing applications
- Channel estimation and equalization
- Signal detection and synchronization
- Signal processing for spectrum sensing, shaping, and management
- Signal processing for single-carrier, OFDM and OFDMA systems
- Signal processing for multi-antenna and multi-user systems
- Signal processing for full-duplex communication
- Signal processing for interference cancellation
- Signal processing for software defined and cognitive radio
- Signal processing for adaptive antennas and beamforming
- Signal processing for security and cryptography
- Signal processing for localization, positioning, and tracking techniques
- Signal processing for millimeter and Tera-Hz communication systems
- Signal processing for spread-spectrum and ultra-wideband systems

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 2017 Conference Proceedings and submitted for inclusion in IEEE Xplore Digital Library.

Important Dates: **Submission deadline: July 30, 2017 (extended)**
Acceptance notification: Aug. 15, 2017
Camera-ready paper: Aug. 31, 2017

Symposium Co-Chairs: **Yongming Huang** Southeast University, China
Shaodan Ma University of Macau, China
Kai-Kit Wong University College London, UK
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