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WCSP 2018

Signal and Information Processing Symposium
October 18-20, 2018, Hangzhou, 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'09-17, the tenth edition of the event, WCSP'18, will be held in Hangzhou, China, on October 18-20, 2018. The conference will be sponsored and organized by the Zhejiang University, China, and technically co-sponsored by the IEEE and IEEE Communications Society. It will consist of eight symposia, including the Signal and Information Processing Symposium, Communication Theory Symposium, Wireless Communications Symposium, Wireless Networks Symposium, Network and Information Security Symposium, Machine Learning in Communications and Signal Processing symposium, and Underwater Acoustic Signal Processing and Communications Symposium.

Scope: The Signal and Information Processing Symposium focuses on the state-of-art research topics related to all aspects of signal and information 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
- Signal processing systems
- Signal processing applications
- Channel estimation and equalization
- Signal detection and synchronization
- Big data for communications and networking
- Signal processing for full-duplex systems

- Signal processing for spectrum sensing, shaping, and management
- Signal processing for single carrier, OFDM and OFDMA systems
- Signal Processing for multi-antenna and multiuser systems
- 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
- Machine learning, data mining over wireless networks
- Information processing for E-health applications and 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 2018 Conference Proceedings and submitted for inclusion in IEEE Xplore Digital Library.

Important Dates:	Submission deadline: **June 15, 2018**
	Acceptance notification: August 18, 2018
	Camera-ready paper: September 1, 2018
Symposium Co-Chairs:	**Himal A. Suraweera**, University of Peradeniya, Sri Lanka
	Rose Qingyang Hu, Utah State University, USA
	Minjian Zhao, Zhejiang University, China
	Wen Chen, Shanghai Jiao Tong University, China