WCSP 2017

October 11-13, 2017, Nanjing, China

CALL FOR PAPERS
WCSP 2017
Communication Theory 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 and IEEE Communications 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 communication theory symposium focuses on the state-of-art research topics related to all aspects of communication theory. 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:

- Coding theory
- Information theory and channel capacity
- Network information theory
- Detection and estimation theory
- Cooperative communications theory
- CDMA and spread spectrum
- Compressed sensing
- Adaptive modulation and coding
- Joint source and channel coding
- Error control coding
- Network coding

- Source coding and data compression
- Space-time coding and processing
- Distributed coding and processing
- Turbo and LDPC codes
- Distributed storage
- Diversity and fading countermeasures
- Theoretical aspects of energy-efficient communications
- Theoretical aspects of interference management, cancellation, alignment, and avoidance
- Theoretical aspects of cognitive radio
- Theoretical aspects of cross layer design

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: June 15, 2017
                            Acceptance notification: Aug. 15, 2017
                            Camera-ready paper: Aug. 31, 2017

Symposium Co-Chairs: **Jinxian Wu**   University of Arkansas, Fayetteville, USA

                          Wen Chen   Shanghai Jiaotong University, China
                          Li Chen   Sun Yat-Sen University, China
                          David Matolak   University of South Carolina, USA