



## Wireless Networking 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 Communication Theory Symposium, Wireless Communications Symposium, Wireless Networking Symposium, Signal and Information Processing Symposium, Network and Information Security Symposium, Machine Learning in Communications and Signal Processing Symposium, Underwater Acoustic Signal Processing and Communications Symposium, and Internet of Things symposium.

**Scope:** The Wireless Networking Symposium focuses on the area of wireless networking technologies, services, architectures, and protocols. The overall goal is to provide attendees a comprehensive perspective on the ongoing research as well as to shed further light on future directions in this space. Authors are invited to submit papers presenting novel technical studies as well as broader position and vision papers comprising hypothetical scenarios. Topics of interest for the Wireless Networks Symposium include, but are not limited to:

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| ① Cellular systems, 4G, 5G and beyond       | ① Network slicing on radio access and mobile networks       |
| ① WiMAX, LTE/LTE-A/LTE-A Pro, WMAN          | ① Inter-networking of wireless heterogeneous networks       |
| ① Wireless multimedia networks              | ① Wireless cloud computing and data center networking       |
| ① Wireless mesh networks                    | ① Network planning, capacity analysis, and topology control |
| ① Vehicular wireless networks               | ① Novel architectural design and operation models           |
| ① Body-based wireless networks              | ① Routing and multicasting protocols in multi-hop networks  |
| ① Delay tolerant wireless networks          | ① Resource management and admission control                 |
| ① Small cell networks                       | ① Mobility, handoff, and location management                |
| ① Smart grid networks                       | ① Energy efficient wireless communications                  |
| ① User-centric ultra-dense networks         | ① Monitoring, network measurement and management            |
| ① Wireless networks for UAVs communications | ① End-to-end protocols, flow and congestion control         |
| ① M2M/D2D communication, LTE-U, NB-IoT      | ① Cross-layer design and optimization                       |
| ① Reconfigurable wireless networks and SDN  | ① Testbeds and deployment                                   |
| ① Location- and context-aware services      | ① Standardization of emerging wireless technologies         |

**Submission and Publication:** Please visit the conference website at [www.ic-wcsp.org](http://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 (Extended): **July 18, 2018**  
 Acceptance notification: Aug. 18, 2018  
 Camera-ready paper: Sept. 15, 2018

**Symposium Co-Chairs:** **Min Sheng**, Xidian University, China  
**Xin Wang**, Fudan University, China  
**Shiwen Mao**, Auburn University, USA  
**Yonghui Li**, University of Sydney, Australia