

# IEEE/CIC International Conference on Communications in China

## IEEE/CIC ICC 2017

22-24 October 2017, Qingdao, China

Conference Website: <http://www.ieee-icc.org/>

IEEE/CIC International Conference on Communications in China (ICC 2017) will be held in Qingdao, China, 22-24 October, 2017. This conference will feature world-class plenary speakers, major technical symposia, industry and academic panels, tutorials and workshops. The technical program chairs invite the submission of original papers to following symposia for presentation and publication in the conference proceedings. Accepted and presented papers will be submitted to IEEE Xplore. Best paper awards will be selected from accepted papers.

### Symposium of Wireless Communications of IEEE/CIC ICC 2017

The Wireless Communications Symposium covers all aspects related to wireless communications and its applications, with a focus on topics related to physical layer (PHY), MAC layer, cross-layer, and physical layer-related network analysis and design. Advanced and emerging topics such as massive MIMO, millimeter wave communications, cooperative and cognitive communications, green communications, D2D communications, and M2M communications will also be covered. In addition, papers on field tests and measurements, field trials and applications from both industries and academia are also encouraged for submission.

### Main Topics of Interest:

To ensure complete coverage of the advances in wireless communications technologies for the current and future systems, the Wireless Communications Symposium cordially invites original contributions in, but not limited to, the following topical areas:

- Advanced equalization, channel estimation, and synchronization techniques
- Antennas, smart antennas, and space-time processing
- Broadband wireless access techniques, systems, and standards
- Channel modeling and propagation
- Cognitive communications
- Cross-layer design and physical-layer based network issues
- Device-to-device (D2D) and machine-to-machine (M2M) communications
- Digital broadcasting of audio (DAB), video (DVB), and multimedia (MBMS)
- Distributed, relay assisted, and cooperative communications
- Heterogeneous and small-cell networks
- Hybrid communication systems (e.g. satellite/terrestrial/wireline hybrids)
- Interference characterization and applications of stochastic geometry
- Interference management, alignment, and cancellation
- Inter-cell interference coordination (ICIC) and coordinated multi-point (CoMP)
- Localization and navigation techniques
- Millimeter wave and Terahertz communications
- MIMO, multi-user MIMO, and massive MIMO
- Modulation, coding, and diversity techniques
- Multiple access techniques and air interfaces (CDMA, TDMA, FDMA, OFDMA)
- OFDM and multi-carrier systems
- Performance analysis of wireless systems

- Physical-layer network coding
- Physical-layer security
- Physical-layer aspects of wireless sensor networks
- Radio resource management
- RFID and its applications
- Ultra-wideband (UWB)
- Underwater communications
- Wireless communications testbeds, field tests, and measurements

### **Submission Guidelines**

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The submitted papers should be original, not published or currently under review for publications in any other journal or conference. All submissions must be formatted in standard IEEE camera-ready format and must be written in English and be at most six (6) printed pages in length, including figures. Papers should be submitted through EDAS System.

#### **Important dates:**

Paper Submission Deadline: Extended to 15 June, 2017

Acceptance Notification: 16 July, 2017

Camera-Ready: 18 August, 2017

#### **Symposium Co-Chairs**

Jingxian Wu, University of Arkansas, U.S.A.  
wuj@uark.edu

Phone Lin, National Taiwan University, China  
plin@csie.ntu.edu.tw

Takis Mathiopoulos, University of Athens, Greece  
mathio@di.uoa.gr

Lingyang Song, Peiking University, China  
lingyang.song@gmail.com