

IEEE/CIC International Conference on Communications in China

IEEE/CIC ICC 2018

16-18 August 2018, Beijing, China

Conference Website: <http://iccc2018.ieee-iccc.org/>

IEEE/CIC International Conference on Communications in China (ICCC 2018) will be held in Beijing, China, 16-18 August, 2018. 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 the following symposium for presentation and publication in the conference proceedings. Accepted and presented papers will be submitted to IEEE Xplore. Best papers will be selected from accepted papers.

Symposium of Wireless Communications of IEEE/CIC ICC 2018

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 industry and academia are also encouraged for submission. This symposium invites original contributions in, but not limited to, the following 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 (CDMA, TDMA, FDMA, OFDMA, NOMA)
- 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

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 the EDAS system.

Important dates:

Paper Submission Deadline: 20 April, 2018

Acceptance Notification: 1 June, 2018

Camera-Ready: 15 June, 2018

Symposium Co-Chairs

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