

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 Communication and Information Theory of IEEE/CIC ICC 2017

Scope and Motivation

The Communication and Information Theory Symposium will focus on the fundamentals of communication systems and information theory related topics, including wireless and wired communications, Information Estimation, Processing and Analytics etc. The symposium welcomes original and innovative research work in these general areas. High quality papers reporting on applications of communications theory and information theory from both industry and academia are encouraged. Main Topics of Interest to ensure complete coverage of the advances in this field, the Communication and Information Theory Symposium cordially invites original contributions in, but not limited to, the following topical areas:

- Adaptive Modulation and Coding
- CDMA and Spread Spectrum
- Channel Estimation and Synchronization
- Coding Theory
- Communication Theory Aspects of Ad Hoc and Sensor Networks
- Theory Aspects of Cooperative Communications
- Communication Theory for Cross Layer Design
- Detection and Estimation Theory
- Diversity and Fading Countermeasures
- Energy Efficient Communication
- Feedback in Communication Systems
- Fundamentals of Heterogeneous and Small-Cell Networks
- Fiber Optical Communications and Free-Space Optical Communications
- Information Theory and Channel Capacity
- Theory Aspects of Interference Characterization and Applications of Stochastic Geometry

- Theory Aspects of Interference Management, Cancellation, Alignment, and Avoidance
- Iterative Techniques, Detection and Decoding
- Joint Source/Channel Coding
- Multiple Access Techniques
- Theory Aspects of Multiple-Input Multiple-Output (MIMO) Communications
- Multiuser Diversity Network Coding
- Network and Multiuser Information Theory
- Orthogonal Frequency Division Multiplexing (OFDM) and Multi-Carrier Systems
- Radio Resource Management and Scheduling
- Source Coding and Data Compression
- Space-time Coding and Processing
- Theoretical Aspects of Cognitive Radio
- Theoretical Aspects of Device-to-Device and Machine-to-Machine communications
- Theoretical Aspects of Power Line Communication
- Ultra-Wideband, Millimeter Wave, and Sub-Terahertz Communication Theory
- Wireless Communications Powered by Energy Harvesting
- Information Theory for Big Data
- Distributed storage of big data
- Distributed Coding and Processing of big data

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 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

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