ICEICT 2019

2019 IEEE 2nd International Conference on Electronic Information and Communication

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http://www.iceict.org/

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About ICEICT

ICEICT 2019 is sponsored by Harbin Engineering University, IEEE Harbin Section and IEEE Harbin AP/MTT/EMC Joint Chapter, it is also supported by other research institutes and local universities.

It is the second forum to provide a platform for bringing together researchers, practitioners, and academia to present and discuss ideas, challenges and potential solutions on established or emerging topics related to research and practice in computer science, information technology and communication systems.

The first forum ICEICT was successfully inaugurated by Harbin Institute of Technology in Harbin in 2016. All accepted papers of ICEICT 2016 has been indexed by EI Compendex.

Call for Papers

I. Communications and Network
•Modeling & Simulation of Communication Systems
•Network Architecture & Protocol
•Optical Fiber/Microwave Communication
•Wired & Wireless Communication and Networking
•IoT (Internet of things); RFID; WPAN; ZigBee
•Modulation, Coding and Information Theory
•Satellite Communications; Ultra-Wideband; Protocols; Nano networks
•Optical Communications and Networking; Mobile Computing
•Grid, cluster and P2P computing; Pervasive/ubiquitous computing
•Web services and Internet computing; Computer and Network Security
•Cryptography; Mobile and Wireless networks security
•Optical network security
•Web, eBusiness, eCommerce, eGovernment security

II. Signal Processing and Information Technology
•Acoustic/Sonar Imaging and Techniques
•Biomedical Image Processing
•Radar SP and Imaging, SAR, ATR
•MIMO SP for Radar
•Ground and Foliage Penetration Systems
•Signal Acquisition and Sensor Management
•DF, Emitter Location, Elint, Array Processing
•Target Detection, Identification and Tracking
•Data Fusion; Information Storage;
•Trusted Computing and Fault-Tolerant Computing
•Operating System; Software Engineering; Information Security
•Sensor data processing, mining, and machine learning
•Coding, compression and information theory

III. Antennas, Propagation, and Scattering
•Smart Antennas, Beamforming and MIMO
•Wave Propagation and Channel Modeling
•Wave Scattering and RCS
•NanoEM, Plasmonics, and Applications
•Metamaterials, FSS and EBG
•EM Field Theory and Numerical Techniques
•EM Interference & Compatibility, SI
•Spectrum Management and Monitoring
•RF, uWave, mmW and THz Measurements

IV. Microwave Systems, Radar, RF
•Aeronautical and Space Applications
•RFID Devices/Systems/Applications
•Automotive/Transportation Radar & Communications
•UWB and Multispectral Technologies & Systems
•Emerging System Architectures
•Modelling Techniques for RF Systems
•Radar Techniques, Systems and Applications
•Sonar Systems and Applications
•Wireless Power Transfer & Energy Harvesting
•Terahertz Systems
•Instrumentation and Measurement Techniques
•Linear Device Modeling
•Nonlinear Device Modeling
•Terahertz Devices: Electronics/Photonics/Plasmonics
•(MIMO) measurements
•Nonlinear measurement techniques
•RF packaging and package modeling
•Semiconductor devices and component modeling for RF applications
•RF MEMS and microsystems
•Microwave and millimeter-wave systems
•Radar, SAR and microwave imaging
•Electronic warfare and other military applications of RF/microwaves
•Measurement techniques for antennas, electromagnetic radiation, propagation
•Novel electromagnetic materials

Important date:

Preliminary paper submissions:	December 1, 2018
Notification of acceptance:	December 15, 2018
Registration deadline:	December 30, 2018

Contacts:

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IEEE AP/MTT/EMC Joint Chapter (Harbin)

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Aviation Key Laboratory of Science and Technology on High Intensity Electromagnetic Environment Protection

电磁环境效应航空科技重点实验室
Aviation Key Laboratory of Science and Technology on Electromagnetic Environmental Effects

CISC Science and Technology on Communication Information Security Control Laboratory