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## About ICEICT

2020 IEEE 3rd International Conference on Electronic Information and Communication Technology (ICEICT 2020) will be held in Shenzhen, China on November 13-15, 2020.

ICEICT 2020 is sponsored by Shenzhen University and IEEE Harbin Section, co-sponsored by Institute of Next Generation Network, Chongqing University of Posts and Telecommunications. It is also supported by IEEE Harbin AP/MTT/EMC Joint Chapter and other research institutes and universities.

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. The second forum ICEICT was successfully inaugurated by Harbin Engineering University in Harbin in 2019. All accepted papers of ICEICT 2019 has been indexed by EI Compendex.

## Call for Papers

### I. 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

### II. 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

### III. 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

### IV. 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

## Important dates

Preliminary paper submissions: September 1, 2020

Notification of acceptance: September 20, 2020

Registration deadline: September 30, 2020

## Contact

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