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ISCIT 2020

20th International Symposium on Communications and Information Technologies

October 20 – 23, 2020

Torigin Bunka Kaikan, Tottori, Japan

Quest for Quality of Life and Smart City

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Call for Papers

The 20th International Symposium on Communications and Information Technologies (ISCIT 2020) will be held in Tottori, Japan. The symposium will provide a forum for researchers, engineers, and industry experts to exchange and discuss a new idea, recent development, and breakthroughs in IoT, communications, and information technologies. The topics for regular and special sessions include, but are not limited to, the followings:

Circuits and Systems

Circuits and Systems for Communications
IoT, Wearable Devices
Analogue and Mixed Signal Processing
Numerical Methods and Circuit Simulation
Low Power Design & VLSI Physical Synthesis
Modeling, Simulation, and CAD Tools
VLSI Architecture for Signal Processing
Hardware architecture for AI
Smart Sensors

Wireless Communications

OFDM and Multi-carrier Systems
MIMO, Multi-user MIMO, and Massive MIMO
Interference Alignment and Cancellation
Heterogeneous and Small-Sell Networks
Channel Modeling and Propagation
Distributed and Cooperative Communications
Smart Antennas and Space-Time Processing
Communication Security

Next-Generation Networking

Software-Defined Networking (SDN)
Network Function Virtualization (NFV)
Data Center and Cloud-based Networking
Self-Organizing Networks
Network Provisioning, Monitoring, Management
Emerging Internet Applications
Energy-Efficient Protocol Design
Green Communication
Network Security and Privacy

Computational Intelligence,

Data Science & AI

Fuzzy Logic
Neural Networks
Evolutionary Computation
Learning Theory
Machine Learning
Statistic & Probabilistic Methods
Data Mining
Classification
Clustering
Association Analysis
Regression Analysis
Knowledge-based Engineering
Time Series Analysis
Big Data Analysis
Deep Learning
Image, Video and Speech Processing
Natural Language Processing
Biomedical Information Analysis
Wireless Networking & IoT
Cellular Systems, 4G/5G and Beyond
WLAN, Mesh, and Vehicular networks
Spectrum Sharing and Management
IoT Computing and Networking
Energy-Efficient Designs for the IoT
IoT Security, Trust, Privacy
IoT Data Management, Mining, and Fusion
New IoT Services and Applications

Important Dates:

Authors are invited to submit **a short paper (2-3 pages) or a full paper (4-6 pages).**

Special Session Proposal:

May 8, 2020

Paper Submission for Regular Tracks:

June 1, 2020

Acceptance Notification:

August 1, 2020

Camera Ready Submission:

September 1, 2020

