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HUALIEN, TAIWAN

INTERNATIONAL SYMPOSIUM ON INTELLIGENT SIGNAL PROCESSING AND COMMUNICATION SYSTEMS
16-19 NOVEMBER, 2021

CALL FOR PAPERS — 5G Dream to Reality

TOPICS

Communication Systems
- Antenna, Radio Propagation and Channel Modeling
- Communication and Information Theory
- Wideband and Massive MIMO Wireless Systems
- IoT Network
- Wireless Systems for 5G and Next Generation WLAN
- Visible Light Communication
- Intelligent Communication Systems and Software Defined Networks
- Resource Allocation
- Cognitive Radio
- Wireless Power Transfer and Energy Harvesting
- mmWave Communications
- Others

Multimedia and Systems
- Audio/Speech Processing and Coding
- Image/Video Processing and Coding
- Video and Multimedia Technology and Communications
- Multimedia Processing for e-Learning, IoT and AI Applications
- Multimedia Communications
- Big Data Mining
- Internet of Things
- Deep Learning
- Others

Signal Processing
- Cloud Computing, Deep Learning and Big Data
- Digital Filters and Filter Banks
- Wavelets and Multi-rate Signal Processing
- Adaptive, Non-linear and Multidimensional Signal Processing
- Fast Computations for Signal Processing and Communication Systems
- Intelligent Signal Processing for Communications and Systems
- Forensic and Security Signal Processing
- Optical Signal Processing
- Medical Signal Processing
- Signal Processing for E-learning
- Radar, Antennas Signal Processing
- Adaptive and Array Signal Processing
- Others

VLSI
- Analog and Digital ICs for Communications
- Low Power Design and VLSI Physical Synthesis
- Modeling, Simulation and CAD Tools
- VLSI Architecture for Signal Processing
- VLSI Architecture for Intelligent Systems
- Application-specific Digital Signal Processors
- Reconfigurable and Adaptive Architectures
- Approximate and Inexact Computing
- Heterogeneous and Multi-processor System-on-chip
- Graphic, Video, and Multimedia DSPs
- Others

Circuits and Systems
- Circuits and Systems for IoT and AI Systems
- Analog and Mixed Signal Processing
- Numerical Methods and Circuit Simulation
- Circuits and Systems for Communications
- Circuits and Systems for IoT
- Neural Networks, Deep Learning and Fuzzy Logic Processing
- Sensors and Devices
- Intelligent Instrumentations
- Wireless Sensor Networks
- Machine Learning and Neuromorphic Circuits
- Energy Harvesting Circuits
- Hardware and Cross-layer Security
- Smart Devices and Wearable Electronics
- Others

Emerging Technologies in Signal Processing and Communication

IMPORTANT DATES

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