



FINAL CALL FOR PAPERS (<http://www.icce2012.org/>, <http://www.hut-icce.org/>)

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IMPORTANT DATES

Extended hard deadline:

March 9th, 2012

Acceptance notification:

May 4th, 2012

Registration & camera-ready:

June 8th, 2012

Conference date:

August 1st - 3rd, 2012

CONFERENCE OFFICIAL ADDRESS:

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The International Conference on Communications and Electronics (ICCE) is becoming a reputable bi-annual international conference series in the scientific community on the areas of Electronics and Communications recently. Following the past successful conferences, the fourth ICCE (ICCE 2012) looks for significant contributions to various topics in communication engineering, networking, microwave engineering, signal processing and electronics engineering. The conference will also include tutorials, workshops, and technology panels given by world-class speakers.

Being co-organized by Hanoi University of Science Technology (Vietnam), University of Technology Sydney (Australia) and Da Nang University of Technology (Vietnam), ICCE 2012 will be held in the former royal city of Hue from **August 1st - 3rd 2012**. The conference is technically co-sponsored by KICS (Korean Information and Communications Society), IEEE and IEEE ComSoc, AP-S, Photonics; IEICE (Japan) as well as IEICE ES and CS.

Hue, the Cultural Heart of Vietnam, is a special city because it is the capital of Vietnam for 150 years. The forbidden city of Hue is nominated as the World Cultural Heritage of UNESCO. Hue is also notable for its many other royal structures, including Imperial tombs around the city. You and your family will be welcomed with its hospitality.

PUBLICATIONS

Full accepted papers will be published in IEEE Xplore. Selected papers will be invited for publication in upcoming issue of Journal of Communications and Networks (JCN), which is a SCI-indexed international journal published by KICS, after a suitable peer-review and further revisions (<http://www.jcn.or.kr>).

SCOPE OF THE CONFERENCE

Contributed papers are solicited describing original works in electronics, communication engineering and related technologies. Topics and technical areas of interest include but are not limited to the followings:

I. COMMUNICATION NETWORKS AND SYSTEMS

- Networking: Future Internet/Future Networks, QoS/QoE and Resource Management, Optical Networks; Wireless, Mobile, Adhoc and Sensor Networks, Ubiquitous Networks, Network Security, Multimedia Networking;
- Communication Systems: Coding and Information Theory, Wireless, UWB, Ultrasonic Communications, Satellite Communications; Radio-over-Fiber, Free Space and Fiber-Optic Communications;
- Other Emerging Technologies: Network Coding, Software Defined Radio, Cognitive Radio.

II. SIGNAL PROCESSING AND APPLICATIONS

- Signal, Image, Audio, Video Processing, Analysis and Applications
- Pattern Recognition
- Biomedical Signal Processing and Analysis
- Signal Filtering, Detection and Estimation
- Statistical Signal Processing and Modeling
- Ambient Intelligence
- Computer Vision and Audition

V. Special Session on ENERGY-EFFICIENT NETWORKING (see <http://icce2012.org/>)

III. MICROWAVE ENGINEERING

- Microwave Devices/Components Design and Techniques: Passive, Active Devices, MEMS, Integration Techniques, Nano-Scale Devices, Millimeter-Wave and THz Components;
- Antenna Design and Applications: Wideband, Multiband, Smart Antennas, Antenna Modeling and Measurements
- RF, Microwave and Millimeterwave Systems and Applications
- Other Related Technologies: Nanoscale Integration of Planar, Free-Space, and Mixed Subsystems; Metamaterial and Applications.

IV. ELECTRONIC SYSTEMS

- Analog and Mixed-Signal Circuits; Low Power Designs
- System Design, Synthesis and Optimization; Formal Methods and Verification
- Embedded Systems; Reliable and Reconfigurable System
- Communication, Consumer and Multimedia System; Medical and Healthcare System

VI. Special Session on SATELLITE NAVIGATION TECHNOLOGY (see

<http://icce2012.org/>)

