



The 2016 International Conference on ADVANCED TECHNOLOGIES FOR COMMUNICATIONS

Hanoi, Vietnam, October 12 - 14, 2016
VNU University of Engineering and Technology
www.rev-conf.org

CALL FOR PAPERS

October 12 - 14, 2016, Hanoi city, Vietnam

The International Conference on Advanced Technologies for Communications is an annual conference series, since 2008, co-organized by the Radio & Electronics Association of Vietnam (REV) and the IEEE Communications Society (IEEE ComSoc). The goal of the series is twofold: to foster an international forum for scientific and technological exchange among Vietnamese and worldwide scientists and engineers in the fields of electronics, communications and related areas, and to gather their high-quality research contributions.

In 2016, the ATC conference will be held in Hanoi city, Vietnam during October 12-14, 2016 and hosted by University of Engineering and Technology, Vietnam National University, Hanoi (VNU-UET). The conference will feature prominent invited speakers as well as papers by top researchers from all over the world.

TECHNICAL PROGRAM

The conference program will run for three days with the regular tracks, special sessions, and workshops. In addition, a number of tutorial sessions will be scheduled for one day before the conference starts. For the tracks and special sessions, we invite you to contribute your original work on topics in the following, but not limited to, areas:

Communications track

- Communication Theory
- Information & Coding Theory
- Communication Quality, Reliability & Modeling
- Wireless Communications

Signal Processing track

- Signal, Image and Video Processing
- Signal Processing for Communications
- Signal processing for Big Data
- Signal processing for the IoTs

Biomedical Engineering track

- Bio-imaging and biomedical signal processing
- Telemedicine and E-hospital
- Biomechanics

Networks track

- Ad hoc & Sensor Networks
- Computer Communications
- Optical Networking
- Satellite Communications
- High-Speed Networking
- Network Operations & Management

Integrated Circuits track

- Emerging IC technologies
- VLSI Design Automation
- Digital, Analog and Mixed-Signal ICs and Systems
- RF IC Front-end and Transceivers
- Low power design
- SOC, SIP, IP

Electronics track

- Electronic Circuits and Systems
- Embedded Systems
- Automation, Robotics and Control
- Consumer and Automotive Electronics
- Sensor Systems

Microwave Engineering track

- Microwave Theory & Techniques
- RF, Microwave Circuits, Systems & Applications
- Millimeter Wave, THz Technologies and Systems
- Power Amplifier Devices and Circuits

Antennas and Propagation track

- Antenna Systems
- Integrated Antennas, Smart Antennas, Digital Beamforming, Related Circuits and Components
- Electromagnetic Scattering, Channel Measurement and Propagation
- Computational Methods for Wave Propagation

SUBMISSION & POLICIES

Submitted papers (for both regular and special sessions) are subject to a blind reviewed process handled by an international technical program committee. An author of an accepted paper must be registered at full rate (member or non-member of the IEEE or REV) prior to uploading the camera-ready version. The maximum length of the camera-ready version is 6 pages. Accepted and presented papers will be included in the IEEEExplore Digital Library. The IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented at the conference.

IMPORTANT DATES

Regular/special paper submission:

Manuscript submission: **May 31, 2016**

Notification of acceptance: **July 30, 2016**

Camera-ready submission: **Aug. 15, 2016**

Proposal submission:

Special Sessions: **April 15, 2016**

Workshops: **April 15, 2016**



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COMMITTEES

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Distinguished Keynote Speakers (By Date)

Minh Ngoc Do, <http://minhdo.ece.illinois.edu/>

Dong In Kim, <http://prof.icc.skku.ac.kr/~dikim/index.html>

Journal Recommendation

After the conference, a significant number of authors of accepted papers of our conference, will be given the opportunity to submit the extended version of their papers for publication consideration in following journals

1. Journal of Science: Advanced Materials and Devices, ISSN 2468-2179, Elsevier.
Link: <http://www.journals.elsevier.com/journal-of-science-advanced-materials-and-devices/>
2. REV Journal on Electronics and Communications, ISSN 1859-378X.
Link: <http://www.rev-jec.org/>