

OCTOBER 18 - 20

2017

QUY NHON CITY, VIET NAM

CALL FOR PAPERS

The 2017 International Conference on
**ADVANCED TECHNOLOGIES FOR
COMMUNICATIONS**
Quy Nhon University
www.atc-conf.org

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 2017, the ATC conference will be held in Quy Nhon city, Vietnam during October 18-20, 2017 and hosted by Quy Nhon University (QNU). 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

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

Networks track

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

Biomedical Engineering track

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

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 register 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.

Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. 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
(hard deadline): **July 20, 2017**
Notification of acceptance: **Aug.31, 2017**
Camera-ready submission: **Sep.10, 2017**

Proposal submission:

Special Sessions: **April 15, 2017**
Workshops: **April 15, 2017**

Tel : +84-56-3846156

Fax : +84-56-3846089

Website: www.atc-conf.org

Email: atc2017@qnu.edu.vn

