2021 INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR COMMUNICATIONS (ATC 2021)

ATC 2021

14 - 16, October, 2021
Ho Chi Minh City, Vietnam
Hosted by HUTECH

CALL FOR PAPERS
http://www.atc-conf.org   Email: atc2020@tcu.edu.vn

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 two folds: to foster an international forum 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 2021, ATC will be hosted by Ho Chi Minh City University of Technology (HUTECH) during October 14-16, 2021 and organized in a Hybrid mode. The on-site part is the main mode of the hybrid conference. The online presentations (participation) are acceptable for foreign authors who cannot travel to Ho Chi Minh City.

ORGANIZED BY

HUTECH — Đại học Công nghệ Tp.HCM   REV   IEEE ComSoc — IEEE Communications Society

TECHNICAL PROGRAM

June 10, 2021

The conference program will run for three days with the regular tracks, specials 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 & Modelling
- Wireless Communications
- Machine learning for Digital Communications
- Deep learning and Applications in Communications System

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

SIGNAL PROCESSING TRACK
- Signal, Image and Video Processing
- Signal Processing for Communications
- Signal Processing for Big Data
- Signal Processing for the IoTs
- Bio-Imaging and Biomedical Signal Processing
- Telemedical and E-hospital
- Biomechanics

INTEGRATED CIRCUITS AND ELECTRONICS TRACK
- Emerging IC technologies
- VLSI Design Automation
- Digital, Analog and Mixed-Signal ICs and Systems
- RF IC Front-end and Transceivers
- Low Power Design
- IoT, Sensor & Embedded Systems
- Automation, Robotics and Control
- Consumer and Automotive Electronics

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, Active Adaptive and Smart Antennas
- Electromagnetic Scattering, Channel Measurement and Propagation
- Computational Methods for Wave Propagation

SPECICAL SESSION
Full-duplex communications for 5G & Beyond and IoT applications

SPECICAL SESSION
Special Session on Edge computing for 5G and beyond networks

SUBMISSION AND POLICIES

Submitted papers (for both regular and special sessions) are subject to a blind review 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 proceedings that meet IEEE quality reviews standards may be eligible for inclusion in the IEEE Xplore Digital Library. The IEEE reverses 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.

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IMPORTANT DATES

Regular/special paper submission:
Manuscript submission: ~~May 10, 2021~~; ~~June 10, 2021~~; July 10, 2021
Notification of acceptance: ~~July 01, 2021~~; ~~July 20, 2021~~; August 10, 2021
Camera-ready submission: ~~July 15, 2021~~; ~~July 30, 2021~~; August 25, 2021
Proposal submission:
Special Sessions: ~~April 30, 2021~~; June 10, 2021