

# ATC 2024

17 - 19, October, 2024 - Ho Chi Minh City, Vietnam

Hosted by PTIT

ORGANIZED BY



## CALL FOR PAPERS

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 2024, the ATC conference will be held in Ho Chi Minh city, Vietnam during October 17-19 and hosted by Posts and Telecommunications Institute of Technology. The conference will feature prominent invited speakers as well as papers by top researchers from all over the world.

### 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

### 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

### NETWORKS TRACK

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

### ELECTRONICS TRACK

- Internet of Things and Sensors
- Embedded Systems
- Automation, Robotics and Control
- Consumer and Automotive Electronics
- Smart Electronic Systems

### 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
- Telemedicine and E-hospital
- Biomechanics

### MICROWAVE ENGINEERING TRACK

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

### ANTENNAS AND PROPAGATION TRACK

- Antenna Systems
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- Electromagnetic Scattering, Channel Measurement and Propagation
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### IMPORTANT DATES

- Manuscript submission: April 30, 2024
- Notification acceptance: July 30, 2024
- Camera-ready submission August 30, 2024

### SUBMISSION & 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 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.

Paper submission on EDAS: <https://edas.info/N31980>