

ATC2025

16 - 18, October, 2025 - Hanoi City, Vietnam**Hosted by HaUI****ORGANIZED BY****IEEE ComSoc™**
IEEE Communications Society

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 2025, the ATC conference will be held in Hanoi City, Vietnam during October 16-18 and hosted by Hanoi University of Industry. 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

- 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

IMPORTANT DATES

- Manuscript submission:
~~May 30, 2025~~; Jun 30, 2025
- Notification acceptance:
July 30, 2025
- Camera-ready submission:
August 15, 2025

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.