

SCIENTIFIC CONFERENCE

“NEW TECHNOLOGY AND APPLICATIONS IN THE FIELD OF ELECTRICITY-ELECTRONICS-AUTOMATION”

May 3, 2025

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In order to support national growth and construction, the Scientific Conference “New technology and Applications in the field of Electricity - Electronics - Automation” seeks to advance the development of these technologies. The Faculty of Electrical - Electronic Engineering will organize a conference, scheduled for May 3, 2025, at the University of Transport and Communications, No. 3, Cau Giay Street, Hanoi. Accepted articles will be published in the Conference proceedings, then selected for publication in the the ISSN - indexed Transport and Communications Science Journal with a maximum of 1.25 point from the State Council for Professor of Viet Nam.

CONFERENCE TITLE:

NEW TECHNOLOGY AND APPLICATIONS IN THE FIELD OF ELECTRICITY-ELECTRONICS-AUTOMATION

TOPICS OF INTEREST TO SUBMIT INCLUDE, BUT ARE NOT LIMITED TO:

Electric Transportation: Electric Trains, Autonomous and Dual-Mode Vehicles, Modeling, Simulation and Design Methods for Railway Electrical Systems, Aircraft Electrical Systems, Marine Electrical Systems, Road Vehicle Electrical Systems.

Semiconductor Chip Industry: Advanced Semiconductor Manufacturing, Semiconductor Device Technology, Semiconductors for AI and Machine Learning, Global Manufacturing and Supply Chain Challenges, Semiconductor Packaging and Testing, Emerging Semiconductor Applications.

Green Technology, Industry 4.0, and Digital Society: Renewable Energy; Energy Efficiency; Real-Time Analytics and Big Data; Machine Learning and Artificial Intelligence; Internet of Things (IoT); Robotics, and Automation in Industrial Processes; High Speed Digital Communication Networks, Smart Cities and Smart Buildings; Information Security and Safety; Information and Signaling for High-Speed Rail and Urban Rail.

SUBMISSION PROCEDURE:

Written in either Vietnamese or English and formatted according to the Conference format, the article is a scientific work that announces fresh, unpublished research and application results. Please send the complete manuscript electronically by WORD and PDF to khcn.ddt@utc.edu.vn until March 15, 2024, using the article writing format found at www.feee.utc.edu.vn. The Conference Proceedings will contain the approved articles. The Scientific Committee will select which articles from the Proceedings should be published in the Transport and Communications Science Journal.

PROPOSAL FOR SPECIAL REPORT SESSION:

The Conference encourages proposals for opening sessions on specific topics from organizations or individuals researching and training related to the field of New Technology of Electricity - Electronics - Automation. These proposals should be sent to the Scientific Committee.

ADVERTISING AND EXHIBITION:

Organizations and individuals who need to advertise, exhibit and introduce products and services at the Conference and in the Conference's publications, please contact the Organizing Committee directly.

CONFERENCE SPONSORSHIP:

To ensure the success of the Conference, the Organizing Committee strongly encourages businesses and individuals to sponsor and provide financial or service assistance. Please get in touch with the organizing committee for any form of sponsorship or assistance. At the conference, all sponsorships will be registered and made public.

For more information, please contact the Organizing Committee:

University of Transport, No. 3, Cau Giay Street, Hanoi, Vietnam.

Tel: 090 322 9702/098 234 1176. E-mail: khcn.ddt@utc.edu.vn

TIMELINE:

Submit full paper	15/03/2025
Notification of acceptance	15/04/2025
Submit completed paper	25/04/2025
Conference	03/05/2025