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Hà Nội, ngày 12 tháng 3 năm 2025

THÔNG BÁO SỐ 1

Về việc mời viết bài và tham dự Hội thảo khoa học quốc tế
“2025 IEEE Asia Meeting on Environment and Electrical Engineering -
The Future of Electrical Engineering: Trends & Innovations” (EEE-AM 2025)

Tiếp nối sự thành công của Hội thảo EEE-AM 2023, năm 2025 Trường Đại học Điện lực cùng với GS. TSKH. Trần Quốc Tuấn (Giáo sư Đại học INSTN, Đại học Paris Saclay, Cộng hòa Pháp; Giám đốc nghiên cứu & Fellow scientist, CEA, Giáo sư danh dự Trường Đại học Điện lực), các Hiệp hội Kỹ sư Điện và Điện tử Hoa Kỳ (IEEE, IEEE IAS, IEEE Power & Energy Society, IEEE Vietnam Section) phối hợp với Tập đoàn Điện lực Việt Nam (EVN), Trung tâm Đổi mới sáng tạo Quốc gia (NIC), Viện Khoa học Công nghệ Năng lượng và Môi trường – Viện Hàn lâm KH&CN Việt Nam (ISTEE), Trường Đại học Khoa học và Công nghệ Hà Nội (USTH) đăng cai tổ chức Hội thảo EEE-AM 2025 với thông tin như sau:

1. **Tên Hội thảo:** “2025 IEEE Asia Meeting on Environment and Electrical Engineering-The Future of Electrical Engineering: Trends & Innovations” (EEE-AM 2025)

2. **Các chủ đề chính:** Nguồn và hệ thống lưu trữ; Hệ thống điện và Lưới điện thông minh; Trí tuệ nhân tạo và chuyển đổi số; Môi trường thông minh; Điện tử, mạch điện, cảm biến và thiết bị truyền động; Vật liệu cho chuyển dịch bền vững; Điện tử công suất và chất lượng điện năng; Quản lý năng lượng, điều độ và thị trường điện; Giao thông xanh; An toàn và chẩn đoán; Đo lường; Đổi mới, chính sách, giáo dục và các tiêu chuẩn; Năng lượng hạt nhân...

3. **Thời gian nhận bài:** từ 01/5/2025 đến hết ngày 31/7/2025.

4. **Thời gian tổ chức Hội thảo:** dự kiến từ ngày 05 – 07/11/2025.

5. **Địa điểm:** Thành phố Hà Nội.

Kỷ yếu Hội thảo sẽ được đăng tải trên IEEE Explore - hệ thống thư viện điện tử nằm trong danh mục Scopus có uy tín cao, được tham khảo, trích dẫn nhiều trong các nghiên cứu thuộc lĩnh vực Điện, Điện tử. Thông tin chi tiết về Hội thảo, thể lệ trình bày và gửi bài được đăng tải trên website https://ieee_eeeam.epu.edu.vn và <https://eeeam.net>.

Trường Đại học Điện lực trân trọng kính mời các nhà nghiên cứu, nhà khoa học, cán bộ quản lý, chuyên gia, giảng viên và các cá nhân quan tâm gửi bài tham gia Hội thảo.

6. Thông tin liên hệ:

- Chương trình hội thảo: PGS. TS. Trần Thanh Sơn, Trưởng khoa Kỹ thuật điện, email: sonnt@epu.edu.vn, số điện thoại: 0984 872 994.

- Thủ tục hành chính: TS. Chu Việt Thức, Phó trưởng phòng QLKH&HTQT, email: thuccv@epu.edu.vn, số điện thoại: 0969 056 681.

Nơi nhận:

- Các Trường, Viện NC;
- Các nhà khoa học;
- Các PHT (để chỉ đạo th/h);
- BBT website;
- Lưu: VT, QLKH&HTQT, AnLTQ (100).

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EEE-AM 2025

2025 IEEE Asia Meeting on Environment and Electrical Engineering “THE FUTURE OF ELECTRICAL ENGINEERING: TRENDS AND INNOVATIONS”

Hanoi - VIETNAM

From 5th to 7th November 2025

IEEE Conference Record Number #66675

Website: https://iee_eeeam.epu.edu.vn/index.html and <https://eeeam.net>

Welcome to EEE-AM 2025

The second Asia Meeting on Environment and Electrical Engineering (EEE-AM 2025) will focus on the overall theme of “The Future of Electrical Engineering: Trends and Innovations” which will drive and accelerate progresses in providing innovative solutions for future fossil-free economies.

The conference will serve as a meeting place for manufacturing industries, power utilities, authorities and academia to exchange ideas and developments within Electrical Engineering as well as to enhance their collaborations to jointly address complex challenges in delivering sustainable future energy systems. This conference will be a full face-to-face one.

EEE-AM 2025 is technically co-sponsored by IEEE and fully sponsored by IEEE IAS, IEEE PES. Accepted and presented papers are submitted to IEEE Xplore, and will also be submitted for indexing through INSPEC®, EI’s engineering information index, COMPENDEX®, and ISI Thomson’s scientific and technical proceedings®, ISTEP®/ISI proceedings. The Conference proceedings are also indexed by Scopus.

IMPORTANT DATES

Regular Papers

May 1st to July 31th, 2025

September 1st, 2025

September 30th, 2025

FULL PAPER Preliminary Submission

FULL PAPER Acceptance Notification

Final FULL PAPER Submission

Special Sessions

SESSION Proposal: April 15th, 2025

SESSION Acceptance Notification: June 30st, 2025

Registrations

Early-bird registration: Before Oct. 10th, 2025

Standard registration: From Oct. 10th, 2025

Topic List:

01 SOURCES AND STORAGE

- + Solar, hydro, and wind energy
- + Photovoltaic cell technology
- + Biomass and biofuels
- + Hydrogen
- + Battery, supercapacitors, flywheel
- + Innovative devices for energy storage
- + High-performance cogeneration
- + Renewable sources within microgrids

02 POWER SYSTEMS AND SMART GRIDS

- + Advanced solutions for grid flexibility

05 CIRCUITS, SENSORS AND ACTUATORS

- + Systems theory and modelling
- + Nonlinear circuits and systems
- + Solutions for EMI reduction and EMC
- + Signal processing and identification
- + Sensors and actuators
- + Smart circuits

06 MATERIALS FOR THE SUSTAINABLE TRANSITION

- + Materials for energy
- + Novel materials for energy harvesting

10 SAFETY AND DIAGNOSTIC

- + Grounding
- + Lightning protection systems
- + Hazard - Electric shock, arc flash, fire and explosion
- + Safety-oriented designs, work practices and procedures
- + Maintenance and operation practices
- + On line real time equipment diagnostic

11 MEASUREMENTS

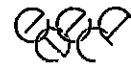
- + Environmental and electrical measurements



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- + RAM (reliability, availability, maintainability)
- + Distributed control
- + Demand side management, load forecasting
- + Energy efficiency, conservation and savings
- + Supervisory control and data acquisition systems
- + Users aggregation and virtual power plant
- + Electro Magnetic Transient (EMT) models and real-time digital simulations

03 ARTIFICIAL INTELLIGENCE AND DIGITALIZATION

- + Generative AI applications in power systems
- + Cyber-physical energy and multi energy systems
- + Digital Twin
- + ICT for power systems, interoperability, cybersecurity
- + Data processing for AI applications

04 SMART ENVIRONMENTS

- + Smart homes, cities, communities
- + Home and building automation
- + Nearly zero energy buildings
- + Information, security and privacy
- + Lighting systems and components

- + Nanotechnology for renewable energy
- + Applications of NEMS, MEMS for energy
- + Water Desalination

07 POWER ELECTRONICS AND IMPACT ON POWER QUALITY

- + Semi-conductor; SiC, GaN
- + Converters and components
- + HVDC, MVDC, LVDC
- + Control: GFM, GFL
- + Power quality
- + Harmonic and interharmonic distortion

08 REGULATION AND ELECTRICITY MARKETS

- + Utility deregulation
- + Regulatory issues and delivery standards
- + Dispatching in power systems
- + Generation and transmission expansion
- + Distributed generation and distribution system

09 GREEN MOBILITY

- + Sustainable transport systems
- + Battery, H₂, fuel-cell
- + Power electronics for green mobility
- + Smart charging, fast charging, DC charging

- + Complex or smart measurement architectures
- + Advanced instrumentation and data acquisition systems
- + Signal and image processing
- + Data management

12 INNOVATION, POLICY, EDUCATION AND STANDARDS

- + Innovation, Start-up, intellectual property
- + Policy
- + Energy regulation
- + Training and education
- + Standards

13 NUCLEAR ENERGY

- + Existing technologies and development
- + Generation IV reactors and nuclear fusion
- + Existing technologies and development
- + Small and Modular Reactors
- + Roles of nuclear in energy systems
- + Radioactivity protection and safety
- + Work force for nuclear energy industry
- + Policies, regulatory and training

SUBMISSION PROCEDURE

Authors are invited to submit original papers in the areas aforementioned. Prospective authors should submit their Full Paper (4/6 pages, 2-column in IEEE format) by July 31, 2025.

The papers should clearly explain the originality and the relevance to the fields and should be uploaded in electronic format to the website of the conference. The guidelines to upload will appear on the website <https://www.eecam.net/EEE-AM/> and <https://ieeceeam.epu.edu.vn/index.html>.

All submitted abstracts will be evaluated by a peer review process. Authors whose papers are accepted for presentation will be requested to provide the final full paper by September 30, 2025 combined with a registration for each submitted paper. For authors from industry typical paper length may be reduced to 3 pages. Poster sessions and special sessions will stimulate more in depth discussions on some specific and relevant topics.

CALL FOR SPECIAL SESSIONS: Prospective organizers of special sessions should send their proposals via email to the Special Sessions Chairs, Gaetano Zizzo, at the addresses gaetano.zizzo@unipa.it. Special sessions are scheduled for one-quarter day (at most 5 speakers) / one-half day (at most 10 speakers) and are held during the Conference. All special session papers are peer-reviewed through the same process as all the other submitted technical papers.

WORKING LANGUAGE: The working language of the Conference is English, which will be used for all printed material, presentations, posters and discussions.



CONFERENCE VENUE: The conference will be held at Vietnam National Innovation Center (NIC), Hoa Lac Hi-tech Park, Tân Xá, Thạch Thất, Hanoi, Vietnam

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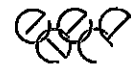
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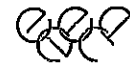
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CONTACTS

Details on the technical program of the Conference, as well as social events and hotel accommodation, available shortly on the conference website <https://ieeeteeam.epu.edu.vn/index.html> or <https://teeam.net>.

For any query, please do not hesitate to contact the Organising Committee at the following email address: info@teeic.net or qlkh@epu.edu.vn (for organizing questions) or pc@teeic.net