

IFEEC 2025

IEEE International Future Energy Electronics Conference

On-Site Meeting

Bali, Indonesia | November 19-21, 2025



The IEEE International Future Energy Electronics Conference, IFEEC 2025 as a biannual event, continues its traditions to bring together academicians, students, researchers and practicing engineers from all over the world to present emerging topics on electronic technologies for future energy applications.

Call for Papers

IMPORTANT DATES

June 19, 2025

Submission Deadline

July 19, 2025

Notification of acceptance

October 19, 2025

Camera Ready

Accepted and presented paper will be submitted for possible inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Best Papers Awards will be granted at the Conference.

Papers of practical importance are solicited in the following areas:

1. Power Conversion Technologies

- 1.1 AC-DC Converters
- 1.2 DC-DC Converters
- 1.3 Wireless Power Transfer
- 1.4 Multi-level Converters

- 1.5 Power Electronics for Utility Interface
- 1.6 Energy Harvesting
- 1.7 Advanced Control for Power Converters

2. Renewable Energy and Applications

- 2.1 PV Systems
- 2.2 Wind Power Systems
- 2.3 Hydro and Ocean Power Generations

- 2.4 Distributed Energy Systems
- 2.5 Fuel Cell Technologies

3. Transportation Electrification

- 3.1 Electric and Hybrid Electric Vehicles
- 3.2 Power Electronics for Aircrafts
- 3.3 Electrified Ships

- 3.4 On-Board Chargers
- 3.5 V2G Applications
- 3.6 Peripherals/Supports

4. Motor Drives

- 4.1 Electric Machines
- 4.2 AC and DC Motor Drives
- 4.3 Sensor and Sensor-less Control

- 4.4 Modeling and Control
- 4.5 Drive-Integrated Motors

5. Devices and Components

- 5.1 Power Module and Package
- 5.2 GaN Devices and Applications
- 5.3 SiC Devices and Applications

- 5.4 Magnetic Materials and Components
- 5.5 Passive Components
- 5.6 Power ICS

6. Smart-Grid Technologies

- 6.1 Green Energy and Smart Grid for Buildings
- 6.2 DC and Micro-grids
- 6.3 Solid-State Transformers

- 6.4 Power Generation, Transmission and Distribution
- 6.5 Energy Storage Systems and Applications
- 6.6 Advanced Metering

7. Emerging Power Electronics Technologies

- 7.1 Portable Power
- 7.2 Power Electronics for Biomedical Applications

- 7.3 Advanced Lighting and Display Technologies
- 7.4 Others

Paper submission: Prospective authors are invited to submit original full paper of 4 to 6 pages in the A4 standard IEEE Xplore double-column format (including tables, figures and references). The full-paper review process is double-blind, and authors must take all reasonable steps to conceal their identity in a submitted paper. Submissions will be rejected without review if they are over the six-page limit, or if they fail to conform with the formatting guidelines in other ways (such as the use of too-small fonts, including in graphs and figures), or if they are not anonymous, or if they cannot be processed by similarity checking, or if the scores of their similarity to other articles is reported over 30%, or if they are incomplete. The submitted full-paper must not be currently under review in any other conference or journal and has not been previously published. All papers submitted to the IFEEC must be written in English and formatted.