

AEIT International 2025 Annual Conference

117th edition



Amantea - CS • Italy • 10/12 • September 2025

Organised by



Overview

Clean Electrification and Digitalization are driving forces which will shape the world. New technologies and knowledge are needed to make the world more livable and safe.

AEIT2025 International Annual Conference aims to address the main scientific and technological challenges needed today both to decarbonize the environment and to guarantee the security of energy supplies for our communities. These themes will in fact be the main themes of the conference.

AEIT2025 is an international forum dedicated to the dissemination of new ideas, research and work in progress in the sectors of integration of renewable energy, generation, transmission and distribution of energy, power systems, power electronics, automation and ICT applications. The objectives of the conference are high quality research and professional involvement between industry and academia for the advancement of science, technology and education.

The event can also be an occasion for fruitful discussions on energy plans to be developed in conditions of uncertainty in a complex world.

AEIT2025 is in its 117th edition: speakers and participants will be connected all over the world. The main features of the conference include Invited Talks, Regular Sessions, Special Sessions.

Submission of Papers

The working language of regular sessions is English. Please submit the full paper (six pages) as a PDF following the IEEE layout requirements by using the templates given at the conference web page: <https://convegni.aeit.it/AEIT2025> via EDAS (<https://2025aeit.edas.info/>). The full paper should contain a complete description of the proposed technical contribution and some results, suitably framed in the related state of the art. Each paper will be reviewed in terms of relevance concerning the scope of the event, originality and quality of the technical content, overall organisation and writing style. Conference content will be submitted for inclusion into IEEE Xplore and other Abstracting and Indexing (A&I) databases.

Topics of interest include but are not limited to:

- **Ancillary services markets: new prospective toward integrated market**
- **Artificial Intelligence in the Power System**
- **Bioengineering & Healthcare**
- **Broadband Communications and Telecommunications Services**
- **Cloud and Hybrid Systems**
- **Cyber-Security and Physical Systems**
- **Electrical Machines & Drives**
- **Electrification of final uses of energy**
- **Electromagnetic Models & Simulations**
- **Energy Communities and Smart Cities**
- **Energy Efficiency**
- **Energy markets**
- **Energy Storage, Demand Response and Flexibility Products**
- **Energy Transition**
- **Innovative operation of transmission and distribution systems**
- **Integrated or coordinated planning and development of energy systems**
- **Internet of Things, Smart Sensors**
- **Power Electronics**
- **Power System Analysis and Control**
- **Power to X and multi-carrier energy systems**
- **Regulation and Legislation in the Energy and Digital Sectors**
- **Renewable Energy Sources**
- **Service Continuity and Safety Management**
- **Sustainability**
- **Sustainable mobility (automotive, electric mobility, public transportation, etc.)**

Special Sessions

The conference will include Special Sessions on highly specialised topics, reporting technical trends and breakthroughs within the scope of the conference.

Deadlines

- | | |
|--------------------------------|-------------------------|
| Paper submission | ■ 30 April, 2025 |
| Acceptance notification | ■ 15 June, 2025 |
| Final Paper Submission | ■ 15 July, 2025 |

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