

AEIT International 2026 Annual Conference

118th edition Roma ♦ Italy ♦ 8/10 September 2026
Sapienza ♦ University of Rome



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.

AEIT2026 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.

AEIT2026 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.

AEIT2026 is in its 118th 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/AEIT2026> via EDAS (<https://2026aeit.edas.info/>). Authors who intend to submit a paper must first register the title of the contribution and the name of authors in EDAS. 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. Selected papers from this Conference may be eligible for review by IEEE-Industry Applications Society for possible publication in IEEE Transactions on Industry Applications or IEEE Industry Applications Magazine. The Conference Organizers will make the selection and submit a list of papers to IEEE-IAS, and will notify authors of their selection after the close of the Conference. Questions on this selection should be addressed to the Conference Organizers. IEEE-IAS will then contact the authors of papers selected for consideration with information on how they may be submitted for review. Further information on IEEE-IAS publications, and the obligations of authors, can be found in the Information for Authors on the IEEE-IAS web site, <https://ias.ieee.org/publications/>

Topics of interest include but are not limited to:

- ◆ Ancillary services markets: new prospective toward integrated market
- ◆ Artificial Intelligence, Data & Computing
- ◆ Artificial Intelligence in the Power System
- ◆ Bioengineering & Healthcare
- ◆ Biologic effects from EM
- ◆ 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
- ◆ Non-Terrestrial, Satellite and Space Communications
- ◆ Power Electronics
- ◆ Power System Analysis and Control
- ◆ Power to X and multi-carrier energy systems
- ◆ Quantum & Photonic Technologies
- ◆ Regulation and Legislation in the Energy and Digital Sectors
- ◆ Renewable Energy Sources
- ◆ Security & Privacy
- ◆ Service Continuity and Safety Management
- ◆ Sustainability
- ◆ Sustainable mobility (automotive, electric mobility, public transportation, etc.)
- ◆ Underwater communications and networks
- ◆ Unmanned Aerial Vehicles
- ◆ Vehicle networks
- ◆ Wireless & Mobile Communication Systems

Special Sessions

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

Deadlines

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|-------------------------|-----------------|
| Paper submission | ◆ 10 June, 2026 |
| Acceptance notification | ◆ 10 July, 2026 |
| Final Paper Submission | ◆ 31 July, 2026 |

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Venue

Sapienza University of Rome
Faculty of Engineering
Via Eudossiana 18 ♦ Rome, Italy

Secretariat:

AEIT Ufficio Centrale ♦ Via M. Macchi 32 - Milano
mail: convegnoannuale@aeit.it
web site: <https://convegni.aeit.it/AEIT2026>