

Renewable Energy Grid Integration Week

E-MOBILITY | HYDROGEN | WIND & SOLAR | STORAGE

organized by **energynautics**



28 SEP-02 OCT '26

PORTO
PORTUGAL



integrationworkshops.org



CALL FOR PAPERS:
Submit your abstract until 20 April 2026



▶ ABOUT THE EVENT

The Renewable Energy Grid Integration Week is a conference series that takes place in a different location each year, highlighting the region's particular grid integration issues in keynotes and presentations throughout the week. It comprises two high-quality conferences on the grid integration of renewable energies within one week and attracts participants from all over the world.

10th E-Mobility Power System Integration Symposium | 28 - 29 Sep 2026

25th Wind & Solar Integration Workshop | 29 Sep - 02 Oct 2026

Where Industry and Academia Meet

These conferences bring together professionals from across the energy sector and researchers at the forefront of innovation. TSOs and DSOs, equipment manufacturers—from wind turbines to electrolyzers and EV charging infrastructure—as well as universities, research institutes, and consulting companies meet here to discuss emerging technologies, operational challenges, and economic trends.

The event series offers a unique platform for practitioners and academics to collaborate, share real-world project results, and jointly advance the next generation of renewable-based power systems.

▶ PRELIMINARY SCHEDULE, SUBJECT TO CHANGE

Mon, 28 Sep	Tue, 29 Sep	Wed, 30 Sep	Thu, 01 Oct	Fri, 02 Oct
13:00 E-Mobility Symposium Day 1 19:00	08:30 E-Mobility Symposium Day 2 14:00	08:30 Wind & Solar Workshop Day 2 19:00	08:30 Wind & Solar Workshop Day 3 18:30	09:00 Wind & Solar Workshop Day 4 14:30
19:00 Networking Event / 21:00 Poster Reception	14:00 Wind & Solar Workshop Day 1 19:00	19:00 Networking Dinner Event 21:00	18:30 Networking Event 20:30	
	19:00 Networking Event / 21:00 Poster Reception			



10TH E-MOBILITY POWER SYSTEM INTEGRATION SYMPOSIUM

Grid Integration and Power System Aspects

- » Project Experience with EV Grid Integration
- » Grid Forming Aspects and Experience
- » Power System Aspects with high shares of EVs
- » Distribution Grid Issues
- » Grid Integration Modelling Aspects
- » Grid Code Issues and Future Aspects
- » AI and Machine Learning for Grid Integration
- » Operational Resilience in Face of Cyber-attacks

Electrification of Transport and Urban Mobility

- » Electrification of Urban Mobility
- » E-Transport (E-Trucks, E-Buses, E-Marine, Shore Power)

Charging Infrastructure and Technology

- » Charging Infrastructure Planning + Smart Charging
- » High Power Charging
- » Charging Methods (AC, DC, Wireless) + Standardization of Charging Modes/Communication
- » Vehicle to Grid incl. Ancillary Service Participation
- » Communication and Security Aspects

Decarbonization and Energy Transition

- » Decarbonization of Energy Sectors
- » Decarbonization of Transport with Green Hydrogen
- » E-Mobility and Renewable Energy Integration

Market, Regulation, and Policy

- » Market and Regulatory Aspects
- » Mobility as a Service



25TH WIND & SOLAR INTEGRATION WORKSHOP

General Topics

- » System Stability and Security of Energy Supply
- » Power System Modeling and Grid Operations
- » Smart Grids, Automation, and Cybersecurity
- » Ancillary Services and Forecasting
- » Power-to-X Technologies and Sector Integration
- » Decarbonization and Industrial Applications
- » Regulatory Framework and Market Dynamics
- » Grid Codes and Emerging Issues
- » Challenges in Weak Grids and Emerging Markets

Topic groups related to Wind Power

- » Grid Integration of Wind Power Plants
- » Offshore Wind Power Systems
- » Wind Power System Studies and Modelling
- » Hybrid Power Systems with Wind Energy

Topic groups related to Solar Power/PV

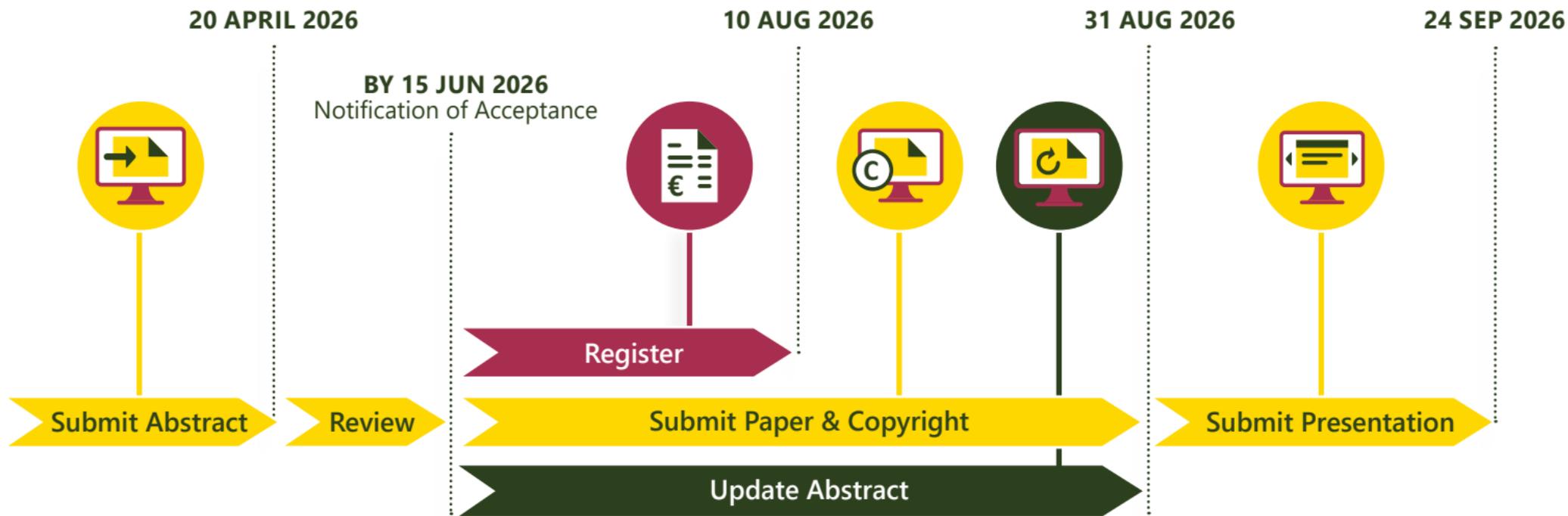
- » Grid Integration of Solar PV and Battery Systems
- » Modelling and Operational Strategies for PV and Storage Systems

- » Digitalization, Forecasting, and Smart Grid Solutions
- » Energy Market, Policy, and Sector Coupling
- » Hybrid Power Systems with PV

Topic groups related to Hydrogen

- » Hydrogen for Power System Stability and Balancing
- » Modelling and Simulation of Hydrogen Systems
- » Renewable Hydrogen Technologies and Applications
- » Energy System Management and Hydrogen Integration
- » Hydrogen Market Dynamics and Regulations

SUBMISSION & REGISTRATION DEADLINES FOR SPEAKERS & POSTER PRESENTERS



▶ SHARE YOUR WORK AND JOIN THE COMMUNITY

Present your paper and become an active part of the Renewable Energy Grid Integration Week 2026 community. Presenting at the conference gives you the opportunity to showcase your research, practical project results, or innovative solutions to an international audience of experts from industry and academia.

To participate as a presenter, please **submit a short abstract (max. 3,000 characters, free-style) by 20 April 2026.**

Final papers are due by **31 August 2026.**

The conference language is English.

Presenters benefit from **reduced registration fees**, while all participants are responsible for their own travel and accommodation.

For detailed submission guidelines and deadlines, please visit:

integrationworkshops.org 

▶ PAPERS WILL BE PUBLISHED ON THE IET DIGITAL LIBRARY AND IEEE XPLORE

The papers chosen for presentation at the Renewable Energy Grid Integration Week will be published on the IET Digital Library and IEEE Xplore and submitted for indexing in IET Inspec, Ei Compendex and Scopus.



▶ SELECTION OF BEST PAPERS

Similar to previous years, the best papers of the Renewable Energy Grid Integration Week 2026 will have the chance to be published in an IET special virtual collection „Selected Papers from the Wind & Solar Workshop and the E-Mobility Symposium“.

▶ UPDATES VIA E-MAIL

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We will provide information on:

- » Call for papers, incl. topics & deadlines
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▶ CONTACT

For suggestions including topics and sponsoring, feel free to talk to Dr. Thomas Ackermann, the main workshop organizer, directly:

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