

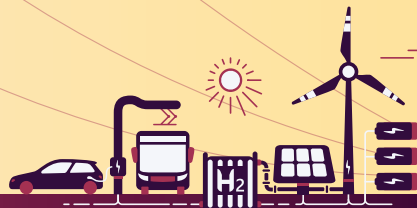
# Renewable Energy Grid Integration Week

E-MOBILITY | HYDROGEN | WIND & SOLAR | STORAGE

organized by **energynautics**

06-10 OCT '25

BERLIN  
GERMANY



[integrationworkshops.org](https://integrationworkshops.org)



**CALL FOR PAPERS:**  
Submit your abstract until 19 May 2025



# RENEWABLE ENERGY GRID INTEGRATION WEEK

## ▶ ABOUT THE EVENT

The Renewable Energy Grid Integration Week comprises two high-quality conferences on grid integration of renewable energies in one week and attracts participants from all over the world.

9<sup>th</sup> E-Mobility Power System Integration Symposium | 06 - 07 Oct 2024

24<sup>th</sup> Wind & Solar Integration Workshop | 07 -10 Oct 2024

The conference series takes place in a different location each year highlighting that region's particular grid integration issues in keynotes and presentations throughout the week.

### Target Audience

The conferences are designed to provide a platform for TSOs, DSOs, wind turbine, gas turbine and solar inverter manufacturers, electrolyzer and fuel cells as well as charging station manufacturers, universities and research institutes, and consulting companies to exchange technical and economic developments.

## ▶ PRELIMINARY SCHEDULE, SUBJECT TO CHANGE

**Mon,  
6 Oct**

13:00 E-Mobility  
19:00 Symposium Day 1

19:00 Networking Event /  
21:00 Poster Reception

**Tue,  
7 Oct**

08:30 E-Mobility  
14:00 Symposium Day 2

14:00 Wind & Solar  
19:00 Workshop Day 1

19:00 Networking Event /  
21:00 Poster Reception

**Wed,  
8 Oct**

08:30 Wind & Solar  
19:00 Workshop Day 2

19:00 Networking Dinner  
21:00 Event

**Thu,  
9 Oct**

08:30 Wind & Solar  
18:30 Workshop Day 3

18:30 Networking Event  
20:30 Energynautics Lounge

**Fri,  
10 Oct**

09:00 Wind & Solar  
14:30 Workshop Day 4



## 9<sup>TH</sup> 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

### 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



## 24<sup>TH</sup> 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

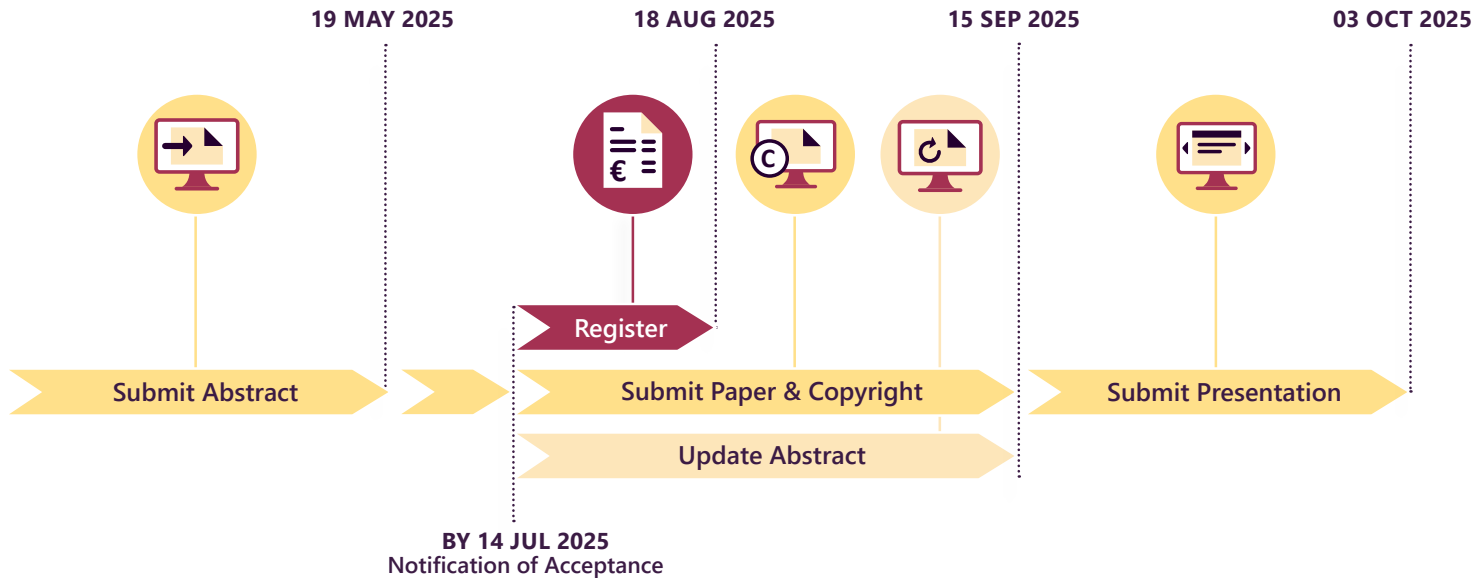
- » Grid Integration of Solar PV and Battery Systems
- » Modelling and Operational Strategies for PV and Storage Systems

- » 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



## ► PRESENTATION OF PAPERS

If you would like to present a paper at the **Renewable Energy Grid Integration Week 2025**, a short abstract (max. 3,000 characters, free-style) has to be submitted first **until 19 May 2025**.

For more detailed information, please visit:

[integrationworkshops.org](https://integrationworkshops.org)

Final papers must then be submitted by **15 September 2025**.

For more deadlines, please see the infographic inside.

- » The conference language is English.
- » Presenters will pay a reduced participation fee.
- » All participants are responsible for paying their own travel and hotel expenses.

## ► 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 2025 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

Don't miss any deadlines or updates on the symposium and the workshop! Stay tuned & subscribe for updates via e-mail.



### We will provide information on:

- » Call for papers, incl. topics & deadlines
- » Detailed program, incl. agenda, sessions & presentations
- » Fees & registration, incl. special discounts
- » Accompanying events, incl. dinner, tutorials & study trip

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[tiny.cc/emob-nl](https://tiny.cc/emob-nl)

Wind & Solar Newsletter:



[tiny.cc/wiso-nl](https://tiny.cc/wiso-nl)

## ► ORGANIZER

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solutions for sustainable development



## ► CONTACT

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

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[integrationworkshops.org](http://integrationworkshops.org)

