Renewable Energy Grid Integration Week

E-MOBILITY | WIND & SOLAR | HYDROGEN | STORAGE

28 SEP-02 OCT ´26
PORTO
PORTUGAL

organized by energy**nautics**

integrationworkshops.org

AGENDA RELEASED:
Register now for **discounts!**

Mon, 28 Sep

- 10:00 – 18:00 * ESIG Large Loads Workshop
- 13:00 – 15:00 *** Special Technical Seminar**: Frequency-Domain Stability Engineering for Converter-Based Power Systems
- 13:30 – 18:30 E-Mobility Symposium Day 1
- 14:00 – 18:30 *** Tutorial**: Grid Forming - Academic Approaches and Modelling Aspects
- 18:30 – 20:00 Networking Event / Poster Reception

Tue, 29 Sep

- 08:10 – 13:00 E-Mobility Symposium Day 2
- 08:30 – 13:00 *** Tutorial**: Artificial Intelligence in Power Systems
- 08:30 – 13:00 *** Tutorial**: Grid Forming - Industry Status and Expected Developments
- 14:00 – 17:00 * Study Trip to the i-charging Lab
- 14:00 – 18:45 Wind & Solar Workshop Day 1
- 18:45 – 20:15 Networking Event / Poster Reception

Wed, 30 Sep

- 08:45 – 18:30 Wind & Solar Workshop Day 2
- 18:45 – 22:30 * Networking Dinner Event

Thu, 01 Oct

- 09:00 – 18:30 Wind & Solar Workshop Day 3
- 18:30 – 20:00 Networking Event / Poster Reception

Fri, 02 Oct

- 08:45 – 13:50 Wind & Solar Workshop Day 4

10th E-Mobility Power System Integration Symposium

25th Wind & Solar Integration Workshop

* separately bookable

ℹ Times are preliminary and subject to change. Check website for actual times.

Accompanying Events

Beside the regular sessions, the week is filled with numerous separately bookable side events. **Great Opportunities for Networking!**

» ESIG Large Loads Workshop
Workshop on electric systems planning and reliable operations with large loads
Monday, 28 September 2026

» Special Technical Seminar
Frequency-Domain Stability Engineering for Converter-Based Power Systems
Monday, 28 September 2026

» Tutorial: Grid Forming - Academic Approaches and Modelling Aspects
Intermediate level tutorial
Monday, 28 September 2026

» Tutorial: Grid Forming - Industry Status and Expected Developments
Advanced level tutorial
Tuesday, 29 September 2026

» Tutorial: Artificial Intelligence in Power Systems
Introductory-to-intermediate level tutorial
Tuesday, 29 September 2026

» Study Trip to the i-charging Lab
Learn more about the company, its activities and ongoing developments
Tuesday, 29 September 2026

» Networking Event: Dinner
Use this opportunity to experience a fine meal at a unique location while networking with your peers
Wednesday, 30 September 2026

» Networking Event: Poster Sessions
Opportunity to discuss with poster presenters in a casual atmosphere
Monday, Tuesday & Thursday: 28, 29 September & 01 October 2026

INCLUDED

10th E-Mobility Power System Integration Symposium

- Distribution Grid Aspects
- Country Experience
- AI / Machine Learning for Grid Integration
- Charging Infrastructure Planning for Mega Watt
- Charging Aspects
- Modelling Aspects I + II
- Charging Infrastructure Planning in Distribution Grids
- V2G Aspects

25th Wind & Solar Integration Workshop

- Grid Forming Practical Experience
- Iberian Grid Aspects
- Grid Code Development
- Flexibility Options
- Grid Forming Wind Power Plants
- Distribution Grid Aspects
- Grid Code Aspects
- Extreme Weather Events
- Grid-Forming Capabilities
- HVDC
- Grid Code Testing
- Regulatory/Market Aspects
- Stability Aspects
- Transmission Planning
- Offshore Wind HVDC
- Task 19
- Power System Stability & Frequency-Domain Modelling
- Synchronous Condenser Applications
- Grid Codes Aspects for Wind Power Plants
- Electrolyzer System Modelling
- Hybrid Systems and Grid Forming
- Power Quality Aspects
- Blackstart with Wind Power Plants
- Hydrogen Aspects
- Certification According to German Grid Code
- Hybrid Power Plants
- Ancillary Services from Wind Power Plants
- Battery Storage Operation
- Grid Forming Modelling
- Power System Stability Needs Assessment Framework
- SIF Blade
- EU–Central Asia Research Partnerships
- Grid Forming Validation
- Oscillations
- Offshore Wind Connections
- Country Studies
- Power System Operational Aspects
- Statcom Aspects
- Grid Security, Congestion and Reserves
- Power System Forecasting
- EMT Modelling
- Grid Operation and System Services
- Island and Microgrids
- PV Forecasting

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ESIG

ENERGY SYSTEMS INTEGRATION GROUP

FGH

Renewables Grid Initiative

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Stay Tuned

Don't miss any deadlines or updates on the symposium and the workshop!

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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

Organizer

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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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