

Renewable Energy Grid Integration Week

E-MOBILITY | WIND & SOLAR

organized by energynautics

25–28 SEPT '23

COPENHAGEN
DENMARK



Call for
Papers
EXTENDED!

Late abstracts welcome!
submission@integrationworkshops.org

Call for Papers extended! Submit your abstract until 12 MAY 2023



370+
Participants



150+
Speakers



30+
Countries

▶ PROGRAM OVERVIEW



Monday, 25 September 2023

- » Symposium
- » Networking Reception



Tuesday, 26 September 2023

- » Workshop Day 1
- » Dinner

Wednesday, 27 September 2023

- » Workshop Day 2
- » Poster & Networking Reception

Thursday, 28 September 2023

- » Workshop Day 3

▶ 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.

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

Thus, the conferences are designed to provide a platform for power system operators, transmission and distribution grid operators, 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.

PROPOSED PREFERENTIAL TOPICS



► 7th E-MOBILITY POWER SYSTEM INTEGRATION SYMPOSIUM

- » Project Experience with EV Grid Integration
- » Grid Forming Aspects and Experience
- » Power System Aspects with high shares of EVs
- » Distribution Grid Issues
- » Market and Regulatory Aspects
- » Charging Infrastructure Planning & Smart Charging
- » High Power Charging
- » Vehicle to Grid incl. Ancillary Service Participation
- » Charging Methods & Standardization of Charging Modes / Communication
- » Communication and Security Aspects
- » Grid Integration Modelling Aspects
- » Grid Code Issues and Future Aspects

- » Decarbonization of Energy Sectors
- » Decarbonization of Transport with Green Hydrogen
- » Electrification of Urban Mobility
- » Mobility as a Service
- » AI and Machine Learning for Grid Integration
- » E-Mobility and Renewable Energy Integration

In-person participation in Copenhagen is mandatory for speakers and poster presenters presenting their work.

Expected participants:

120+ E-Mobility
250+ Wind & Solar



► 22nd WIND & SOLAR INTEGRATION WORKSHOP

- » Project Experience with Grid Integration of Wind Power / PV / Batteries
- » Grid Forming Aspects and Experience
- » Power System Studies
- » Distribution Grid Issues
- » Transmission Grid / Power System Issues
- » Power Quality Issues
- » Grid Code Issues and Future Aspects
- » Wind / Solar Power & Battery Modelling Issues
- » Power System Balancing Issues
- » Ancillary Services
- » Forecasting
- » Smart Grid / IT Innovations
- » Energy Market and Regulatory Issues
- » AI and Machine Learning for Grid Integration

- » Decarbonization of Energy Sectors
- » Hybrid Power Systems
- » Hybrid Power Plants
- » Battery Aspects (operation, modelling)
- » Sector Coupling Based on Wind / PV incl. Hydrogen

Hydrogen Topics

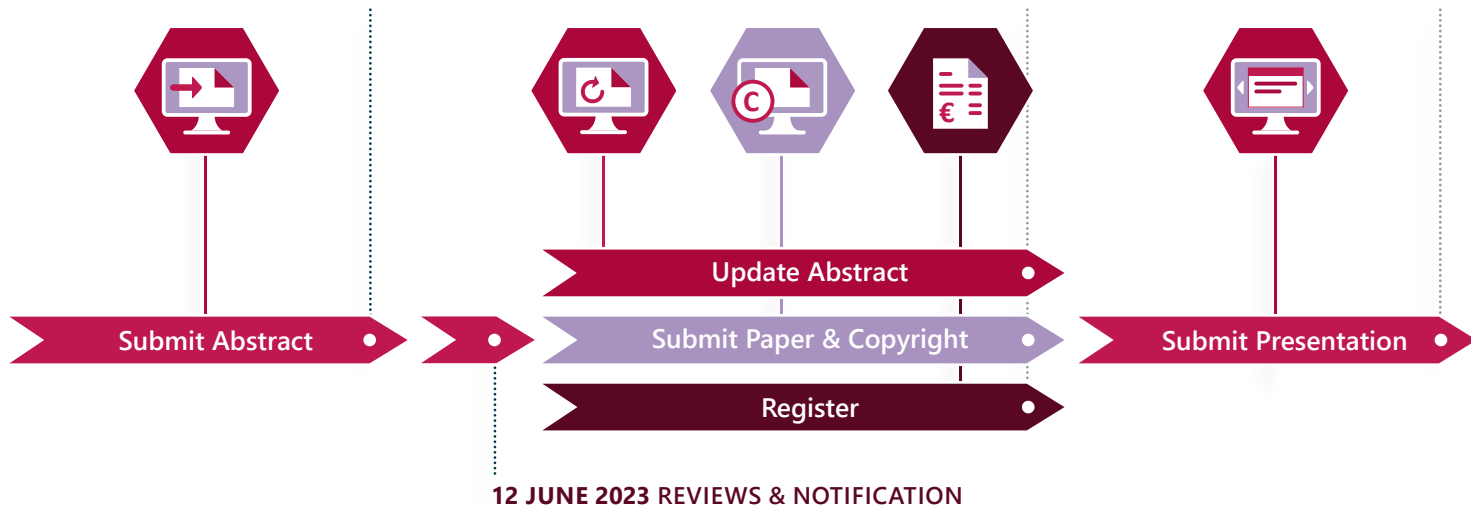
- » Fuel Cell Modelling / Fuel Cell Systems Modelling
- » Electrolyzer Modelling
- » Hydrogen Systems Modelling
- » Renewable Hydrogen Technologies & Applications
- » Decarbonizing the Industrial Processes
- » Energy System Management with Hydrogen

SUBMISSION & REGISTRATION DEADLINES FOR SPEAKERS & POSTER PRESENTERS

12 MAY 2023
(EXTENDED)

24 AUG 2023

24 SEPT 2023



► PRESENTATION OF PAPERS

If you would like to present a paper at the **Renewable Energy Grid Integration Week 2023**, a short abstract (max. 3,000 characters, freestyle) has to be submitted first **until 12 May 2023 (extended deadline)**.

For more detailed information, please visit:

www.mobilityintegrationsymposium.org

www.windintegrationworkshop.org

Final papers must then be submitted by **24 August 2023**.

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.

All Papers are published by IET in the Digital Proceedings. This includes a DOI, index on Inspec, submission for publication on iXplore and indexing in Ei Compendex.

► SELECTION OF BEST PAPERS



Similar to previous years, the IET is going to publish the best papers of the Renewable Energy Grid Integration Week in a Special Edition of the IET Journal Renewable Power Generation.

For the latest edition from December 2020, visit: www.tiny.cc/IET



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

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