Renewable Energy Grid Integration Week 2021

E-Mobility | Solar & Storage | Wind

Submit an **Abstract** until **01 May 2021**!

Remote Presenters Welcome!

500+ Participants
200+ Speakers
50+ Sessions
## Proposed Preferential Main Topics

### E-MOBILITY:
- 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
- Electrification of Urban Mobility
- Mobility as a Service
- AI and Machine Learning for Grid Integration
- E-Mobility and Renewable Energy Integration

### SOLAR & STORAGE:
- Project Experience with PV and Battery Grid Integration
- 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
- Solar Power and Battery Modelling Issues
- Power System Balancing Issues
- Ancillary Services with PV and Batteries
- Forecasting
- Hybrid Power Systems
- Smart Grid / IT Innovations
- Energy Market and Regulatory Issues
- Decarbonization of Energy Sectors
- AI and Machine Learning for Grid Integration
- Sector Coupling Based on PV incl. Hydrogen

### WIND:
- Project Experience with Grid Integration of Wind Power Plants
- 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 Power Modelling Issues
- Power System Balancing Issues
- Ancillary Services
- Forecasting
- Hybrid Power Systems
- Smart Grid / IT Innovations
- Energy Market and Regulatory Issues
- Decarbonization of Energy Sectors
- AI and Machine Learning for Grid Integration
- Sector Coupling Based on Wind Power incl. Hydrogen
Program Overview of the Renewable Energy Grid Integration Week

Monday
• E-Mobility Integration Symposium
• E-Mobility Poster Reception & Networking

Tuesday
• Solar & Storage Integration Workshop | Day 1
• Solar & Storage Poster Reception & Networking

Wednesday
• Solar & Storage Integration Workshop | Day 2
• Wind Integration Workshop | Day 1
• Solar & Wind Dinner

Thursday
• Wind Integration Workshop | Day 2
• Wind Poster Reception & Networking

Friday
• Wind Integration Workshop | Day 3

Submission & Registration Deadlines for Speakers & Poster Presenters

- 1 MAY 2021: Submit Abstract
- 23 JUN 2021: Notification of Acceptance
- 23 AUGUST 2021: Submit Paper & Copyright
- 21 SEPTEMBER 2021: Submit Presentation

Proposed Preferential Main Topics

E-MOBILITY:
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• Electrification of Urban Mobility
• Mobility as a Service
• AI and Machine Learning for Grid Integration
• E-Mobility and Renewable Energy Integration

SOLAR & STORAGE:
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• Power System Balancing Issues
• Ancillary Services with PV and Batteries
• Forecasting
• Hybrid Power Systems
• Smart Grid / IT Innovations
• Energy Market and Regulatory Issues
• Decarbonization of Energy Sectors
• AI and Machine Learning for Grid Integration
• Sector Coupling Based on PV incl. Hydrogen

WIND:
• Project Experience with Grid Integration of Wind Power Plants
• 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 Power Modelling Issues
• Power System Balancing Issues
• Ancillary Services
• Forecasting
• Hybrid Power Systems
• Smart Grid / IT Innovations
• Energy Market and Regulatory Issues
• Decarbonization of Energy Sectors
• AI and Machine Learning for Grid Integration
• Sector Coupling Based on Wind Power incl. Hydrogen
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- Solar & Storage Poster Reception & Networking

Wednesday
- Solar & Storage Integration Workshop | Day 2
- Wind Integration Workshop | Day 1
- Solar & Wind Dinner

Thursday
- Wind Integration Workshop | Day 2
- Wind Poster Reception & Networking

Friday
- Wind Integration Workshop | Day 3

Citation Index Systems

The digital workshop proceedings will have an ISBN and will be submitted to international libraries and organisations who operate citation index systems such as the FIZ – FachInformationsZentrum Karlsruhe, Elsevier, ETDE, Reuters, Compendex, ThomsonCitationIndex and EBSCO Information Services so that the proceedings are more easily available for academia and industry world-wide.
Presentation of Papers

If you would like to present a paper during the Renewable Energy Grid Integration Week 2021, please visit our website:

www.integrationworkshops.org

To submit a paper, upload an abstract of maximum 3,000 characters (free style) between 01 February and 01 May 2021. Final papers must then be submitted online by 23 August 2021. For more deadlines, please see the infographic inside.

- As the conference language is English, all abstracts have to be written in English.
- Speakers and poster presenters will pay a reduced participation fee.
- All participants are responsible for paying their own travel and hotel expenses.

Remote presentation possible for those who cannot be on location in September.

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 Renewable Power Generation Journal.

For the latest publication, from June 2020, visit: www.tiny.cc/IET
Updates via e-mail

Don’t miss any deadlines or updates on the symposium and the workshops! 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

Subscribe now!

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Solar & Storage: www.solarintegrationworkshop.org/newsletter
Wind: www.windintegrationworkshop.org/newsletter

Organizer

Energynautics GmbH
Robert-Bosch-Str. 7
64293 Darmstadt, Germany
Phone: +49 (0) 6151 - 785 81 00
www.energynautics.com

Contact

info@mobilityintegrationsymposium.org
info@solarintegrationworkshop.org
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For suggestions including topics and conference structure, feel free to talk to Dr. Thomas Ackermann, the main workshop organizer, directly.

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