

Best Papers 2019

Selected Wind Papers 2019 for “IET Special Issue”

The following papers of the 18th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants (Dublin, 2019) have been selected as the best papers and are now eligible for the manuscript submission process of the **IET Special Issue** (<https://digital-library.theiet.org/content/journals/iet-rpg/12/5>).

- **Practical Experience of Operating a Grid Forming Wind Park and its Response to System Events**
A. Roscoe, P. Brogan, D. Elliott, T. Knueppel, (Siemens Gamesa, United Kingdom), I. Gutierrez (Scottish Power Renewables, United Kingdom), J-C. Perez Campion (Iberdrola Renovables, Spain), R. Da Silva (Scottish Power Renewables, United Kingdom)
- **Development of Practical Allocation Method About Reactive Power Reference for Wind Farms Through Inner-Voltage Restriction**
S. Jung (Hanbat National University, Republic of South Korea), Y. Yoo, G. Jang (Korea University, Republic of South Korea)
- **Impact of Converter-Interfaced Generation to the Frequency Response of the European Power System**
R. Musca (University of Palermo, Italy), L. Busarello (NEPLAN AG, Switzerland)
- **Comparison of Selected Grid-Forming Converter Control Strategies for Use in Power Electronic Dominated Power Systems**
B. Weise, A. Korai, A. Constantin (DIgSILENT, Germany)
- **High-Frequency Resonance in HVDC and Wind Systems: Root Cause and Solutions**
J. Sun, I. Vieto (Rensselaer Polytechnic Institute, USA), E. Larsen (eLarsen Power System Consulting, USA), C. Buchhagen (TenneT Offshore, Germany)
- **Operating Experiences with High Penetrations of Variable Renewable Energy**
D. Lew (Debra Lew LLC, USA), D. Bartlett (Xcel Energy, USA), A. Groom (Australian Energy Market Operator, Australia), P. Jorgensen (Energinet, Denmark), J. O’Sullivan (EirGrid, Ireland), R. Quint (North American Electric Reliability Corporation, USA), B. Rew (Southwest Power Pool, USA), B. Rockwell (Kauai Island Utility Cooperative, USA), S. Sharma (Electric Reliability Council of Texas, USA)
- **Performance of Hybrid Power Park Technologies in Future OFTO Networks with the Aim to Achieve Grid-Forming Capability**
M. Yu, R. Ierna (National Grid ESO, United Kingdom), A. Dysko, A. Egea-Álvarez, A. Avras (University of Strathclyde, United Kingdom), C. Li, M. Horley (National Grid ESO, United Kingdom), C. Booth, H. Urdal (University of Strathclyde, United Kingdom)

Selected Solar Papers 2019 for “IET Special Issue”

The following papers of the 9th International Workshop on Integration of Solar Power & Storage into Power Systems (Dublin, 2019) have been selected as the best papers and are now eligible for the manuscript submission process of the IET Special Issue:

- **The Value of a New East-West Facing Single Axis PV Tracker Setup**

P. Nørgaard, P. Behrendorff Poulsen, N. Riedel (Technical University of Denmark, Denmark), J. Vedde (European Energy, Denmark)

- **Implementation of Utility Scale Hybrids – Experience in the Australian NEM**

J. Dyson (Greenview Strategic Consulting, Australia)

- **PV Forecasting in Distribution System Operation – Requirements and Applications**

M. Kraiczy, B. Mey, H. Becker, S. Drauz, R. Fritz (Fraunhofer IEE, Germany), S. Wende v. Berg, M. Braun (Fraunhofer IEE, Germany | University of Kassel, Germany), P. Hofbauer, B. Rindt (egrid application & consulting, Germany)

- **Innovative System Services for Facilitating Integration of High Levels of Wind Generation**

N. Delaney (EirGrid Plc., Ireland)

- **Electricity Balancing Capacity, Emissions, and Cost Comparison of Three Storage-Based Local Energy Systems for Variable Power Generation**

S. W. Monie, A. M. Nilsson, M. Åberg (Uppsala University, Sweden)

Special Issues of the IET Renewable Power Generation of previous workshops

Berlin, 2017: <https://digital-library.theiet.org/content/journals/iet-rpg/13/5> (<https://digital-library.theiet.org/content/journals/iet-rpg/13/5>) (published 2019)

Vienna, 2016: <https://digital-library.theiet.org/content/journals/iet-rpg/12/5> (<https://digital-library.theiet.org/content/journals/iet-rpg/12/5>) (published 2018)

Brussels, 2015: <https://digital-library.theiet.org/content/journals/iet-rpg/11/3> (<https://digital-library.theiet.org/content/journals/iet-rpg/11/3>) (published 2017)

Berlin, 2014: <https://digital-library.theiet.org/content/journals/iet-rpg/10/1> (<https://digital-library.theiet.org/content/journals/iet-rpg/10/1>) (published 2016)

London, 2013: <https://digital-library.theiet.org/content/journals/iet-rpg/9/1> (<https://digital-library.theiet.org/content/journals/iet-rpg/9/1>) (published 2015)