

Wind Power Forecasting

Conveners:

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Description:

Since 2011, several central events in Europe brought together the strong international community of researchers and end-users in the field of wind energy forecasting. Previous events have been sponsored by major EU projects (Anemos.plus, SafeWind) or networks like the Cost Action WIRE (ES1002). WindEurope has held two successful Technical Workshops on Forecasting in the years 2013 (Rotterdam) and 2015 (Leuven). This year's workshop is co-organised by IEA Wind Task 36 Forecasting, disseminated through WindEurope and held as a mini-symposium at the Wind Energy Science Conference 2017 in Lyngby and is expected to be the major event in the field for this year.

We invite talks across the whole spectrum of short-term forecasting for wind power: Numerical Weather Prediction advances, improved power prediction methods, methods to optimally integrate forecasts in decision making processes, and finally best practice in using the forecasts at end users. The use cases can include grid stability, turbine or wind farm control, trading, O&M, scheduling, coordination with storage, combination with other forecasts like PV, dynamic line rating a.o. Applications at different time scales ranging from the very short term up to longer term seasonal time scales are of interest.