

STandUP for Wind Research Day, On-Line, November 17, 2020

The StandUp for Wind Research Day will include presentations from exciting ongoing projects within the two fields; wind resource and large wind penetration in the system. The day will be divided in two parts where the focus before lunch will be on wind resources and the afternoon focus will then be on large wind penetration in the system. A key note from industry will initialize both focus areas. The day will end with a common panel discussion for both focus areas. You will also be able to talk directly with the presenters in smaller virtual rooms, see program.

AGENDA

- 9:30 **Welcoming by the director and chairman**
9:45 **Keynote**, Blockage of wind farms, Nicolai Gayle Nygaard - Ørsted Wind Power
10:30 Towards Efficient High-fidelity Simulations of Wind Farms, Henrik Asmuth, UU
- 10:55 **Coffee break**
- 11:10 Blockage experiments using wind tunnels, Antonio Segalini, KTH
11:35 Recent Reanalyses: a Tight Race Over the Baltic Sea for low level jet, Christoffer Hallgren, UU
- 12:00 **Lunch break**
- 13:30 **Keynote**, Integration of wind power in power systems - Perspectives from the Swedish power system, Camille Hamon, RISE
14:15 Reducing CO2 emissions by curtailing renewables: Examples from optimal power system operation, Elis Nycander, KTH
- 14:40 **Coffee break**
- 15:00 Wind Power Grid Integration Challenges - Voltage and Reactive Power, Stefan Stankovic, KTH
15:25 Cleaner, Cheaper, Faster, Smaller - Dynamic transformer rating to improve wind energy future, Kateryna Morozovska & Zhongtian Li, KTH
- 15:50 **Coffee break with discussions**
Here you will be able to meet the presenters in smaller break out rooms for coffee discussions.
- 16:20 **Panel discussion with Keynotes and presenters.**
Main challenges for the industry considering blockage and large penetration of wind power, Moderator Stefan Ivanell
- 16:50-17:00 Closing

Most welcome,
Stefan Ivanell, Director

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for
WIND