

Advanced Track

Key Audience for Advanced Track: Some background in the area of power system modeling incl. wind turbine modeling.

Session C

(1) Modeling Wind Turbines in Digsilent (M. Pöller)

Details to be announced soon

(2) Modeling Wind Turbines in PSS[®]E (Ralph Hendriks, Siemens)

Details to be announced soon

(3) Validation of Wind Turbine Models (Mark Meuser, Forschungsgemeinschaft für elektrische Anlagen und Stromwirtschaft e.V. [FGH])

In order to derive correct conclusion from wind turbine simulations, it is necessary that the models be validated against real-world data. Only then it can be estimated how close the simulation results will be to the actual behavior in the field. The validation process includes setting up tests to gather the required data, processing the measured data, and comparing the recorded data to simulation results. These steps will be discussed, taking the relevant IEC and FGW standards into account.

(4) Grid Integration Studies – Part 1 (M. Pöller)

Details to be announced soon

Session D

(1) Grid Integration Studies – Part 2 (M. Pöller)

Details to be announced soon

(2) Wind Turbine Models – the Enercon Perspective (Angelo Mendoza, Enercon)

Details to be announced soon

(3) Wind Turbines – the Vestas Perspective (Bo Hesselbæk, Vestas Denmark)

Details to be announced soon