

# Hybrid International RAVE Workshop 2025

## Program

**April 2<sup>nd</sup>, 2025 10:00-17:00**

Event times are in Central European Time (CEST; UTC+02:00).

**Fraunhofer location ENIQ, EUREF Campus 23/24, 10829 Berlin, Germany**



Online participation via [MS-Teams Meeting](#)

**8:45 Check in, coffee and get-together at the Location**

### Session I Setting the scene

- 10:00 **Bernhard Lange**, Fraunhofer Institute for Wind Energy Systems (IWES) / **Kai Herklotz**, Federal Maritime and Hydrographic Agency (BSH)  
Welcome and overview
- 10:10 **Hans-Christoph Wirth**, Federal Ministry for Economic Affairs and Climate Action (BMWK)  
Welcome note
- 10:20 **Hans-Peter Link, Nick Hansen**, DNV Energy Systems  
RAVE Offshore Measurements
- 10:50 **Christoph Ruck**, Vattenfall / **Eric Richter**, DOTI Management  
Rückbau Alpha Ventus - Projekteinblicke und Herausforderungen

**11:10 Break**

### Session II Focus on decommissioning

- 11:40 **Benedikt Niesterok**, Federal Maritime and Hydrographic Agency (BSH)  
Environmental aspects of dismantling offshore wind farms
- 12:00 **Lissie de la Torre Castro**, Fraunhofer Institute for Wind Energy Systems (IWES) / **Michelle Wurm**, Deutsche WindGuard  
DEMIR: Decommissioning - Minimisation of Risks
- 12:20 **Björn Wittek**, Rhenus Offshore Logistics  
Vessel and harbour capacities for decommissioning logistics
- 12:40 **Alexander Schenk**, Fraunhofer Institute for Wind Energy Systems (IWES)  
Methods for foundation decommissioning

**13:00 Lunch**

### Session III Results from ongoing research

- 14:00 **Anish Venu**, DNV Energy Systems  
RAVE Machine Learning end-to-end cycle: A complete overview on the RAVE ML Model
- 14:20 **Bassel Weiss**, Universidad Complutense de Madrid  
Yaw Control Anomaly Detection in Wind Farms Using Machine Learning
- 14:40 **Daniela Moreno, Jan Friedrich, Marcel Bock, Joachim Peinke**, ForWind - Universität Oldenburg / **Carsten Schubert**, Institut Chemnitzer Maschinen- und Anlagenbau e.V.  
Dynamics of the Center of Wind Pressure: From a description of the wind to an estimator of the loads on a wind turbine
- 15:00 **Ronald B. Smith**, Yale University, USA, **Brian J. Gribben**, Frazer-Nash Consultancy, UK  
Coriolis Impact on Wind Farm Wakes
- 15:20 **Tobias Fischer**, Fraunhofer Institute for Energy Economics and Energy System Technology (IEE)  
Windshore—Optimal management of storage cascades with ensemble forecasts

**15:40 Break**

### Session IV Discussion

- 16:10 RAVE—Quo vadis? Research needs and opportunities in the final phase of alpha ventus
- 16:50 Workshop closure

**17:00 - 18:00 Enjoy Networking after the Workshop with a drink**

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