

# RAVE online Workshop 2021

Program as of January 25th, 2021

**January 28th, 2021 from 09:00 a.m. to 02:30 p.m.**

Event timings are in Central European Time (CET; UTC+01:00).



## 09:00 a.m. Opening Session and introduction to research at alpha ventus

Teams Live Link for Session 1 via [this Link](#)

**09:00 a.m. Bernhard Lange**, Fraunhofer IWES

Opening remarks

**09:10 a.m. Daniela Bizjak**, Project Management Jülich

„A view back on 10 years of research at alpha ventus from the perspective of the funding agency“

**09:20 a.m. Lisa Schulz, Björn Lehmann-Matthaei**, FuE-Zentrum FH Kiel GmbH

„The FINO1 Platform - Offshore Research Laboratory in the North Sea“

**09:40 a.m. BSH (with DNV GL and UL international)**

„Data Quality Management in the RAVE project, introducing machine learning to the process“

## 10:30 a.m. Session 2: Weather effects in alpha ventus

Teams Live Link for Session 2 via [this Link](#)

**10:30 a.m. Lukas Fröhling**, Leibniz University Hannover

„Wind-Wave correlation in the German Bight as a logistical planning tool for offshore activities“

**10:50 a.m. Marcos Ortensi**, UL international

„Wind farm wake effects on the wind conditions and the fatigue loads of the offshore wind farm alpha ventus“

**11:10 a.m. Ines Würth**, University of Stuttgart

„Minute-scale forecasting of wind power using a long-range LiDAR in alpha ventus“

**11:30 a.m. Jörg Schneemann**, University of Oldenburg

„Measuring large scale offshore wind farm effects with scanning LiDAR“

## 01:00 p.m. Session 3: Turbine Loads

Teams Live Link for Session 3 via [this Link](#)

**01:00 p.m. Matthias Kretschmer**, University of Stuttgart

„Structural load validation for wake situations using alpha ventus measurement data“

**01:20 p.m. Etienne Cheynet**, University of Bergen

„Influence of the environmental conditions on the acceleration response of the tower/hub structure of the AV07 wind turbine“

**01:40 p.m. Tanja Griebmann**, Leibniz University Hannover

„Wind turbine monitoring & lifetime extension (IEA Wind Task 42)“

**02:00 p.m. Artur Movsessian**, University of Edinburgh

„Interpretable Machine Learning for load prediction“

More infos at [www.rave-offshore.de](http://www.rave-offshore.de)

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