

Hybrid International RAVE Workshop 2024 Program

March 13th, 2024 from 10:00 to 17:00

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

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



08:45 Check in, coffee and get-together at the Location

Opening Session and Introduction

- 10:00 **Andreas Reuter**, Fraunhofer Institute for Wind Energy Systems (IWES)
Kai Herklotz, Federal Maritime and Hydrographic Agency (BSH)
Welcome
- 10:10 **Timo Haase**, Federal Ministry for Economic Affairs and Climate Action (BMWK)
- 10:30 **Eric Alexander Richter**, DOTI Management GmbH
Status and Prospects for Germany's Offshore Testfield "alpha ventus"
- 10:50 **Bernhard Lange**, Fraunhofer Institute for Wind Energy Systems (IWES)
End of Life Strategies - a New Phase of RAVE ?

11:05 - 11:30 Coffee Break

- Block I**
- 11:30 **Marijn van Dooren**, UL International GmbH
Development of a Machine Learning Model for Quality Control of Wind Turbine Load Measurements
- 11:45 **Anish Venu**, DNV Energy Systems
A Complete Overview of the RAVE - ML Model (Prepare-Build-Deploy)
- 12:00 **Hannah Mitchell**, Industrial CDT in Offshore Renewable Energy (IDCORE), UK
Load Estimation for Offshore Wind Turbine Rotor Blades
- 12:20 **Lukas Fröhling**, Ludwig Franzius Institute of Hydraulic, Estuarine and Coastal Engineering (LuFI), Leibniz University Hannover
Towards an analytical Tool assessing the Operability of Offshore Personnel Transfer limited by Motion Sickness

12:40 - 13:40 Lunch Break

- Block II**
- 13:40 **Philipp Brosche**, Fraunhofer Institute for Energy Economics and Energy System Technology IEE
New Wind Farm operating Strategies taking into Account variable Electricity Production Costs and Electricity Prices for higher Returns
- 14:00 **Andreas Rott**, Carl von Ossietzky University of Oldenburg, ForWind
Wind Vane Correction during yaw Misalignment
- 14:20 **Brian Gribben**, Frazer-Nash Consultancy, UK
Long Range Wake Calculations sensitive to Surface Layer Stability
- 14:40 **Eric Hines**, Tufts University Boston, USA
U.S. Advances in Digital Twinning for Offshore Wind Assets

15:00 - 15:30 Coffee Break

- Block III**
- 15:30 **Nils Hinzmann**, Federal Waterways Engineering and Research Institute (BAW)
Decommissioning Offshore Pile Foundations: Current Practices and Future Research
- 15:50 **Tulio Quiroz**, Fraunhofer Institute for Wind Energy Systems IWES
Innovative Foundation System for Repowering of Offshore Wind Turbines -InGROW project
- 16:10 **Eric Alexander Richter**, DOTI Management GmbH
Repowering Concept for alpha ventus

16:30 Discussion

17:00 Thanks and Goodbye, Closure

17:00 - 18:30 Enjoy Networking after Workshop Time with Drinks at the Location



[Here](#) is the link to dial in.

www.rave-offshore.de

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