

# OFFSHORE WIND

## R&D Conference 2018

- Poster Session Program (as at November 06<sup>th</sup>) -



### Poster Session

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#### Test facilities & demonstration sites

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- #16245 **Verification of Nacelle-based LiDAR systems - A comparison of Black box and White box approach**  
Jens Riechert (DNV GL)
- #16258 **Latest trends and future for wind turbines test facilities**  
Nerea Castro et al. (Idom Consulting, Engineering, Architecture S.A.U.)
- #16334 **Quality control of raw data during measurement campaigns for wind energy**  
Richard Foreman, N. Hansen, T. Neumann (UL DEWI)
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#### Operation and maintenance

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- #15394 **Life extension upgrade solution for Gears and Bearings in Wind Turbines**  
Stefan Bill (REWITEC GmbH)
- #16029 **Effect of marine growth and damage on modal parameters of a monopile test structure**  
Mahmoud Jahjouh (Leibniz University)
- #16198 **Lighting and marking concepts in the North Sea – one area and plenty of concepts**  
Andrea Fischel, Hywel Roberts (Ørsted)
- #16214 **Reliability assessment of offshore structures subjected to bio-colonisation process**  
Thanh Binh Tran, Franck Schoefs, Hamed Ameryoun (University of Nantes, IXEAD/Capacites)
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#### Installation and decommissioning

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- #15710 **Generation of a Quality Guideline for the Treatment of Unexploded Ordnance Faced During Offshore Wind Park Construction**  
Torsten Frey (University of Leibzig)
- #16253 **Research approach for efficient offshore wind farm decommissioning strategies**  
Vanessa Spielmann, S. Eckardt (Hochschule Bremen)
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# Poster Session

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## Resource assessment

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- #16019 **Meteorological issues of large offshore wind parks**  
Stefan Emeis (KIT)
  
  - #16257 **A case study: Requirements and considerations for the selection of a FLS installation-location in a commercial offshore wind farm project**  
Patrick Schwenk, Khalid Kamhawi, Claudia Rudolph (Offshore Wind Consultants (Aqualis) GmbH, Fraunhofer IWES)
  
  - #16268 **The MALIBU project: Developing a simulation environment for floating lidar systems**  
Oliver Bischoff (University of Stuttgart)
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## Grid connection and integration

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- #16098 **Offshore wind farm construction within precautionary action zone**  
Seokwoo Kim (Korea Institute of Energy Research)
  
  - #16230 **Numerical and experimental validation of wind farm active power control**  
Vlaho Petrovic, Medhi Vali, Martin Kühn (University of Oldenburg)
  
  - #16252 **Provision of tertiary control reserve with large offshore wind farms**  
Johannes Frommann, Andreas Rott (Global Tech I Offshore Wind GmbH, ForWind)
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## Environmental impact and spatial planning

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- #15806 **B-FINDER - automatic bats & birds mortality monitoring for wind power**  
Michał Przybycin, J. Mrowca-Ciulacz (EMPEKO)
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## Geology, waves & current measurements

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- #16238 **Comparison of different sea state measuring techniques in offshore wind parks**  
Marten Schmager, Kai Herklotz (BSH)
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