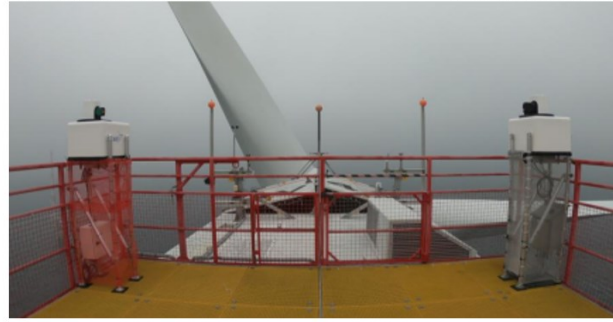


With this newsletter, we would like to keep our RAVE friends and community up to date with recent developments in the research initiative at alpha ventus, Germany's first offshore wind farm.

Lidar measurements in alpha ventus

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RAVE project ParkCast concluded

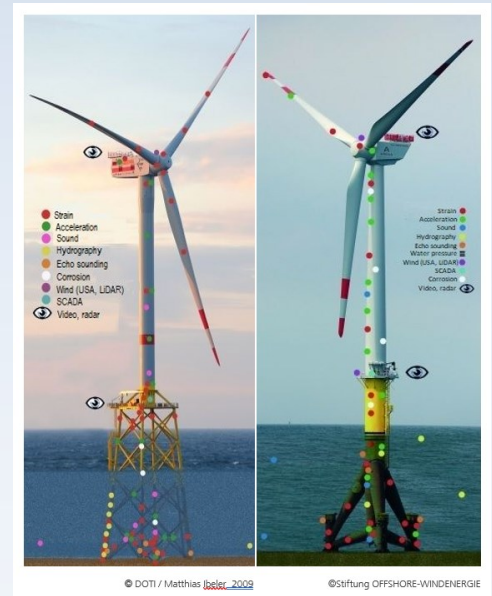
University of Stuttgart's RAVE project "ParkCast" was successfully finished in April 2022. Lidar measurements in alpha ventus were performed to optimize minute-scale power forecasts for offshore wind-farms. Results and more information about the project can be found [here](#).

New measurement sensors added

The Measurement Twin and a satellite compass as new measurement channels are in function and their data since late fall 2021 is now available in the BSH archive. All new measurement channels have been published in the "list of sensors V2.2" valid since April 13, 2022. Have a look [here](#).

Access to high resolution controller data

The confidentiality level has been reduced for the 50 Hertz high resolution data from the Servion turbine controller of the turbines AV04 and AV05. The data, which formerly were only accessible with a special bilateral agreement, are now available to all researchers who signed the RAVE agreement for the data usage. You can find more information on the accessibility of the RAVE data [here](#).



Presentations of the 2022 RAVE Workshop available

160 participants followed this year's edition of the International RAVE Workshop, again conducted as a virtual event. A focus of this year's workshop was measurements, modeling and forecasting of wind fields and sea state, but also topics like machine-learning, condition monitoring, and wind farm decommissioning were addressed. All presentations are available [here](#).

Best regards and best wishes for a great and healthy summertime !!!

The RAVE Coordination at the Fraunhofer Institute for Wind Energy Systems IWES, Germany
If you have questions and feedback or want to receive more information on RAVE,
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