NORCOWE plans and activities

Kristin Guldbrandsen Frøysa Christian Michelsen Research(CMR) and UiB kristin@cmr.no



Partners in the FME centre

Research partners:

- Christian Michelsen Research AS (host)
- Uni Research AS
- University of Agder
- University of Bergen
- University of Stavanger
- Aalborg University (DK)

User partners:

- Statkraft AS
- Statoil AS
- Acona Flow Technology AS
- Aquiloz AS
- Axys Technologies
- Leosphere
- Norwegian Meteorological Institute
- StormGeo AS



CONTRICT INVIGONMENT TRENDO WARY NOTWORGIAN CENTRE for Offshore Wind Energy



NORCOWE in figures (8 years)

- PhD 27 (including current students)
- Masters 58
- Post doc 7
- Budget 253 mill NOK (120 mill NOK from RCN)





The NORCOWE research network

- Current partners: UiB, UiS, UiA and CMR
- Hosted by CMR
- Coordinate research activity
- Project generation
- Secure data from NORCOWE measurement campaigns
- Meetings and conferences
- Collaboration with industry, public and private bodies

Relevant time and length scales in offshore wind



MesoscalePark scaleRotor scaleBlade scale10000 -10 km10 -1 km200 - 50 m5 - .5 mDays -Hours20 min - 20 s10 - 2 s0.5 - 0.01 sFactor of 10⁶ in relevant length and time scales"Alt henger sammen med alt"

Science Meets Industry Stavanger 2018

>>>	FOCUS AREAS VISION PARTNERS PUBLICATIONS	VIDEOS
	Science Meets Industry Stavanger 5. april 2018	Search
	The yearly conference Science Meets Industry Stavanger will take place Thursday 5 th April 2018, at Måltidets Hus. The conference is organized by NORCOWE in collaboration with <u>Greater Stavanger</u> and Norwegian Offshore Wind Cluster. Program and registration here	News 08. 11. 2017 Universitetet i Bergen har utarbeidet en plan for en demopark for flyt read more >>
	Offshore Wind Energy	15. 02. 2017 NORCOWE presentations at DeepWind'17 read more >>
	- Science meets industry, Stavanger	News archive >> Calendar/ Upcoming Events 29. januar 2018 Statoil's ambitions in offshore wind, industrial and research challeng read more >> 5. april 2018 Science Meets Industry
	April 5th 2018, 09:30 - 15:30 Måltidets Hus, Ullandhaug, Stavanger Arranged by NORCOWE, Greater Stavanger and Norwegian Offshore Wind Cluster. Please visit www.norcowe.no for more information.	Stavanger read more >> Calendar Archive >>
	NORCOWE Phone: +47 55 57 40 40 Fax: +47 55 57 40 41 E-mail: post(at)norcowe.no	© NORCOWE 2010

Project ideas and proposals

- Measurement campaigns using OBLO equipment
- Motion compensation projects
- Project proposals to RCN and EU
 - Using data from measurement campaign OBLEX-F1 and other data
 - Combining met-ocean measurements and models with load calculations
 - Decision support
 - Blade errosion the impact of (heavy) rain on blades and how to reduce damage

Mobile motion lab – based at CMR part of Norwegian Motion Laboratory



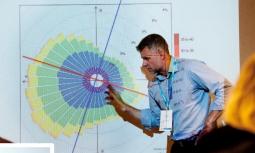








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