

Work Package Meetings, May 21-22 2013

Venue: *Kjell Arnholms Hus, University of Stavanger, Auditorium A-3 ([map](#))*

Overall Program:

Tuesday, May 21:

08:30-10:00 Registration with coffee/tea

10:00-13:00 WP1 Met/Ocean Data

13:00-14:00 Lunch

14:00-17:30 Common session and posters

18:00 Social event with dinner

Wednesday, May 22:

08:15-08:45 Coffee/tea

08:45-11:45 WP2 Wind-energy estimation

11:45-12:45 Lunch

12:45-16:00 WP3 Design, installation and operation of offshore wind turbines

Registration and accommodation:

Registration at www.norcowe.no

Accommodation at Rica Forum, Stavanger. Please use booking reference

14610581 NORCOWE. Rica Forum: Gunnar Warebergs gate 17, tel. +47 51 93 00 00

Map: <http://goo.gl/maps/shC3S>



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DETAILS, TUESDAY 21.05.2013

WP 1: Met/Ocean Data

Time	Topic/title	Speaker
1000	Introduction and general status of WP1	Joachim Reuder (GFI/UoB)
1015	Charaterization of SUMO for turbulence measurements in a wind farm	Joachim Reuder (GFI/UoB)/Andreas Knauer (Statoil)
1030	The wind lidar campaign at Sola airport	Valerie Kumer (GFI/UoB)
1050	Recent results from analysis of FINO wind and turbulence data	Anthony Kettle (GFI/UoB)
1110	Status on the Met-ocean data base	Junyong You (CMR Computing)
1130	<i>Coffee break</i>	-
1150	Results from 4 years of wind lidar measurements in the Havsul region.	Konstantinos Christakos (GFI/UoB)
1205	Wind energy research at DEWI	Tom Neumann (DEWI)
1225	Wind energy research at ECN	Peter Eecen (ECN)
1245	Discussion	
1300	<i>Lunch</i>	-

Common Session

Time	Topic/title	Speaker
1400	Walk and talk <i>a walk in the area close to UoS, topics to discuss during this walk will be announced</i>	
1500	Standards for offshore wind energy	Anne Lene H Hopstad (DNVKema)
1520	Overview over wind energy research at DTU Wind	Xiaoli Guo Larsén (DTU Wind)
1540	RD&D as seen from an offshore wind park developer perspective	Elizabeth Baumann Ofstad (Statoil)
1600	Presentation of posters and poster session	-
1800	Visit to Flor and Fjære with dinner	

DETAILS, WEDNESDAY 22.05.2013

WP 2: Wind-energy estimation

Time	Topic/title	Speaker
Part I: NORCOWE research		
08:45	Introduction by the session chair	Angus Graham (Uni Computing, Uni Research)
08:50	Coastal and mesoscale wind climatology at Uni Research	Idar Barstad (Uni Computing, Uni Research)
09:15	Unsteady effects and nowcasting at Uni Research	Henning Heiberg-Andersen (Uni Computing, Uni Research)
09:35	CFD modelling of wakes at CMR with CMR-Wind	Marwan Khalil (CMR Gexcon, CMR)
10:00	Reduced-order flow modelling of wind farms at CMR	Chad Jarvis (CMR Computing, CMR)
10:20	<i>Coffee break</i>	
Part II: Wider perspectives		
10:40	Introduction by the session chair	Lene Sælen (CMR Gexcon, CMR)
10:45	Wake assessment portfolio	Andreas Knauer (Statoil)
11:05	Short-term prediction for wind energy – possibilities and potentials	Torben Knudsen, Department of Electronic Systems, Aalborg University
11:25	EDF R&D offshore wind-resource Assessment	Marilia Giannakopoulou (EDF Energy R&D)
11:45	<i>Lunch</i>	

DETAILS, WEDNESDAY 22.05.2013

Time	Topic/title	Speaker
12.45	Introduction and general status of WP3	Charlotte Obhrai (UIS)
12.50	Framework for integrated work management systems	Ole-Erik Vestøl Endrerud (UIS)
13.05	Reliability analysis of wind turbines – basis for O&M plan	Erik Kostandyan
13.20	Remote operation framework for integrating information from different sources and in different form	Hoang Trinh Nguyen (UIA)
13.35	Dynamic performance of Hywind Demo	Arne Rekdal (Statoil)
13.55	Wind Farm Control Survey	Torben Knudsen
	<i>Coffee Break - 20 mins</i>	
14.30	Grid integration of offshore wind farms	Hongzhi Liu (UIA)
14.45	Real-time Simulation of Loader Crane with Experimental Verification	Magnus Kjelland (UIA)
15.00	Motion Compensation for Crown Mounted Compensator to Improve Drilling Performance	Atle Aalerud & Tomas Klevmo (UIA)
15.10	Validated loads prediction models for offshore wind turbines for enhanced component reliability	Christina Koukoura (DTU Risø)
15.30	Impact of refined metocean modelling on power production forecasts offshore	Charlotte Obhrai (UIS)
15.45	CLOSE	