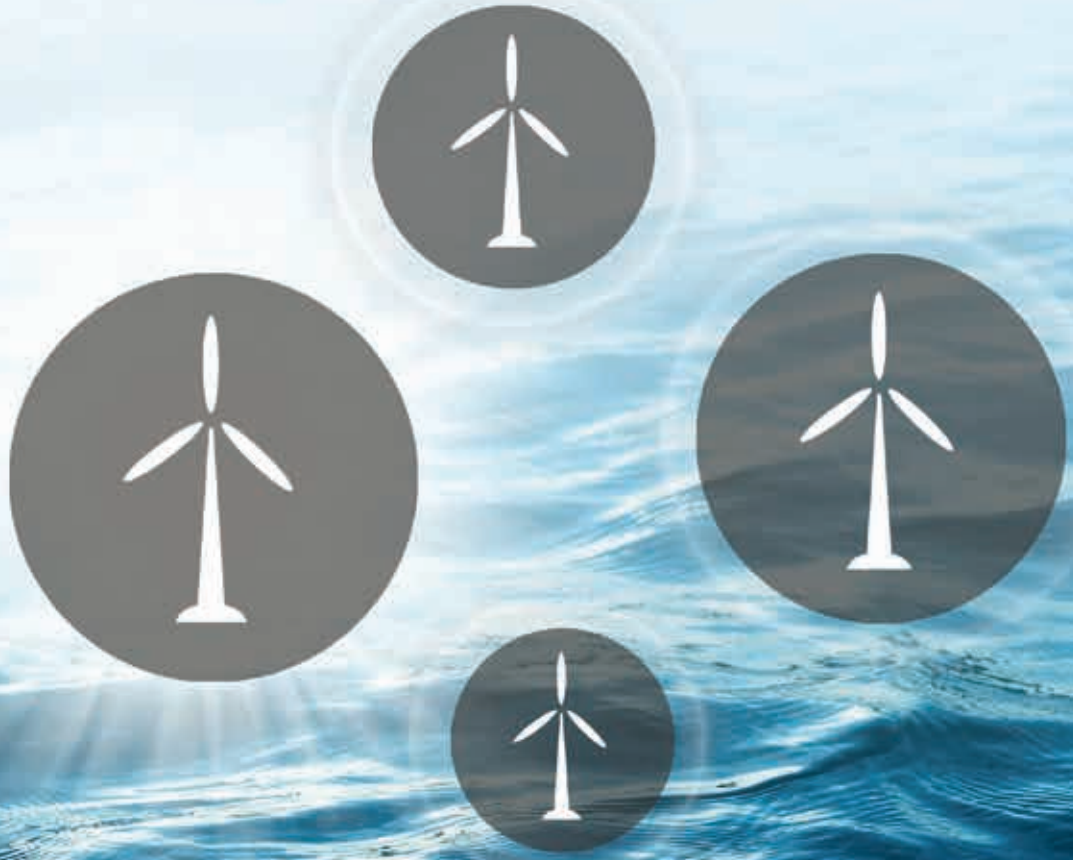
APPENDIX
FINAL REPORT



NOWITECH

Norwegian Research Centre for Offshore Wind Technology

CENTRE FOR ENVIRONMENT-FRIENDLY ENERGY RESEARCH
The Research Council of Norway

APPENDIX

Contents

APPENDIX 1

RESULTS - KEY FIGURES 2
Spin-off projects 3

FINANCIAL 7
Statement of accounts for the complete period of centre financing [MNOK] 7

STUDENTS 8
List of Postdocs and PhD Candidates during the full period of the centre 8
List of MSc degrees 16

PERSONNEL AND INFRASTRUCTURES 26
Board Members 2009 – 2017 26
General Assembly 2009 - 2017 29
Centre Management Group 2009 – 2017 33
Key researchers in NOWITECH 35

PUBLICATIONS 39

RESULTS - KEY FIGURES

Accumulated figures

Result	2009	2010	2011	2012	2013	2014	2015	2016	2017
Peer Reviewed Scientific Papers									
Scientific publications Peer reviewed	0	4	27	80	107	153	194	223	232
Dissemination measures for users									
Conference papers	8	30	59	81	101	116	119	119	121
Posters	0	5	11	12	13	14	34	34	35
Conference presentations	9	42	89	114	137	166	181	192	194
Scientific reports	4	32	54	76	100	121	146	157	174
Books/monographs/ book chapters /thesis	1	5	9	13	18	25	38	41	43
Dissemination measures for the general public									
Media contributions	6	26	35	46	61	76	99	113	125
R&D Results and Innovations									
New/improved methods/models/ prototypes finalised	0	0	0	11	26	37	39	40	40
Students									
PhD-degrees completed	0	0	0	1	1	7	14	17	19
Master degrees completed	18	35	63	93	117	145	193	229	267

Spin-off projects

NOWITECH research partners are attractive: Since start-up 73 new projects with an accumulated budget of over NOK 1500 million have been started related to research in offshore wind energy. The projects are with EU or Nordic funding (26), national competence building projects or infrastructure (33) or industry driven with RCN co-funding (13). These projects are with separate contracts external to NOWITECH, but carried out in alignment with NOWITECH providing added value. A selection of projects is listed in Table 1. Several bilateral projects directly for industry is in addition to the selected projects.

Table 1: A selection of projects with participation of one or more NOWITECH research partners

Project title	Type	Partners	Start	End
1. DACOMAT (Damage controlled Composite materials)	EU H2020	SINTEF MK (coord), 12 partners	2018	2021
2. Total Control (Advanced integrated supervisory and wind turbine control +)	EU H2020	SINTEF Energi, DTU (Coord), Statoil, Vattenfall, mfl	2018	2021
3. Opwind (Operational Control for Wind Power Plants)	RCN KPN	SINTEF Energi coordinator	2017	2021
4. Coatings for reduction of leading edge corrosion	RCN IPN	SINTEF MK, Statkraft, Statloil mfl	2017	2019
5. Offshore wind integration with the stand-alone Eletric grid	RCN IPN	SINTEF Energi, Statoil	2016	2018
6. Real Time Hybrid Testing	RCN KPN	SINTEF Ocean, NTNU mfl	2016	2018
7. Lifes50+ (Qualifying innovative floating substructures for 10MW wind turbines.)	EU H2020	MARINTEK, etc. (12 partners in total)	2015	2019
8. ReliPE (Reliability and ruggedness of high power high voltage power electronics)	RCN KPN	SINTEF Energi AS, Statkraft, GE Power Conversion, Mitsubishi Europe, EDF	2015	2019
9. Redwin (Reducing cost of offshore wind by integrated structural and geotechnical design)	RCN KPN	NGI, IFE, NTNU, Statkraft, Statoil	2015	2018
10. AWSOME (11 PhDs within O&M methodologies)	EU H2020 MCA	DTU, Strathclyde, NTNU, etc.	2015	2018
11. MOVE: Marine Operation Centre	RCN SFI	NTNU Ålesund, MARINTEK, Statoil, etc.	2015	2023
12. Support on offshore wind maintenance and logistics studies	Bilateral	Statkraft, MARINTEK, SINTEF Energi	2015	2015

Project title	Type	Partners	Start	End
13. EERA IRPWIND	EU FP7	DTU, NTNU, SINTEF Energy Research, Marintek, etc.	2014	2018
14. SmartGrids lab	RCN infrastructure	NTNU, SINTEF Energy Research	2014	2018
15. Best Path	EU FP7	Red Electrica, Iberdrola, SINTEF Energy Research, etc,	2014	2018
16. Kon-Wake	RCN IPN	Kongsberg, SINTEF MC	2014	2016
17. WiWind	RCN IPN	Kongsberg, SINTEF ICT	2014	2016
18. Wind farm Energy storage	Industrial	SINTEF Energy Research, Iberdrola, Gamesa	2014	2015
19. DIMSELO	RCN KPN	IFE, DTU, STATOIL, STATKRAFT, NTNU	2013	2016
20. Eurosunmed	EU FP7	CNRS, SINTEF ER	2013	2017
21. Leanwind	EU FP7	Univ Cork, MARINTEK, Kongsberg, SINTEF ER, NAAS ++	2013	2017
22. Offshore Energy Storage system	RCN IPN	Sub Hydro, SINTEF Energy Research, etc.	2013	2015
23. Offshore DC: DC grids for integration of large scale wind power	Nordic	Risø DTU, AAU, Chalmers, SINTEF Energy Research, VTT, Dong, Vestas, ABB, Energinet.dk, NTNU,	2013	2015
24. North Sea Offshore Network and Storage	RCN	SINTEF ER	2013	2016
25. Beppo - Blue Energy Production in Ports	EU Interreg	Port of Oostende, SINTEF Energy Research, Marintek, etc.	2013	2015
26. WINDSENSE: Add-on instrumentation system for wind turbines	RCN IPN	Kongsberg Maritime, Statoil, NTE, SINTEF Energy Research, Marintek, NTNU, etc	2013	2014
27. ProOfGrids: Protection and Fault Handling in Offshore HVDC Grids	RCN KPN	SINTEF Energy Research, NTNU, RWTH Aachen University, Statnett, Statoil, NationalGrid, EDF, GE Power Conversion, NVE, Siemens, Statkraft	2012	2017

Project title	Type	Partners	Start	End
28. Fluid Structure Interactions for Wind Turbines	RCN KPN	SINTEF IKT, Statoil, TrønderEnergi, Kjeller Vindteknikk, FFI, NTNU, SINTEF	2012	2017
29. InnWind: Innovative wind conversion systems (10-20MW) for offshore applications	EU FP7	Risø DTU, SINTEF Energy Research, etc.	2012	2016
30. MARE-WINT: new Materials and Reliability in offshore WINd Turbines technology	EU FP7	Polish Academy of Sciences, NTNU, Marintek, etc.	2012	2016
31. WindScanner.eu	EU ESFRI	DTU, Fh IWES, ECN, ForWind, CENER, SINTEF Energy Research, LNEG, University of Porto and CRES	2012	2015
32. RenWind	RCN IPN	Reichhold, SINTEF MK, DTU Wind	2012	2015
33. EERA-DTOC: EERA Design Tools for Offshore Wind Farm	EU FP7	DTU Risø, SINTEF Energy Research, etc.	2012	2015
34. FAROFF: Far offshore operation and maintenance vessel concept development and optimization	RCN IPN	Statkraft, MARINTEK, Fred Olsen, Odfell, SINTEF Energy Research	2012	2014
35. Offwind: Prediction tools for offshore wind electricity generation	Nordic	IRIS, SINTEF, FFI, WindSim, Storm Geo etc.	2012	2014
36. Nordic wind power O&M network	Nordic Energy Research	Energi Norge, SINTEF Energy Research, VTT, Vindforsk, Chalmers, Risø DTU	2011	2015
37. MARINET: Marine Research Infrastructures Network for Energy Technologies	EU FP7	HMRC University College Cork, Risø DTU, NTNU, University of Strathclyde, Fraunhofer IWES, SINTEF Energy Research, etc	2011	2015
38. DIPLAB (ETEST, 8 MVA short-circuit emulator)	RCN infrastructure	SINTEF Energy Research	2011	2014
39. Mitigation measures and tools to reduce bird-associated conflicts in space and time for onshore and offshore wind-power plants	RCN KMB	NINA, NTNU, SINTEF M&C, SINTEF ICT, Statkraft etc.	2011	2013
40. PowerUP: Effektive verdikjeder for offshore vindmøller	RCN Mid-Norway	SINTEF, NTNU, Høgskolen i Molde, Møreforskning	2011	2013

Project title	Type	Partners	Start	End
41. HiPRwind: High Power, high Reliability offshore wind technology	EU FP7	Fraunhofer IWES, SINTEF Energy Research, NTNU etc.	2010	2015
42. DeepWind: Future Deep-Sea Wind Turbine Technologies	EU FP7	DTU, Statoil, SINTEF Energy Research, etc.	2010	2014
43. MARINA Platform: Marine Renewable Integrated Application Platform	EU FP7	Acciona, NTNU etc.	2009	2013

FINANCIAL

Statement of accounts for the complete period of centre financing [MNOK]

FUNDING Activity/Item	RCN	SINTEF Energi	NTNU	IFE	SINTEF OCEAN	SINTEF MC/ICT/TS	Aker solutions	CD Adapco	Devold AMT	DNV	Dong	EDF	Fedem	Fugro Oceanor	GE Wind Energy	Kongsberg	Lyse	NTE	NAAS	Smartmotor	Statkraft	Statnett	Statoil	TrønderEnergi	Vestas Wind	Vestavind Offshore	Annen inkind	**TOTAL**
WPA	70,3	1,4	19,6	6,0	10,3	4,7	2,4	2,0	0,0	1,5	1,7	4,2	2,1	3,7	1,9	0,0	0,5	1,8	0,0	0,0	4,7	1,1	5,7	0,3	1,9	1,1	0,0	148,9
WPB	39,5	3,4	10,3	0,8	2,9	6,4	0,1	0,0	1,5	1,0	1,0	0,8	1,3	0,0	1,1	2,3	0,4	1,0	1,3	3,8	3,1	0,7	2,0	0,2	1,1	0,7	0,0	86,5
WPC	21,9	6,5	3,8	0,1	0,0	0,0	0,1	0,0	0,0	0,8	0,6	0,3	0,2	0,5	0,4	0,0	0,2	0,4	0,0	0,0	1,9	0,9	1,0	0,1	0,5	0,3	0,0	40,4
Equipment	0,2	0,0	0,0	0,0	0,0	0,9	0,0	0,2	0,0	0,0	0,0	0,0	0,0	1,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	2,2
Integration/ mgmt/adm	21,8	6,9	1,7	0,9	0,8	0,8	0,0	0,0	0,0	0,7	0,7	0,6	0,0	0,0	0,8	0,0	0,2	0,7	0,0	0,0	2,3	0,5	1,4	0,1	0,7	0,4	1,1	43,1
CIC/Sci Com	6,3	0,0	13,3	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	19,7
SUM	160,0	18,2	48,7	7,8	14,0	12,7	2,6	2,2	1,5	4,0	4,0	5,9	3,5	5,2	4,2	2,3	1,3	4,0	1,3	3,8	12,0	3,2	10,1	0,8	4,2	2,5	1,1	340,9

COSTS Activity/Item	RCN	SINTEF Energi	NTNU	IFE	SINTEF OCEAN	SINTEF MC/ICT/TS	Aker solutions	CD Adapco	Devold AMT	DNV	Dong	EDF	Fedem	Fugro OCEANOR	GE Wind Energy	Kongsberg	Lyse	NTE	NAAS	Smartmotor	Statkraft	Statnett	Statoil	TrønderEnergi	Vestas Wind	Vestavind Offshore	Annen inkind	**TOTAL**
WPA	0,0	3,2	51,2	24,3	40,9	15,3	2,4	2,0	0,0	0,0	0,0	2,9	2,1	3,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,9	0,0	0,0	0,0	0,2	148,9
WPB	0,0	14,2	26,4	3,2	10,5	21,8	0,1	0,0	1,5	0,0	0,0	0,0	1,4	0,0	0,0	2,3	0,0	0,0	1,3	3,8	0,0	0,0	0,0	0,0	0,0	0,0	0,0	86,5
WPC	0,0	27,1	12,7	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,1	0,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	40,4
Equipment	0,0	0,0	0,1	0,0	0,0	0,9	0,0	0,2	0,0	0,0	0,0	0,0	0,0	1,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	2,2
Integration/ mgmt/adm	0,0	28,1	4,1	3,5	3,3	3,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,9	43,1
CIC/Sci Com	0,0	0,0	19,7	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	19,7
SUM	0,0	72,7	114,2	31,0	54,7	41,2	2,6	2,2	1,5	0,0	0,0	2,9	3,5	5,2	0,0	2,3	0,0	0,0	1,3	3,8	0,0	0,0	0,9	0,0	0,0	0,0	1,1	340,9

STUDENTS

List of Postdocs and PhD Candidates during the full period of the centre

Postdoctoral researchers with financial support from the Centre budget

	Name	M/F	Nationa-lity	Scientific area	Years/period in the centre	Scientific topic	Main contact
1	Anthonippillai Antonarulrajah	M	UK	Structural Eng	20091202-20110909	Influence of material and process parameters on fatigue of wind turbine blades in a marine environment	Andreas Echtmayer
2	Stanislav Schebetov	M	Russia	Structural Eng	20110912-20111231	Influence of material and process parameters on fatigue of wind turbine blades in a marine environment	Andreas Echtmayer
3	Madjid Karimirad	M	Iran	Marine Eng	20101115-20120801	Alternative floating wind turbines for moderate water depths	Torgeir Moan
4	Ali Nematbaksh	M	Iran	Materials Eng	20130626-20160625	Alternative floating wind turbines for moderate water depths	Torgeir Moan
5	Mukesh Kumar	M	India	Mathematics	20110101-20131231	Adaptive methods for accurate CFD-simulations of aerodynamic loads on offshore wind turbines	Trond Kvamsdal
6	Steve Völler	M	Germany	Electrical Eng	20100301-20120715	Balance management with large scale offshore wind integration	Gerard Doorman

Postdoctoral researchers working on projects in the centre with financial support from other sources

	Name	Gender	Nationality	Period	Topic
1	Stålhane, Magnus	M	Norwegian	2013 - 2015	Optimization of maritime logistics
2	Eliassen, Lene	F	Norwegian	2013 - 2015	Effects of large rotors
3	Li, Hui	M	Chinese	2011 - 2013	Dynamic analysis of offshore monopile wind turbine including the effect of scour
4	Merz, Karl	M	American	2011 - 2013	Offshore wind turbines in EU projects
5	Ong, Muk Chen	M	Malaysian	2011 - 2013	Dynamic analysis of offshore monopile wind turbine including the effect of scour
6	Langhamer, Olivia	F	German	2010 - 2013	Renewable offshore energy and the marine environment: biofouling and artificial reefs

7	Muskulus, Michael	M	German	2010 - 2011	Analysis and measurements of structural behaviour of offshore wind turbines
8	Adaramola, Muyiwa	M	Nigerian	2010 - 2012	Resource optimization and recovery in the materials industry
9	Tedeschi, Elisabetta	F	Italian	2009 - 2011	Design and control of energy conversion systems for the integration of offshore renewable energy sources into the electric grid
10	Thomassen, Paul	M	Norwegian	2008 - 2012	Deep sea offshore structures
11	Zaimeddine, Rabah	M	Algerian	2008 - 2011	Grid Integration Technologies of Offshore Wind
12	Gao, Zhen	M	Chinese	2008 - 2011	Reliability and stochastic response analysis of marine structures
13	Adaramola, Muyiwa	M	Nigerian	2008 - 2010	Deep sea wind turbine behaviour in extreme situations
14	Nilanjan Saha	M	Indian	2008 - 2010	Stochastic analysis of marine structures

PhD candidates who have completed with financial support from the centre budget

	Name	**M/F**	**Nationality**	**Scientific area**	**Years/period in the centre**	**Thesis title**	**Main thesis Advisor**
1	Alegan Mayilvahanan Chella	M	Indian	Structural Eng	2010-2016	Wave forces on wind turbine substructures	Michael Muskulus
2	René Alexander Barrera	M	Columbia	Electric Eng	2011-2014	Multi-domain optimization model for the evaluation of power density and efficiency of wind energy conversion systems	Marta Molinas
3	Tania Bracchi	F	Italian	Aerodynamics	2009-2013	Assessments of benefits of downwind rotors due to weight savings using new and thinner airfoils and improved directional stability of turbine	Per Åge Krogstad
4	Valentin Bruno Chabaud	M	French	Hydrodynamics	2011-2016	Real-Time Hybrid Model Testing of Floating Wind Turbines	Sverre Steen
5	Kevin Cox	M	American	Material Eng	2010-2013	Lift control of wind turbines blades by using smart composite materials manipulating aerodynamics rotor properties	Andreas Echtmayer
6	Emmanuel Dombre	M	French	Hydrodynamics	2011-2015	Hydrodynamic modeling and analysis of floating wind turbines	EDF

	Name	M/F	Nationality	Scientific area	Years/period in the centre	Thesis title	Main thesis Advisor
7	Pål Egil Eriksen	M	Norwegian	Aerodynamics	2010-2016	Rotor wake turbulence	Per Åge Krogstad
8	Lars Frøyd	M	Norwegian	Structural Eng	2009-2012	Evaluationof the design criteria and dynamic forces on large floating wind turbines	Ole Gunnar Dahlhaug
9	Marit Irene Kvittem	F	Norwegian	Marine Eng	2009-2013	Life cycle criteria and optimization of floating structures and mooring systems	Torgeir Moan
10	Fahmi Mubarok	M	Indonesian	Materials Eng	2010-2014	Novel coating and surface treatment for improved wear resistance	Nuria Espallargas
11	Amir Rasekhi Nejad	M	Iranian	Mechanical Eng	2012-2015	Condition monitoring of the mechanical system of a windfarm	Torgeir Moan
12	Øyvind Netland	M	Norwegian	Robotics	2010-2014	Cost-effective monitoring for remote environmental friendly O&M of offshore wind turbines	Amund Skavhaug
13	Knut Nordanger	M	Norwegian	Mathematics	2010-2013	Coupled fluid-structure interaction simulation of offshore wind turbines	Trond Kvamsdal
14	Morten Dinhoff Pedersen	M	Norwegian	Control Eng	2010-2017	Design of control systems for load mitigation and stabilization of floating wind turbines	Tor Inge Fossen
15	Amir Hayati Soloot	M	Iranian	Electric Eng	2009-2017	Analysis of switching transients in wind parcs with focus on prevention of destructive effects	Hans Kristian Høydalen
16	Mostafa Valavi	M	Iranian	Electric Eng	2010-2014	Magnetic forces and vibrations in wind power generators	Arne Nysveen
17	Kai Wang	M	Chinese	Marine Eng	2010-2013	Comparative study of floating concepts	Torgeir Moan
18	Zhaoqiang Zhang	M	Chinese	Electric Eng	2010-2014	Novel generator concepts for low weight nacelles. Integrated design of generator and mechanical structure for a maintenance free system	Robert Nilssen

	Name	M/F	Nationality	Scientific area	Years/period in the centre	Thesis title	Main thesis Advisor
19	Daniel Zwick	M	German	Structural Eng	2009-2013	Design and production of offshore jacket structures	Michael Muskulus

PhD students with financial support from the centre budget who still are in the process of finishing studies

	Name	M/F	Nationality	Scientific area	Years in the centre	Thesis topic	Main thesis Advisor
1	Bardal, Lars	M	Norway	Aerodynamics	2012-2017	Design wind and sea loads for offshore wind turbines	Lars Sætran
2	Hameed, Zafar	M	Pakistan	O&M	2009-2015	Maintenance optimization of wind farms from design to operation (models, methods, framework)	Jørn Vatn
3	Luan, Chenyu	M	China	Marine Eng	2011-2017	Efficient stochastic dynamic response analysis for design of offshore wind turbines	Torgeir Moan
4	See, Phen Chiak	M	Malaysia	Electrical Eng	2012-2017	Development of market models incorporating offshore wind farms and offshore grids	Olav Bjarte Fosso
5	Siddiqui, Muhammad Salman	M	Pakistan	Aerodynamics	2015-2017	Stochastic Processes in Dynamic Stall Behavior in Turbulent Wind	Trond Kvamsdal
6	Van Buren, Eric	M	USA	Materials Eng	2009-2013	Bottom-fixed support structure for wind turbine in 30-70 m water depth	Michael Muskulus

PhD candidates who have completed with other financial support, but associated with the centre

	Name	Gender	Nationality	Scientific Area	Period	Topic
1	Aigner, Tobias	M	Germany	Electric Engineering	2008-2013	System impacts of large scale wind power
2	Arvesen, Anders	M	Norwegian	Social Economic aspects	2008-2012	Assessment of environmental benefits and costs of a large-scale introduction of wind energy

	Name	Gender	Nationality	Scientific Area	Period	Topic
3	Bachinsky, Erin	F	USA	Marine Engineering	2010-2014	Design and Dynamic Analysis of Tension Leg Platform Wind Turbines
4	Bartl, Jan	M	Germany	Aerodynamics	2013-2017	Wind Turbine Wake Interactions
5	Dai, Lijuan	F	China	Marine Engineering	2009-2013	RAMS engineering and management in the development and operation of offshore wind turbines
6	Dombre, Emmanuel	M	France	Marine Engineering	2012-2015	Hydrodynamic modelling and analysis of floating wind turbines
7	Dong, Wenbin	M	China	Structural Engineering	2008-2013	Time-domain fatigue response and reliability analysis of offshore wind turbines with emphasis on welded tubular joints and gear components
8	Endegnanew, Atsede	F	Etiopia	Electric Engineering	2014-2017	Stability Analysis of High Voltage Hybrid AC/DC Power Systems
9	Fuchs, Ida	F	German	Electric Engineering	2010 - 2014	Planning power transmission for wind power integration
10	Fuglseth, Thomas Pagaard	M	Norwegian	Electric Engineering	2005-2010	Control of Wind Energy Plants
11	Gjerde, Sverre	M	Norwegian	Electric Engineering	2009-2013	Integrated converter design with generator for weight reduction of offshore wind turbines
12	Gursu, Tasar	M	Turkish	Fluid Mechanics	2009-2012	Full Scale Measurements of Wind Conditions Relevant for Offshore Wind Turbines
13	Haileselassie, Temesgen	M	Ethiopian	Electric Engineering	2008 - 2012	Grid Connection of Deep Sea Wind Farms
14	Haiyan Long	F	Chinese	Structural Engineering	2007-2009	Towers for Offshore Wind Turbines
15	Hansen, Thomas Henrik Hertzfelder	M	Norway	Aerodynamics	2013-2016	Design and analysis of wind turbine rotor blades for offshore applications

	Name	Gender	Nationality	Scientific Area	Period	Topic
16	Hansen-Bauer, Øyvind Waage	M	Norway	Aerodynmaics	2013-2017	Investigation of the structure of turbulent wakes formed behind wind turbines
17	Heidenreich, Sara	F	Germany	Social Economic aspects	2010-2014	Public engagement in offshore wind energy
18	Holtsmark, Nathalie	F	Norway	Electric Engineering	2010-2014	Wind Energy Conversion using high frequency transformation and DC collection
19	Jafar, Muhammad	M	Pakistan	Electric Engineering	2008-2013	HVDC-transmission for offshore wind power from the generator tot the onshore grid
20	Karimirad, Madjid	M	Iranian	Marine Engineering	2007-2011	Structural Dynamic Response of Floating Wind Turbine
21	Langhamer, Olivia	F	Germany	Marine Engineering	2010-2013	Renewable offshore energy and the marine environment: biofouling and artificial reefs
22	Lijuan Dai	F	Chinese	Structural Engineering	2009-2013	RAMS engineering and management in the development and operation of offshore wind turbines
23	Liu, Bing	M	Chinese	Electrical Engineering	2008 - 2012	Offshore wind power electronics
24	Lubbad, Raed Khalil	M	Palestinian	Marine Engineering	2006-2010	Dynamic Response of Slender Offshore Structures
25	Mehdi, Shirani	M	Iranian	Materials Engineering	2007-2011	Probabilistic and defect tolerant fatigue assessment of wind turbine castings
26	Merz, Karl	M	American	Structural Engineering	2008-2011	Deep water offshore turbine structures
27	Mubarok, Fahmi	M	Indonesian	Materials Engineering	2010 - 2014	Novel coating and surface treatment for improved wear resistance (WP5)
28	Olguin, Raymundo Torres	M	Mexican	Electrical Engineering	2008 - 2012	Offshore Wind Farms Electrical System and grid Integration

	Name	Gender	Nationality	Scientific Area	Period	Topic
29	Olsen, Pål Keim	M	Norway	Electrical Engineering	2011-2014	Electrical Degradation phenomena in insulation materials exposed to combined DC and AC voltage
30	Ong, Muk Chen	M	Malaysia	Structural Engineering	2011-2013	Dynamic analysis of offshore monopile wind turbine including the effect of scour
31	Pierella, Fabio	M	Italy	Marine Engineering	2008-2013	Experimental Investiagion of wind turbine wakes and their interaction
32	Reiso, Marit	F	Norway	Structural Engineering	2009-2013	Design and analysis of downwind rotor for WT with jacket tower
33	Ruiz, Alejandro Garces	M	Colombian	Electrical Engineering	2008-2012	Electrical system for offshore wind parks: from the generator to the grid connection onshore
34	Røkenes, Kjersti	F	Norwegian	Fluid Dynamics	2005-2009	Micrometeorological influences on wind turbines
35	Sandquist, Fredrik	M	Austrian	Cybernetics	2006-2010	Individual Pitch Control of Large Scale wind turbines
36	Schafhirt, Sebastian	M	Germany	Structural Engineering	2013-2017	The modeling of support structure dynamics for offshore wind turbines
37	Slimacek, Vaclav	M	Czechia	Structural Engineering	2011-2015	Reliability analysis of offshore wind turbines/plants and their connection to Smart Grids
38	Steen, Markus	M	Norway	Economics	2010-2014	Commercialization of new technology and industrial development in new renewable energy - the case of offshore wind
39	Suja-Thauvin, Loup	A	France	Structural Engineering	2013-2016	Nonlinear sea loads on large mono piles (industry PhD candidate with Statkraft)
40	Tai, Vin Cent	C	Malaysia	Electrical Engineering	2012-2015	Offshore grids
41	Tu, Ying	F	China	Marine Engineering	2014-2018	Inverse modeling of wave slamming forces for offshore

	Name	Gender	Nationality	Scientific Area	Period	Topic
						wind turbine jacket substructures
42	Valibeiglou, Mahmoud	M	Iran	Operational Analysis	2008-2013	Area in Operation and Maintenance in online monitoring and use of online data for maintenance decision for offshore wind farms
43	Vrana, Til Kristian	M	German	Electrical Engineering	2009-2013	Development and Operation of the North Sea Super Grid
44	Øverås, Ingrid	F	Norway	Social Sciences	2005-2013	The nature politics of wind power

List of MSc degrees

2009

Jan Beerens (TU Delft)	M	Offshore hybrid wind-wave energy converter system
Quentin Meissonnier (ECN Nantes)	M	Hydrodynamic modelling and validation of TLP mooring systems for a floating wind turbine based spar platform
George Seamans (UCB Berkeley)	M	Fixed offshore wind turbine reliability
John Amund Karlsen	M	Performance calculations for a model turbine
Tom Håkon Holten	M	Yaw-effekter på vindturbiner
Pål Egil Eriksen	M	Structure of the wake behind a wind turbine
Eivind Sæta	M	Design of airfoil for downwind turbine rotor
Christopher Delprete	M	Wind profile effects on a wind turbine energy production
Helle Gjersum	F	Analyses of Floating Offshore Wind Turbines
Hans Kristian Lien	M	Evaluation of Lattic Tower Support Structures for Offshore Wind Turbines
Joakim Kvaale	M	Evaluation of Lattic Tower Support Structures for Offshore Wind Turbines
Jorge Martin Gallach	M	Dynamic analysis of a wind turbine with a tower in a non-metallic composite material.
Kjersti Balke Hveem	F	Vindturbintårn i kompositttmaterialer
Marianne Melling	F	Foundation Modelling and its Influence to the Dynamic Behaviour of Offshore Wind Turbines
Erlend Aasheim	M	Dynamic Response Analysis of Fixed Offshore Wind Turbines
Erik Rød	M	An Assessment of HAWC2's Capabilities for Modeling Jacket Structures, and a Comparison of Structures for a 5 MW Offshore Wind Turbine
Øyvind Rolland	M	An Assessment of HAWC2's Capabilities for Modeling Jacket Structures, and a Comparison of Structures for a 5 MW Offshore Wind Turbine

2010

Aina Crozier	F	Design of a 10 MW wind turbine
Dag Martin Frøystad	M	Norwegian hydropower and large scale wind production in the Northsea
Wei Gong	M	Design of transition element between tower top and nacelle on a wind turbine
Jon Guldsten	M	Influence on wind shear and turbulence in flow over obstacles
Maheshkumar Hadiya	M	Integration of offshore wind with offshore oil and gas platforms
Torbjørn Ruud Hagen	M	Measuring of wind field behind wind turbine tower and the effects on the rotor
Anders Kjetsaa	M	Offshore wind turbine substructures
Peng Li	M	Analysis and design of offshore jacket wind turbine
Kari Medby Loland	F	Wake behind yawed wind turbine
Øyvind Nygard	M	Study of wake behind tower
Stig Sund	M	Scaling characteristics of flow over bluff bodies
Lars J. Saaghus	M	Of offshore wind turbine substructures
Jørgen Tande	M	CFD analysis of a 10 MW wind turbine
Sigrid R. Vatne	F	Design of a 10 MW wind turbine
Camilla Volnes	F	Modelling of wind turbine

Yihan Xing	M	An inertia-capacitance beam substructure formulation based on bond graph terminology with applications to rotating beam and wind turbine rotor blade
Gaizka Zarraonandia	M	Influence on wind shear and turbulence in flow over obstacles

2011

Line Teigen Døssland	F	Corrosion protection
Anne Frehle	F	Corrosion protection
Yu Li	F	Dynamic Response Analysis of an Offshore Jacket Wind Turbine
Chenyu Luan	M	Dynamic Response Analysis of a Semi-Submersible Floating Turbine
Jon Erik Lønøy Lygren	M	Dynamic Response Analysis of a Tension-Leg Floating Wind Turbine
Erik Lønøy	M	Dynamic Response Analysis of a Tension-Leg Floating Wind Turbine
Thomas Solberg	M	Dynamic Response Analysis of a SPAR Type Floating Wind Turbine
Live Salvesen Fevåg	F	Influence of marine growth on support structure design for offshore wind turbines
Håvard Molde	M	Simulation-based optimization of lattice support structures for offshore wind energy
Stine Moen Al-Kasim	F	Livssyklusanalyse av offshore vindturbiner. Virkningen av å modellere gjennomsnittlige og væravhengige sviktrater
Maheshkumar Hadija	M	Case study of offshore wind farm integration to offshore oil and gas platforms as an isolated system – System Topologies, Steady State and Dynamic Aspects
Nahome Ayehunie	M	Multiphase Permanent Magnet Synchronous Generators for Offshore Wind Energy Systems
Kristin Bjerke	F	Control of Offshore Passive Platform System Voltage Frequency through Control of Onshore Back to Back Voltage Source Converters
Atle Rygg	M	Feasibility Studies on Integrating Offshore Wind Power with Oil Platforms
Karen-Christine Oehninger-Storvoll	F	Stress influence of offshore wind farms on the reproduction of the viviparous eelpout (Zoarces viviparous)
Peder Hesten	M	Scour around wind turbine foundations, marine pipelines and short cylinders due to long-crested and short-crested nonlinear random waves
Aina Crozier	F	Design and dynamic modeling of the support structure for a 10 MW offshore wind turbine
Jørgen Tande	M	CFD-analysis of a 10 offshore wind turbine
Hilde Evensen Liseth	F	Dynamic Modeling of Wind Turbine System
Sigrid Ringdalen Vatne	F	Design of 10 MW offshore wind turbine blades
Peter Kalsaas Fossum	M	Aeroelastic analysis of an offshore wind turbine
Hilde Evensen Liseth	F	10 MW Reference Wind Turbine (Generator design)
Ebbe Smith	M	Nacelle and main shaft design for the 10 MW Reference Wind Turbine
Mohammad Akram Khan	M	Hub design for the 10 MW Reference Wind Turbine
Tor Mæhlum Karlsen	M	Remote Presence for Offshore Wind Turbines
Jeremias Moragues Pons	M	Practical Experiments on the Efficiency Of the Remote Presence
Line Bergfjord	F	Wind in the North Sea. Effects of offshore grid design on power system operation
Mario Mesquita	M	Eddy current loss calculation

2012

Name	Gender	Topic
Abildgaard, Elisabeth Nøkleby	F	Exploring the properties of a modular multilevel converter based HVDC link with focus on voltage capability, power system relations, and control system
Aksønov, Sergei	M	Embedded Control of a Wind Turbine Based on Model Driven Development
Andersen, Camilla Eikeland	F	Numerical simulation for installation of offshore monopile wind turbines
Azurmendi, Inigo	M	Instrumentation for measuring wind conditions relevant for wind power
Bastiko, Arya Priambodo	M	Mechanical properties of coatings for offshore wind turbines
Berntsen, Eivind	M	Development of a Predictive Display Interface to assist control of a Robot Arm in a Telepresence System
Berre, Tommy Skjeldnes	M	Wind turbine emulator for power conversion and grid connection studies
Briatore, Marco	M	Validation of the CFD TAU DLR CODE for Large and Small Scales Wind Turbines
Cheynet, Étienne	M	Wear properties of polymeric coatings for wind turbine blades, Master Thesis (ENSCI, France)
Eide, Arne Olav	M	Fatigue of Unbalanced hybrid composites
Fossum, Peter Kalsaas	M	Aeroelastic analysis of an offshore wind turbine: Design and fatigue performance of large utility-scale wind turbine blades
Gundegjerde, Christian	M	Vessel fleet size and mix for maintenance operations of offshore wind farms
Halvorsen, Ina Blomseth	F	Vessel fleet size and mix for maintenance operations of offshore wind farms
Husby, Marte Asbøll	F	Integrasjon av vindkraft i regionalnett med begrenset overføringskapasitet
Keppler, Robert Max	M	Operation and Maintenance Cost Modelling for Offshore Wind Farms
Mesquita, Mario	M	Winding losses calculation
Molde, Håvard	M	Simulation-based optimization of lattice support structures for offshore wind energy
Moy, Inge	M	Parameter Sensitivity of Short-term Damage of Spar-type Wind Turbine Tower
Moy, Ørjan Fredheim	M	Fatigue Analysis of Column-Brace Connection in a Semi-submersible Wind turbine
Nes, R.N.	M	Life cycle assessment of an offshore electricity grid interconnecting Northern Euope
Nes, Rasmus Nikolai	M	Life cycle assessment of an offshore electricity grid interconnecting Northern Europe
Nyhus, Toril	F	Effect of marine environment on the tribology performance of materials used in rotating parts of offshore wind turbines
Pons, Jeremias Moragues	M	Practical Experiments on the Efficiency of the Remote Presence
Sachithanathamoorthy, Kumaravalavan	M	Design and analysis of tension leg anchor systems for floating wind mills

Name	Gender	Topic
Salvesen, Lise Fevåg	F	Influence of marine growth on support structure design for offshore wind turbines
Schumann, Heiner	M	An Experimental Investigation of Turbine Wakes in Wind Farms
Smith, Ebbe Berge	M	Design av nacelle for en 10 MW vindturbin
Tiwari, Raghbendra	M	Application of AC Superconducting Windings in Large PM Synchronous Generators for Wind Power
Tyrhaug, Magnus	M	Coatings and modelling leading edge erosion of wind turbine blades

2013

Name	Gender	Topic
Aase, Anne Guri	F	A new approach towards comparing environmental impacts from small-scale hydropower, large-scale hydropower and wind power
Andresen, Birgitte	F	Wake behind a wind turbine operating in yaw
Bjørnland, Karl Hermann Mathias	M	Wind-induced Dynamic Response of High Rise Buildings
Brandal, Andre	M	Optimal Operation of Wind Farms
Gilje, Kristian Malde	M	Airborne Wind Turbines for Ship Propulsion
Gressetvold, Marit	F	Identifying Conservative Criteria for (environmental) Assessments of Vulnerability;: Seabirds and Offshore Wind Farms as a Case Study
Hagen, Brede Andre Larsen	M	Sensitivity Analysis of O&M Costs for Offshore Wind Farms
Kirkeby, Henrik	M	Control of VSC During Unsymmetrical AC Faults in Offshore Wind Farms
Kjørlaug, Remi André	M	Seismic Response of Wind Turbines: Dynamic Analysis of a Wind Turbine in Horizontal and Vertical Direction - Subject to Earthquake, Wind & SSI
Kolstad, Magne Lorentzen	M	Integrating Offshore Wind Power and Multiple Oil and Gas Platforms to the Onshore Power Grid using VSC-HVDC Technology
Lunde, Knut-Ola Gjervold	M	Hydrodynamic analysis and structural design of the Concrete Star Wind Floater
Lynum, Susanne	F	Wind turbine wake meandering
Meisingset, Kristine Kiplesund	F	Influence of Offshore Wind Farm on Shore CrabCarcinus maenas Population Dynamics
Mikkelsen, Kristine	F	Effect of free stream turbulence on wind turbine performance
Navaratnam, Christy Ushanth	F	Wave slamming forces on truss structures for wind turbines
Neuenkirchen Godø, Sjur	M	Dynamic Response of Floating Wind Turbines
Nielsen, Magnus Sand	M	Monte Carlo Simulation of Power Systems with Wind Power
Oehninger-Storvoll, Karen-Christine	F	Stress influence of offshore wind farms on the reproduction of the viviparous eelpout (Zoarces viviparus)
Rosenlund, Even	M	Nonlinear Hydrodynamic Effects for Bottom-Fixed Wind Turbines
Rosenlund, Gjert Hovland	M	Optimal Production Balance with Wind Power

Solberg, Mikkel	M	MPC of Variable Speed Wind Turbines
Vefsnmo, Hanne Merete	F	Determining the Optimal Vessel Fleet for Maintenance of Offshore Wind Farms
Veila, Siri	F	Impacts of Interconnecting the Wind Farm Projects within the Dogger Bank Zone: A Technical-Economical Evaluation of the Impact of Increased Wind Farm Connection Reliability
Zhang, Rui	M	Comparative Study On Dynamic Responses of a Semi-submersible Wind Turbine Using a Simplified Aerodynamic Model and a BEM Model

2014

Name	Gender	Topic
Barcena Pasamontes, L.	F	Topology optimization of jacket support structures with genetic algorithm.
Gomez Torres, F.	M	Topology optimization of jacket support structures with genetic algorithm.
Bense, M. P.	M	Comparison of Numerical Simulation and Model Test for Integrated Installation of GBS Wind Turbine.
Brauer, S. A.	M	Damage Identification of an Offshore Wind Turbine Jacket Support Structure.
Bredesen, K. O.	M	Design of Nacelle and Yaw Bearing for NOWITECH 10 MW Reference Turbine.
Brodtkorb, A. H.	F	Dynamic Positioning in Extreme Sea States: Improving Operability Using Hybrid Design Methods
Chen, J.	M	Non-linear Wave Loads on Offshore Wind Support Structure.
Christensen, E.	M	Multidisciplinary design analysis and optimization of support structures for offshore wind turbines.
Cook, T. W.	M	Buckling of Cylindrical Shells with a Granular Core Under Global Bending: Strength Gains and Imperfection Sensitivity.
Dekker, M. J.	M	The Modelling of Suction Caisson Foundations for Multi-Footed Structures.
Hembre, J. M.	M	Stochastic Analysis of an Offshore Wind Turbine Using a Simplified Dynamic Model.
Jerkø, A.	M	Reactive Power and Voltage Control of Offshore Wind Farms
Laks, A.	F	Mooring system design for floating wind turbines.
Lome, I. B.	F	Validation of a Combined Wind and Wave Power Installation.
Martens, J. H.	M	Topology Optimization of a Jacket for an Offshore Wind Turbine: by Utilization of Genetic Algorithm.
Midthaug, A. H.	M	Nonlinear Wave Loads on Offshore Wind Turbines in Storm Condition.
Paulshus, O.	M	Critical Assessment of Non-linear Wave Loads in the Design of Offshore Wind Turbines.
Pedersen, H. B.	M	Investigation and implementation of turbulent wind in a specialized software tool for offshore wind turbines
Rausa Heredia, I. E.	M	Characterization of wave slamming forces for a truss structure within the framework of the WaveSlam project.
Skaar, V.	M	Optimization of routing and scheduling for performing maintenance at offshore wind farms
Stettner, O	M	Numerical simulation for installation of jacket foundation of offshore wind turbines

Straume, J. G.	M	Dynamic buckling of marine structures
Syed, J. A	M	Simplified dynamics of offshore structures.
Taffese, A. A.	M	Multilevel Converters for Offshore Wind Systems: A Comparative Study.
Thomassen, O. S.	M	Sensitivity Analysis of large Rotor Diameter on Offshore Wind Turbines with Suction Foundation.
Trøen, T. L.	F	Fatigue Loads on Large Diameter Monopile Foundations of Offshore Wind Turbines
Tvare, O.	M	Fatigue Analysis of Column-Pontoon Connection in a Semi-submersible Floating Wind Turbine.
Xing, Z.	M	Response and Structural Analysis of a Flap-type Wave Energy Converter in a Combined Wind and Wave Concept.

2015

Name	Gender	Topic
Visser, N.	M	Experimental set-up of the Double Slip Joint.
Nous, R.J.M.	M	A Dynamic Approach to Evaluating the Effect of Slamming on a Jacket Foundation Template Lowered Through the Wave Zone.
Centen, I.H.	F	Predicting scour around offshore wind turbines using soft computing techniques.
Smilden, E.	M	Preventing Tower resonance Induced by Thrust Variations on a Large 10 MW Wind Turbine.
Golieva, A.	F	Low Short-Circuit Ratio Connection of Wind Power Plants.
Voortman, R.L.B.	M	State-of-the-art design methods for wind turbine towers.
Khentalov, V.A.	M	New end fitting based on bolted joints with composite structures.
Kolparambath, S.K.	M	DC/DV Converters for Multi-terminal HVDC system for Integrating Offshore Wind Farms.
Paust, H.S.	M	Finite Element Modeling and Structural State Estimation of a Bottom Fixed Offshore Wind Turbine.
Vittori, F.E.	M	Design and Analysis of Semi-Submersible Floating Wind Turbines with focus on Structural Response Reduction.
Dondero, D.	M	Time-domain Global Response Analysis of a Novel 5 MW Semi-Submersible Wind Turbine Considering the Effect of second-order Wave Loads
Hartviksen, H.	M	Application of Scaling Laws for Direct Drive Permanent Magnet Generators in Wind Turbines.
Dharmawardena, H.I.	M	Modelling Wind Farm with Frequency response for Power System Dynamic Studies
Høivik, Ø.	M	Flexible distribution network.
Lu, Shining	F	DC Cable Short Circuit Fault protection in VSC-MTDC.
Llado, M.G.	M	Structural Reliability Analysis and Robust Design of Offshore Wind Turbine Support Structures.
Trygsland, E.	M	Numerical Study of Seabed Boundary Layer Flow around Monopile and Gravity-based Wind Turbine Foundations.
Eliassen, J.C.	M	Winding and Testing of Superconducting Coils.

Borenius, R.	M	Kombinert vind- og bølgekraft.
Nesje, B.	F	The need for Inertia in the Nordic Power System.
Melaaen, C.S.	M	The impact of outages on the profitability of HVDC –cables between the Nordic area and the continent using the EMPS model.
Valaker, E.A.	M	Droplet Erosion Protection Coatings for Offshore Wind Turbine Blades.
Raknes, N.T., Ødeskaug, K.	F	Optimal Scheduling of Maintenance Tasks and Routing of a Joint Vessel Fleet for Multiple Offshore Wind Farms.
Smelvær, I.S.	F	Analysis of the Norwegian-Swedish Market for Green Certificates Using the EMPS Model.
Venås, C.	M	Life cycle assessment of electric power generation by wind turbines containing rare earth magnets.
Frimann-Dahl, J.F.	M	Experimental Validation and Design Review of Wave Loads on Large-Diameter Monopiles.
Ødegård, J.N.	M	Laboratory Demonstration of Frequency Support Provision from VSC-HVDC-connected Full Converter Wind Turbines.
Xu, Kun	M	Design and Analysis of Mooring System for Semi-Submersible Floating Wind Turbines in Shallow Water.
Bjørnsen, G.S.	M	A Comparison of methods for Estimation of Fatigue and extreme Mooring response for a Floating Spar Wind Turbine.
Løken, T.K.	M	Energy Systems on Autonomous Offshore Measurement Stations.
Grøtting, H.	M	Small Water Plane Area Solutions for Access of Offshore Wind Turbines.
Krathe, V.L.	F	Aero-Hydro Dynamic Analysis of Offshore Wind Turbine.
Sande, E.S.	M.	Fatigue Assessment of Offshore Wind Turbine Support Structures with the Frequency Domain Method.
Ommedal, H.K.H.	F	Cost of flexibility in the future European power system.
Overgård, I.E.	F	Reliability-based Design of a Monopile Foundation for Offshore Wind Turbines based on CPT Data.
Grønningsæter, E.K.	M	Tidal Boundary Layer Flow in Coastal Zones.
Johannesen, S.	F	Portfolio Optimization of Wind Power Projects.
Ghidey, Hiruy	M	Reliability-based design optimization with Cross-Entropy method.
Saccoman, M.Y.J.	F	Coupled Analysis of a Spar Floating Wind Turbine considering both Ice and Aerodynamic Loads.
Ziegler, L.S.	F	Probabilistic estimation of fatigue loads on monopole-based offshore wind turbines.
Fechner, S.	M	Preprosessering av meteorologiske data for atmosfæriske teoretiske/numeriske modeller.
Bakkom, O.E.	M	Computer-aided optimization of an offshore jacket for a wind turbine with a simplified load model.
Hetland, J.	M	Numerical Modelling of a Pile Model test with Focus on Small-strain Stiffness.
Bidne, A.	M	Formal Safety Assessment of Dynamically Positioned Vessels.
Wiklak, P.A.	M	Parameter study of power production in wind farms – experimental investigation of interaction of two wind turbines in tandem array.

Aanonli, A.K.	F	Floating Wind Turbines in Oil and Gas Activity.
Ceccotti, C.	F	Parameter study of electric power production in wind farms.
Spiga, A.	M	Parameter study of electric power production in wind farms.

2016

Name	Gender	Topic
Ai, Peng	M	Design and Hydrodynamic Analysis of a Semi-submersible with Two 5WM Wind Turbines
Birkeland, Fride Midtbø	F	Numerical Simulation of Installation of XL Monopile for Offshore WindTurbines
Bjørnsgaard, Jenny Marie	F	Study of wind turbine wake aerodynamics through the application of motion tracking techniques
Bøhn, Alexandra	F	Fatigue loads on large diameter offshore wind monopile foundations in non-operational situations
Deng, Shi	M	Numerical simulations for lift-off operation of an offshore wind turbine monopile
Esquinas Herrera	M	Wind farm performance - Power Analysis of a wind turbine
Gallala, Marius Rise	M	Surrogatbasert optimering ved bruk av kunstige nevrale nettverk - Identifikasjon av lønnsomme O&M strategier for offshore vindfarmer gjennom stokastiske simuleringer
Gitmark, John Magne	M	Wind Farm Control Methods - Yawing
Granås, Jonas Løken	M	Undrained Lateral Soil Response of Offshore Monopiles in Layered Soil
Gustavsen, Vigdis Andrea	F	Optimum Configuration of the Dogger Bank Reference Wind Farm Grid with Consideration for Reliability
Hammerstad, Benedicte Hexeberg	F	Sensitivities in fatigue analysis of offshore wind turbine support structures
Hole, Andreas Nyhagen	M	A Slim Wind Turbine Concept with Low Frequency AC Connection
Islam, Md Touhidul	M	Design, Numerical Modelling and Analysis of a Semi-Submersible Floater Supporting the DTU 10MW Wind Turbine.
Joshi, Manu; Bolstad, Kamilla Hamre	M+F	Heuristics for a Dual-Level Stochastic Fleet Size and Mix Problem for Maintenance Operations at Offshore Wind Farms
Kiyuga, Nyorobi Busanda	M	Field Development Study of an Offshore Gas Asset in Tanzania using Reservoir and Surface Network Simulations - Case Study: Block 2 OffshoreTanzania
Koppenol, Boy Solo	M	Dynamic Analysis of a Floating Vertical Axis Wind Turbine using the Actuator Cylinder Flow Theory - Comparative study on a land-based versus spar vertical axis wind turbine concept and a code-to-code comparison
Leimeister, Mareike	F	Rational Upscaling and Modelling of a Semi-Submersible Floating OffshoreWind Turbine
Lie, Bjørnar Berge	M	Estimation of Design Snow Loads on Offshore Structures in the Barents Sea
Liu, Haobin	M	Stress analysis of the structural interface between the spar and the torus in the combined wind and wave energy concept STC
Malik, Mohibb Ghani	M	Hydrodynamic Modelling Effects on Fatigue Calculations for Monopile Offshore Wind Turbines
Marjan, Ali	M	Wind farm performance

Mathisen, Eivind Risan	M	Application of Virtual Synchronous Machines for Integration of Offshore WindTurbines into the Power System of Offshore Oil and Gas Platforms
Mikkelsen, Andreas Jebsen; Kirkeby, Odin	M+M	Optimizing Jack-up Vessel Chartering Strategies for Offshore Wind Farms
Paulsen, Morten Ellingsen	M	Assembly and Testing of Superconducting Field Winding
Radhakrishnan, Krishna	M	Passive Filter Design and Optimisation for Harmonic Mitigation in Wind Power Plants
Riste, Kristine Bøyum	F	Development of a Frequency-domain Model for Dynamic Analysis of the Floating Wind Turbine Concept - WindFloat
Rolfseng, Jon Henning	M	Analysis of Accelerometric Datasets for Wind Turbine Monitoring
Rysst, Lars	M	Løsninger for offshore flytende produksjonsinnretninger med minimal bemanning
Salen, Stian Røyset	M	Salen, Stian Røyset
Slettahjell, Mari	F	Fatigue loads on large diameter offshore wind monopile foundations in non-operational situations
Svendsen, Kristian Fren	M	Structural Design and Dynamic Analysis of a Tension Leg Platform WindTurbine, Considering Elasticity in the Hull
Tangen, Helene	F	Wind Farm Layout Optimization using Population Distributed Genetic Algorithms
Tian, Xiaoshuang	M	Design, Numerical Modelling and Analysis of TLP Floater Supporting the DTU 10MW Wind Turbine
Tsigkris, Efstathios	M	Dynamic Response Analysis of a Spar Floating Wind Turbine in Level Ice with Varying Thickness
Velarde, Joey	M	Design of Monopile Foundations to Support the DTU 10 MW Offshore WindTurbine
Waje-Andreassen, Henrik	M	Waje-Andreassen, Henrik
Xu, Dapeng	M	Numerical modelling and simulations for lowering of an offshore wind turbine tripod
Xu, Tian	M	Intelligent Library of Offshore Vessel Equipment - From Mission Requirements to A Virtual Arrangement.
Xue, Wenfei	F	Design, numerical modelling and analysis of a spar floater supporting the DTU 10MW wind turbine

2017

Xyloudis, Nikolaos	M	Gradient-based Optimization of Jacket Support Structure for Offshore Wind Turbines with the Local Approach
Bontekoning, Marthijn Peter Cornelis	M	Gradient-based Optimization of Jacket Support Structure for Offshore Wind Turbines with the Local Approach
Larrañaga Arregui, Amaia	M	Cost benefit analysis of different offshore grid topologies in the North
Heggem, Hans Erik	M	Autonomous Wind Blade Inspection
Shi, Qian		Model-based Detection for Ice on Wind Turbine Blades
McGill, Ryan Allen	M	Innovative power system event-detection and synchronous plant emulation technique for large wind power plant
Haukaas, Inga	F	Hybrid HVDC Transmission for Large-Scale Offshore Wind Integration - Model-Based Control Design and Performance Assessment
Siddique, Muhammad Abu Zafar	M	Design and analysis of a semi-submersible vertical axis wind turbine

Edy, Aurelien Lorenzo	M	Time domain simulations of wind turbine blade installation using a floating installation vessel
Opedal, Jonas Frium	M	Electrical Grid Study of Using Offshore Wind Power for Oil & Gas Offshore Installations
Hellesnes, Marta Naasen	F	Use of Battery Energy Storage for Power Balancing in a Large-Scale HVDC Connected Wind Power Plant
Løken, Ingrid Bye	F	Dynamic Response and Fatigue of Offshore Wind Turbines - Effect of Foundation Type and Modelling Method Using Software FAST
Gjesdal, Erik Lie	M	Study of wind turbine wake aerodynamics through vortex flow visualization
Polster, Marian Felix	F	Comprehensive comparison of analytical wind turbine wake models with wind tunnel measurements and wake model application on performance modelling of a downstream turbine
Göing, Jan Michael	M	Detached Eddy Simulation of the wake flow behind a model wind turbine
Garcia Salgado, Luis	M	Experiments in the wind turbine far wake for the evaluation of analytical wake models
Vatn, Mari Grønning	F	An Experimental Study on the Wake Development Behind a Yawed Model Wind Turbine
Eiken, Odd	M	Fatigue damage in an offshore wind turbine using probability density evolution
Sævdal, Kjell Inge	M	Monopile foundations - Effect of scour protection on eigenfrequency of offshore wind turbines
Tormo Soler,	M	AEP based on rotor equivalent wind speed measured from a floating LiDAR
Vartdal, Johanne Tomine	F	An Investigation of Offshore Wind Installation Strategies - A Discrete-Event Simulation Model Used to Investigate Installation Vessel Operability
Berge, Pål Mongstad	M	Power System Operation on Oil and Gas Installations with Integration of Offshore Wind
Vetvik, Idun	F	Hywind Powering Utsira - A reliability study of offshore wind connected to multiple oil and gas platforms
Mendoza Espinosa, Jorge	M	Evaluation of the Fatigue Resistance of Offshore Jacket Joints by Numerical Approaches
Rhomberg, Matthieu Benoit	M	Optimizing the Structural Lifetime of Monopile-based Offshore Wind Turbines with Genetic Algorithms: Is it worth planning for Lifetime Extension?
Bernhard, Prabhu	M	An Innovative method for the installation of Offshore Wind Turbines
Moslått, Lars-Erik	M	Experimental Determination of Losses in MgB2 Superconductors for Wind Turbine Applications
Olsen, Karianne; Tho, Martin Fauske; Ornum, Linn	F, F, F	Entry into Emerging Industries - How should Norwegian companies enter the emerging offshore wind industry?
Hovd, Nina Sakshaug; Sitek, Thea Marie	F, F, F	A qualitative study of Norwegian firms diversifying into the emerging offshore wind industry
Siljan, Oda Marie; Hansen, Kristine	F, F	Optimizing the Vessel Fleet Used to Install an Offshore Wind Farm

PERSONNEL AND INFRASTRUCTURES

Board Members 2009 – 2017

2017

- NTNU: Olav B. Fosso (chairman)
- CD-adapco: Sven Enger
- DNV GL: Marte de Picciotto/Torbjørn Mannsåker
- Fugro OCEANOR: Frode Berge
- IFE: Roy Stenbro
- Kongsberg Maritime: Oddbjørn Malmo/Eirik Skare
- Norsk Automatisering: Amund Skavhaug,
- Statkraft Development AS: Eivind Sønju
- SAP / Fedem Technology AS: Daniel Zwick
- SINTEF Energi AS: Knut Samdal
- Statoil Petroleum AS: Gudmund Per Olsen

2016

- NTNU: Olav B. Fosso (chairman)
- CD Adapco: Sven Enger
- DNV GL: Marte Riiber de Piciotto
- Fedem Technology: Daniel Zwick
- Fugro OCEANOR: Frode Berge
- IFE: Martin Kirkengen/Roy Stenbro
- Kongsberg Maritime: Oddbjørn Malmo
- Norsk Automatisering: Amund Skavhaug
- SINTEF Energi AS: Knut Samdal
- Statkraft: Eivind Sønju,
- Statoil Petroleum AS: Gudmund Per Olsen

2015

- NTNU: Olav B. Fosso (chairman),
- DNV GL: Johan Sandberg
- Fedem Technology: Daniel Zwick
- IFE: Martin Kirkengen
- Kongsberg Maritime: Oddbjørn Malmo
- SINTEF Energi AS: Knut Samdal
- Statkraft: Jørgen Krokstad
- Statoil Petroleum AS: Gudmund Per Olsen

2014

- SINTEF Energi: Knut Samdal (chairman)
- DNV GL: Johan Sandberg
- Dong Energy: Jørn Scharling Holm
- EDF R&D: Jean Benoit-Ritz
- Fedem Technology AS: Svein Gjølmesli
- IFE: Martin Kirkengen
- NTNU: Olav B. Fosso
- Statkraft: Jørgen Krokstad
- Statnett: Lars Kristian Vormedal
- Statoil Petroleum AS: Gudmund Per Olsen

2013

- SINTEF Energi AS: Knut Samdal (chairman)
- DNV GL: Johan Sandberg
- Dong Energy: Jørn Scharling Holm
- EDF R&D: Jean Benoit-Ritz
- Fedem Technology: Svein Gjølmesli
- IFE: Martin Kirkengen
- NTE: Håvard Belbo
- NTNU: Olav B. Fosso
- SmartMotor: Sigurd Øvrebø
- Statkraft: Jørgen Krokstad
- Statnett: Lars Vormedal
- Statoil Petroleum AS: Gudmund Per Olsen

2012

- SINTEF Energi AS: Knut Samdal (chairman)
- DNV GL: Kjell Eriksson
- Dong Energy: Jørn Scharling Holm
- EDF R&D: Jean Benoit-Ritz
- GE Wind Energy: Martin Degen
- IFE: Martin Kirkengen
- NTNU: Olav B. Fosso
- SmartMotor: Sigurd Øvrebø
- Statkraft: Jørgen Krokstad
- Statnett: Lars Vormedal
- Statoil Petroleum AS: Gudmund Per Olsen
- Vestas Wind Systems AS: Jens Jakob Wedel-Heinen
- Vestavind Offshore: Dag T. Breistein

2011

- SINTEF Energi AS: Sverre Aam (chairman)

- DNV GL: Kjell Eriksson
- Dong Energy: Jørn Scharling Holm
- EDF R&D: Jean Benoit-Ritz
- Fugro OCEANOR: Frode Berge
- GE Wind Energy: Martin Degen
- IFE: Per Finden
- NTNU: Johan Hustad
- Statkraft: Jørgen Krokstad
- Statoil Petroleum AS: Gudmund Per Olsen
- Vestas Wind Systems AS: Jens Jakob Wedel-Heinen
- Vestavind Offshore: Dag T. Breistein

2010:

- SINTEF Energi AS: Sverre Aam (chairman)
- Aker Solutions AS: Nina Udnes Tronstad
- DNV AS: Kjell Eriksson
- Fugro Oceanor: Frode Berge
- IFE: Per Finden
- NTE Holding AS: Ove Sotberg
- NTNU. Johan Hustad
- Statkraft Development AS: Øyvind Kristiansen
- Statoil Petroleum ASA: Gudmund Per Olsen
- Vestas Wind Power AS: Bo Rohde Jensen

2009

- SINTEF Energi AS: Sverre Aam (chairman)
- Aker Solutions AS: Nina Udnes Tronstad
- DNV AS: Kjell Eriksson
- Fugro Oceanor AS: Inger Marie Malvik
- IFE: Per Finden
- NTE Holding AS: Ove Sotberg
- NTNU: Johan Hustad
- Statkraft Development AS: Øyvind Kristiansen
- Statoil Petroleum ASA: Jørn Paus
- Vestas Wind Power AS: Bo Rohde Jensen
- Vestavind Kraft AS: Edgar Kvernevik

General Assembly 2009 - 2017

2016 og 2017:

- SINTEF Energi AS (Host Institution): Knut Samdal
- CD-adapco: Sven Enger
- DNV GL: No representative present
- DONG Energy AS: No representative present
- Fedem Technology AS: Daniel Zwick
- Fugro Oceanor AS: No representative present
- IFE: Roy Stenbro
- Kongsberg Maritime: Oddbjørn Malmo
- MARINTEK AS: Bård Wathne Tveiten
- Norsk Automatisering AS: Amund Skavhaug
- NTNU: Olav B. Fosso
- Statkraft Development AS: No representative present
- Statoil Petroleum AS: Gudmund Per Olsen
- Stiftelsen SINTEF: No representative present

2015:

- SINTEF Energi AS (Host Institution): Knut Samdal
- CD-adapco: Sven Enger
- DNV GL: Marte de Picciotto (deputy for Johan Sandberg)
- DONG Energy AS: No representative present
- Fedem Technology AS: Daniel Zwick
- Fugro Oceanor AS: Frode Berge
- IFE: Martin Kirkengen
- Kongsberg Maritime: Oddbjørn Malmo
- MARINTEK AS: Petter Andreas Berthelsen
- Norsk Automatisering AS: Amund Skavhaug
- NTNU: Olav B. Fosso
- Smartmotor: No represenative present
- Statkraft Development AS: Anne Marie Seterlund (deputy for Jørgen Krokstad)
- Statoil Petroleum AS: Gudmund Per Olsen
- Stiftelsen SINTEF: Bård Wathne Tveiten

2014:

- SINTEF Energi AS: Knut Samdal (Host institution)
- CD Adapco: No representative present
- DNV GL: No representative present
- DONG Energy Power AS: Jørn S. Holm
- EDF: No representative present
- Fedem Technology AS: Arnulf Hagen

- IFE: Martin Kirkengen
- Kongsberg Maritime: Oddbjørn Malmo
- MARINTEK: Øyvind Hellan
- NTNU: Trond Kvamsdal (deputy for Olav Fosso)
- Stiftelsen SINTEF Arne Morten Kvarving (deputy for Trond R.Hagen)
- SmartMotor: No representative present
- Statkraft Development AS: Jørgen Krokstad
- Statnett: No representative present
- Statoil: Gudmund Per Olsen

2013:

- SINTEF Energi AS: Knut Samdal (Host institution)
- CD Adapco: No representative present
- DNV AS: Johan Sandberg
- DONG Energy Power AS: Jørn S. Holm
- EDF R&D: Vincent De Laleu (deputy for Jean-Benoit Ritz)
- Fedem Technology AS: No representative present
- IFE: Martin Kirkengen
- Kongsberg Maritime: Oddbjørn Malmo
- MARINTEK: Øyvind Hellan
- NTE Holding AS: No representative present
- NTNU: Michael Muskulus (deputy for Olav Fosso)
- SmartMotor: Alexey Matveev (deputy for Sigurd Øvrebø)
- Statkraft Development AS: Jørgen Krokstad
- Statnett: Lars Kristian Vormedal
- Statoil Petroleum AS: Gudmund Per Olsen
- Stiftelsen SINTEF: No representative present

2012:

- SINTEF Energi AS (Host Institution)
- Det Norske Veritas AS: Kjell Olav Skjølsvik
- DONG Energy Power AS: Jørn S. Holm
- EDF R&D: Vincent De Laleu (deputy for Jean-Benoit Ritz)
- Fedem Technology AS: Leiv Låte
- Fugro OCEANOR AS: No representative present
- GE Wind Energy (Norway) AS: Authorisation
- Institute for Energy Technology (IFE): Martin Kirkengen
- Kværner Verdal AS (former Aker Solutions AS): No representative present
- MARINTEK AS: Øyvind Hellan
- NTE Holding AS: No representative present
- NTNU: Olav B.Fosso
- SmartMotor AS: No representative present
- Statkraft Development AS: Jørgen Krokstad

- Statnett SF: No representative present
- Statoil Petroleum AS: Gudmund per Olsen
- Stiftelsen SINTEF: Authorisation
- Vestas Wind System AS: Authorisation
- Vestavind Offshore AS: No representative present

2011:

- SINTEF Energi AS (Host Institution): Sverre Aam
- Det Norske Veritas AS: Kjell Eriksson
- Devold AMT AS: Norman Heggtveit
- DONG Energy Power AS: Jørn S. Holm
- EDF R&D: No representative present
- Fedem Technology AS: No representative present
- Fugro OCEANOR AS: No representative present
- GE Wind Energy (Norway) AS: Martin Degen
- Institute for Energy Technology (IFE): Per Finden
- Kværner Verdal AS (former Aker Solutions AS): No representative present
- Lyse Produksjon AS: No representative present
- MARINTEK AS: Ole David Økland
- Norges Teknisk-Naturvitenskapelige Universitet (NTNU): No representative present
- NTE Holding AS: No representative present
- SmartMotor AS: No representative present
- Statkraft Development AS: Jørgen Krokstad
- Statnett SF: Terje Gjengedal
- Statoil Petroleum AS: Gudmund Per Olsen
- Stiftelsen SINTEF: No representative present
- Vestas Wind Systems AS: Jens Jakob Wedel-Heinen
- Vestavind Offshore AS: Dag Breistein

2010:

- SINTEF Energi AS (Host Institution): Sverre Aam
- Aker Solutions AS: No representative present
- Det Norske Veritas AS: Kjell Eriksson
- Devold AMT AS: No representative present
- DONG Energy Power AS: Jørn S. Holm
- EDF R&D: Pierre Pramayon
- Fugro OCEANOR AS: No representative present
- GE Wind Energy (Norway) AS: No representative present
- Institute for Energy Technology (IFE): Per Finden
- Lyse Produksjon AS: Pia Weider
- MARINTEK AS: Petter Andreas Berthelsen
- Norges Teknisk-Naturvitenskapelige Universitet (NTNU): Jan Onarheim
- NTE Holding AS: Trine Svendsen

- SmartMotor AS: No representative present
- Statkraft Development AS: Øyvind Kristiansen
- Statnett SF: Terje Gjengedal
- Statoil Petroleum AS: Gudmund Per Olsen
- Stiftelsen SINTEF: Bård Wathne Tveiten
- Trønder Energi Kraft AS: Inger Marie Malvik
- Vestas Wind Systems AS: Bo Rohde Jensen
- Vestavind Kraft AS: No representative present

2009

- SINTEF Energiforskning AS (Host Institution): Sverre Aam
- Norges Teknisk-Naturvitenskapelige Universitet (NTNU): Jan Onarheim
- MARINTEK AS: Atle Minsaas
- Stiftelsen SINTEF: Bård Wathne Tveiten
- Institute for Energy Technology (IFE): Per Finden
- Aker Solutions AS: Nina Udnes Tronstad
- DNV AS: Kjell Eriksson
- Devold AMT AS: No representative present
- DONG Energy Power AS: Jørn S. Holm
- Fugro OCEANOR AS: Inger Marie Malvik
- Lyse Produksjon AS: Øyvind Huglen (deputy for Pia Weider)
- NTE Holding AS: Ove Sotberg
- ScanWind Group AS: No representative present
- SmartMotor AS: No representative present
- Statkraft Development AS: Øyvind Kristiansen
- Statnett SF: Berit Skyberg
- StatoilHydro ASA: Jørn Paus
- Trønder Energi Kraft AS: Arnt Inge Sætern
- Vestas Wind Systems AS: Bo Rohde Jensen
- Vestavind Kraft AS: Edgar Kvernevik

Centre Management Group 2009 – 2017

2017:

- SINTEF Energi AS: John Olav Tande (Centre director), Hans Christian Bolstad (Centre manager),
- Karl Merz, Thomas Welte, Harald Svendsen, Randi Aukan
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan
- SINTEF Ocean: Ole D. Økland
- Stiftelsen SINTEF: Jens K. Jørgensen
- IFE: Roy Stenbro

2016:

- SINTEF Energi AS: John Olav Tande (Centre director), Hans Christian Bolstad (Centre manager),
- Karl Merz, Thomas Welte, Harald Svendsen, Randi Aukan
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan
- MARINTEK: Ole D. Økland
- Stiftelsen SINTEF: Jens K. Jørgensen
- IFE: Roy Stenbro

2015:

- SINTEF Energi AS: John Olav Tande (Centre director), Hans Christian Bolstad (Centre manager),
- Karl Merz, Thomas Welte, Harald Svendsen, Randi Aukan
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan
- MARINTEK: Ole D. Økland
- Stiftelsen SINTEF: Jens K. Jørgensen
- IFE: Roy Stenbro

2014:

- SINTEF Energi AS: John Olav Tande (Centre director), Hans Christian Bolstad (Centre manager),
- Karl Merz, Thomas Welte, Harald Svendsen, Randi Aukan
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan
- MARINTEK: Ole D. Økland
- Stiftelsen SINTEF: Jens K. Jørgensen
- IFE: Roy Stenbro

2013:

- SINTEF Energi AS: John Olav Tande (Centre director), Nils Arild Ringheim/Hans Christian Bolstad (Centre manager), Karl Merz, Harald Svendsen, Thomas Welte/Matthias Hofmann, Randi Aukan,
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan, Kjetil Uhlen
- MARINTEK: Ole D. Økland
- Stiftelsen SINTEF: Bernd Schmid
- IFE: Roy Stenbro

2012:

- SINTEF Energi AS: John Olav Tande (Centre director), Nils Arild Ringheim, (Centre manager), Kjetil Uhlen, Karl Merz, Matthias Hofmann, Jørn Heggset, Randi Aukan
- NTNU: Trond Kvamsdal, Debbie Koreman, Michael Muskulus, Per Arne Wilson, Torgeir Moan
- MARINTEK: Ole D.Økland
- Stiftelsen SINTEF: Bernd Schmid
- IFE: Roy Stenbro

2011:

- SINTEF Energi AS: John Olav Tande (Centre director), Nils Arild Ringheim, (Centre manager), Kjetil Uhlen, Magnus Korpås, Jørn Heggset, Randi Aukan
- NTNU: Geir Mo, Jan Onarheim, Trond Kvamsdal, Ole Gunnar Dahlhaug, Debbie Koreman, Torgeir Moan
- MARINTEK: Petter Andreas Berthelsen
- Stiftelsen SINTEF: Bernd Schmid
- IFE: Per Finden/Roy Stenbro

2010:

- SINTEF Energi AS: John Olav Tande (Centre director), Nils Arild Ringheim, (Centre manager), Kjetil Uhlen, Magnus Korpås, Jørn Heggset, Randi Aukan
- NTNU: Geir Mo, Jan Onarheim, Trond Kvamsdal, Ole Gunnar Dahlhaug, Debbie Koreman, Torgeir Moan
- MARINTEK: Petter Andreas Berthelsen
- Stiftelsen SINTEF: Bernd Schmid
- IFE: Per Finden/Roy Stenbro

2009:

- SINTEF Energi AS: John Olav Tande (Centre director), Nils Arild Ringheim, (Centre manager), Kjetil Uhlen, Magnus Korpås, Jørn Heggset, Randi Aukan
- NTNU: Geir Mo, Jan Onarheim, Tor Undeland, Ole Gunnar Dahlhaug, Debbie Koreman, Torgeir Moan
- MARINTEK: Petter Andreas Berthelsen
- Stiftelsen SINTEF: Bård Wathne Tveiten
- IFE: Per Finden/Roy Stenbro

Key researchers in NOWITECH

	Key researcher		
#	**Name**	**Institution**	**Work Package / Role**
1	Albrechtsen, Eirik	SINTEF TS	WP5
2	Anaya-Lara, Olimpo	SINTEF Energy Research	WPC
3	Armada, Sergio	SINTEF MC	WPB, WP3, WP5
4	Baarholm, Gro	Marintek	WP3
5	Bachynski, Erin	Marintek/NTNU	WPA
6	Belsnes, Michael Martin	SINTEF Energy Research	WP4
7	Berge Erik	IFE	WP1,
8	Berthelsen, Petter Andreas	Marintek	WP1, WP3, WP6, Management, WPA
9	Bjerkan, Leif	SINTEF MC	WP2
10	Bjørgan, Roger Moe	SINTEF ICT	WP1
11	Bjørgum, Astrid	SINTEF MC	WP3, WP5, WPB
12	Bolstad, Hans Christian	SINTEF Energy Research	Centre Manager
13	Da Costa, Elisabete FR	SINTEF MC	WPB
14	Dahl, Øystein	SINTEF MC	WP3
15	Dahlhaug, Ole Gunnar	NTNU	WP1, WPA, SC, Management
16	D'Arco, Salvatore	SINTEF Energy Research	WPC
17	De Vaal, Jacobus	IFE	WPA
18	Delhaye, Virgile	SINTEF MC	WP2, WPA
19	Doorman, Gerard	NTNU	WP4, WPB
20	Dyrkoren, Erik	Marintek	WP5
21	Echtermeyer, Andreas	NTNU	WP2, WPB
22	Eek, Jarle	SINTEF Energy Research	WP4
23	Eggen, Arnt Ove	SINTEF Energy Research	WP5
24	Endegnanew, Atsede	SINTEF Energy Research	Management, WP4, WP6, WPC
25	Equey, Sebastien	SINTEF MC	WP3, WP5
26	Espallargas, Nuria	NTNU	WP5
27	Farahmand, Hossein	SINTEF Energy Research	WPC
28	Feilberg, Nicolai	SINTEF Energy Research	WP4
29	Fergestad, Dag	Marintek	WP3
30	Finden Per	IFE	Management
31	Fonn, Eivind	SINTEF ICT	WPA
32	Foques, Sebastien	Marintek	WP1, WP3, WPA
33	Fossdal, Anita	SINTEF MC	WP3
34	Fossen, Thor Inge	NTNU	WP6, WPA
35	Fosso, Olav	NTNU	WP4, WPC, Chairman of the Board
36	Fylling, Ivar	Marintek	Wp1, WP6, WPA

37	Gaarder, Rune Harald	SINTEF MC	WP2, WPB
38	Gao, Zhen	NTNU	WP3, WPA
39	Gibson, Andrew	MARINTEK	WPB
40	Graczyk, Mateusz	Marintek	WP1
41	Graff, Joachim M.	SINTEF MC	WP3
42	Grinden, Bjørn	SINTEF Energy Research	WP4
43	Grytten, Frode	SINTEF MC	WP2, WPB
44	Grøva, Morten	Marintek	WPA
45	Gustavsen, Bjørn	SINTEF Energy Research	WP4,WPC
46	Guzman, Andrés Nunes	SINTEF MC	WP3
47	Haavik, Camilla	SINTEF MC	WP3
48	Hals, Jørgen	Marintek	WP1, WPA
49	Halvorsen-Weare, Elin	Marintek	WP5, WPB
50	Heggset, Jørn	SINTEF Energy Research	WP5, Management
51	Hernando, Daniel Huertas	SINTEF Energy Research	WP4, WPC
52	Hinrichsen, Einar	SINTEF MC	WP2
53	Hoff, Jan Roger	Marintek	WP1,
54	Hofmann, Matthias	SINTEF Energy Research	WP5, WPB
55	Holdahl, Runar	SINTEF ICT	WP1
56	Holdyk, Andrzej	SINTEF Energy Research	WPC
57	Høidalen, Hans Kristian	NTNU	WP2, WP4, WPC
58	Johnsen, Heidi	SINTEF MC	WP3, WPA, WPB
59	Johnsen, Roy	NTNU	WP3, WPA
60	Johnsen, Trond	Marintek	WP5
61	Juan Yang	SINTEF MC	WP3, WPB
62	Jørgensen, Jens Kiær	SINTEF MC	WP2 , WPB, Management
63	Karimirad, Madjid	Marintek	WP6, WPA
64	Kaus, Ingeborg	SINTEF MC	WP3
65	Kendon, Timothy	Marintek	WP3
66	Kirkeby, Henrik	SINTEF Energy Research	WPC
67	Knauer Andreas	IFE	WP1, WP2, WP3, WP6
68	Knudsen, Ole Ø.	SINTEF MC	WP3
69	Kolstad, Magne Lorentzen	SINTEF Energy Research	WPB
70	Korpås, Magnus	SINTEF Energy Research	WP4, Management
71	Korsvik, Jarl	Marintek	WP5
72	Krasilnikov, Vladimir	Marintek	WP6
73	Krogstad, Per Åge	NTNU	WP1,WP2, WP6, WPA
74	Kubowicz, Stephan	SINTEF MC	WP3
75	Kvamsdal, Trond	NTNU/SINTEF ICT	WP1, SC, WPA
76	Kvarving, Arne Morten	SINTEF ICT	WPA
77	Kvello, Jannicke	SINTEF MC	WP3

78	Lie, Halvor	Marintek	WP6
79	Lindqvist, Bo	NTNU	WP5, WPB
80	Ljøkelsøy, Kjell	SINTEF Energy Research	WPC
81	Luxcey, Neil	Marintek	WP1, WP3
82	Luxsacumar, Sivakanes	SINTEF MC	WP2
83	Magnusson, Niklas	SINTEF Energy Research	WP2, WPC
84	Marvik, Jorun	SINTEF Energy Research	WP4
85	Maus, Karl Jacob	IFE	WP1
86	Merz, Karl	SINTEF Energy Research	WPC, Management
87	Minsaas, Atle	Marintek	Management
88	Mo, Olve	SINTEF Energy Research	WPC
89	Moan, Torgeir	NTNU	WP3, WP6, Management (incl SC), WPA, WPB
90	Moe, Geir	NTNU	Management (including SC), WP3
91	Mokkelbost, Tommy	SINTEF MC	WP3
92	Molinas, Marta	NTNU	SC, WP4
93	Muskulus, Michael	NTNU	WP3, WPA, Management, SC
94	Muthanna, Chittiappa	Marintek	WP6, WPA
95	Nilssen, Robert	NTNU	WP2, WPC
96	Nonås, Lars Magne	Marintek	WP5, WPB
97	Nygaard Tor Anders	IFE	WP1, WP2, WP3, WP6, WPA
98	Nysveen, Arne	NTNU	SC, WP2, WP4, WPC
99	Oggiano, Luca	IFE	WP1, WPA
100	Onarheim, Jan	NTNU	Management (including SC, CIC)
101	Ong, Muk Chen	Marintek	WP3
102	Ormberg, Harald	Marintek	WP1, WP3, WPA
103	Passano, Elizabeth	Marintek	WP3, WPA
104	Perillo, Giovanni	SINTEF MC	WPB
105	Petersen, Idar	SINTEF Energy Research	WP4, WP6
106	Pierella, Fabio	IFE	WPA
107	Pilz, Monika	SINTEF MC	WP3, WPB
108	Pleym, Anngjerd	SINTEF Energy Research	WP2
109	Rasheed, Adil	SINTEF ICT	WPA
110	Reigstad, Tor Inge	SINTEF Energy Research	WPC
111	Ringheim, Nils Arild	SINTEF Energy Research	Centre manager
112	Rødseth, Harald	Marintek	WP5, WPB
113	Røyset, Arne K.	SINTEF MC	WP3
114	Sandvik, Peter	Marintek	WPA
115	Sauder, Thomas	Marintek	WP6, WPA
116	Schmid, Bernd	SINTEF MC	Management, WP2, WP3
117	Schmid, Ruth	SINTEF MC	WP3
118	Simon, Christian R.	SINTEF MC	WP3, WPA

119	Sin, Jorge Rituerto	SINTEF MC	WPB
120	Sivakanes Luxsacumar	SINTEF MC	WP3
121	Skavhaug, Amund	NTNU	WP5, WPB
122	Skjetne, Roger	NTNU	WP6, WPA
123	Soloot, Amir	NTNU	WP4
124	Sperstad, Iver	SINTEF Energy Research	WP5, WPB
125	Spro, Ole Christian	SINTEF Energy Research	WPC
126	Stansberg, Carl Trygve	Marintek	WP3, WP6, WPA
127	Steen, Sverre	NTNU	WPA
128	Stenbro Roy	IFE	WP1, WP2, WP3, WP6, Management, WPA
129	Stenstad,Per Martin	SINTEF MC	WP3
130	Stålhane, Magnus	Marintek/NTNU	WP5, WPB
131	Svendsen, Harald	SINTEF Energy Research	WP4, WP6, Management, WPC
132	Sætran, Lars	NTNU	WP1, WPA
133	Sørheim, Einar Arne	IFE	WP1
134	Taby, Joakim	Marintek	WP3
135	Tande, John Olav Giæver	SINTEF Energy Research	Centre Director
136	Thys, Maxim	Marintek	WPA
137	Tilset, Bente G.	SINTEF MC	WP3
138	Torres Olguin, Raymundo	SINTEF Energy Research	WPC
139	Trötscher, Thomas	SINTEF Energy Research	WP4
140	Tveiten, Bård Wathne	SINTEF MC	WP2, Management
141	Tyholdt, Frode	SINTEF MC	WP3
142	Uhlen, Kjetil	NTNU / SINTEF Energy Research	WP4, WP6, Management, WPC
143	Undeland, Tore	NTNU	WP3, Management (including SC)
144	Utne, Ingrid Bouwer	NTNU	WP5
145	Valland, Anders	Marintek	WP5, WPB
146	Van Rij, Jennifer	IFE	WP1, WP2, WP3, WP6
147	Vatn, Jørn	NTNU	WPB, WP5
148	Vatne, Sigrid	Marintek	WPA
149	Vogl Andreas	SINTEF ICT	WP2
150	Vrana, Til Kristian	SINTEF Energy Research	WPC
151	Völler, Steve	NTNU	WP4
152	Warland, Leif	SINTEF Energy Research	WP4
153	Welte, Thomas	SINTEF Energy Research	WP5, WPB, Management
154	Wenle, He	SINTEF MC	WP3
155	Wu, Jie	Marintek	WP1
156	Økland, Ole D.	Marintek	WP3, WP6, Management, WPA
157	Østbø, Niels Peter	SINTEF ICT	WP2
158	Årdal, Atle Rygg	SINTEF Energy Research	WPC, WP4

PUBLICATIONS

Peer-reviewed articles

1. Abrahamsen, A.B., et al., *Large superconducting wind turbine generators.* Energy Procedia, 2012. **24**: p. 60-67.
2. Acker, T., et al., *Integration of Wind and Hydropower Systems: Results of IEA Wind Task 24.* Wind Engineering, 2012. **36**(1): p. 1-18.
3. Alagan Chella, M., Tørum, A., Myrhaug, D., *An Overview of Wave Impact Forces on Offshore Wind Turbine Substructures.* Energy Procedia, 2012: p. 217 – 226.
4. Albrechtsen, E., *Occupational safety management in the offshore wind industry – status and challenges.* Energy Procedia, 2012. **24**: p. 313-321.
5. Årdal, A.R., Undeland, T., Sharifabadi, K., *Voltage and frequency control in offshore wind turbines connected to isolated oil platform power systems.* Energy Procedia, 2012.
6. Arvesen, A., et al., *Life cycle assessment of an offshore grid interconnecting wind farms and customers across the North Sea.* The International Journal of Life Cycle Assessment, 2014.
7. Attya, A.B., et al., *Fulfilment of grid code obligations by large offshore wind farms clusters connected via HVDC corridors.* Energy Procedia, 2016. **94**: p. 20-28.
8. Bachynski, E., et al, *Real-time hybrid model testing of floating wind turbines: Sensitivity to limited actuation.* Energy Procedia, 2015.
9. Bachynski, E., Hydrodynamic modelling of a large-diameter bottom fixed offshore wind turbines, Proceedings of the ASME, 31 May – 5 June 2015
10. Bachynski, E., et al., *Dynamic Analysis of Floating Wind Turbines During Pitch Actuator Fault, Grid Loss, and Shutdown.* Energy Procedia, 2013. **35**: p. 210-222.
11. Bachynski, E., et al., *Wind-Wave Misalignment Effects on Floating Wind Turbines: Motions and Tower Load Effects.* Journal of Offshore Mechanics and Arctic Engineering, 2014. **136**.
12. Bachynski, E., Ormberg, H., *Comparison of Engineering Models for the Aerodynamic Load Distribution along a Wind Turbine Blade.* ISOPE 2015.
13. Bardal, L.M et al, *Performance Test of a 3MW Wind Turbine – Effects of Shear and Turbulence.* Energy Procedia, 2015. **80**.
14. Barrera-Cardenas, R. and M. Molinas, *A simple procedure to evaluate the efficiency and power density of power conversion topologies for offshore wind turbines.* Energy Procedia, 2012. **24**: p. 202-211.
15. Barrera-Cardenas, R. and M. Molinas, *Comparative study of the converter efficiency and power density of power conversion topologies for offshore wind turbines.* IEEE Conference proceedings 2012, 2012: p. 1085-1090.
16. Barrera-Cardenas, R. and M. Molinas, *Multi-objective Design of a Modular Power Converter based on Medium Frequency AC-link for Offshore DC Wind Park.* Energy Procedia, 2013. **35**: p. 265-273.
17. Barrera-Cardenas, R. and M. Molinas, *Optimal LQG Controller for Variable Speed Wind Turbine Based on Genetic Algorithms.* Energy Procedia, 2012. **20**: p. 207-216.
18. Barrera-Cardenas, R. and M. Molinas, *Optimized design of wind energy conversion systems with single-phase AC-link.* IEEE Conference Proceedings 2012, 2012.
19. Barrera-Cardenas, R. et al., *Comparative Study of Wind Turbine Power Converters Based on Medium-Frequency AC-Link for Offshore DC-Grids.* Emerging and Selected Topics in Power Electronics, IEEE Journal of, 2014.
20. Berthelsen, P.A. et al, *Conceptual design of a floating support structure and mooring system for a vertical axis wind turbine,* OMAE2012, Rio de Janeiro, July 1-6, Brazil
21. Brantsæter, H., et al., *Passive filter design and o shore wind turbine modelling for system.* Energy Procedia, 2015.
22. Brantsæter, H., et al., *Passive Filter Design and Offshore Wind Turbine Modelling for System Level Harmonic Studies.* Energy Procedia, 2015. **80**.
23. Cardenas, R.B., N. Holtsmark, and M. Molinas, *Comparative study of the efficiency and power density of offshore WECS with three-phase AC-link.* IEEE Conference Proceedings, 2012: p. 717-724.
24. Chella, M.A., et al., *Breaking characteristics and geometric properties of spilling breakers over slopes.* Coastal Engineering, 2015. **95**.
25. Chella, M.A., et al., *Breaking Solitary Waves and Breaking Wave Forces on a Vertically Mounted Slender Cylinder over an Impermeable Sliping Seabed.* Journal of Ocean Engineering and Marine Energy, 2016.
26. Chella, M.A., et al., *Hydrodynamic characteristics and geometric properties of plunging and spilling breakers over impermeable slopes.* Ocean Modelling, doi: 10.1016/j.ocemod.2015.11.011
27. Chella, M.A., H. Bihs, and D. Myrhaug, *Characteristics and profile asymmetry properties of waves breaking over an impermeable submerged reef.* Coastal Engineering, 2015. **100**.

28. Chew, K.-H., et al., *Optimization of Offshore Wind Turbine Support Structures Using an Analytical Gradient-based Method.* Energy Procedia, 2015. **80**.
29. Chew, K.H., T. Kang, and M. Muskulus, *Analytical gradient-based optimization of offshore wind turbine substructures under fatigue and extreme loads.* Marine Structures, 2016. **47**: p. 23-41.
30. Cox, K. and A. Echtermeyer, *Effects of composite fiber orientation on wind turbine blade buckling resistance.* Wind Energy, 2013.
31. Cox, K. and A. Echtermeyer, *Geometric scaling effects of bend-twist coupling in rotor blades.* Energy Procedia, 2013. **35**: p. 2-11.
32. Cox, K. and A. Echtermeyer, *Structural design and analysis of a 10MW wind turbine blade.* Energy Procedia, 2012. **24**: p. 194-201.
33. Cox, K., N.P. Vedvik, and A. Echtermeyer, *Flexural Fatigue of Unbalanced Glass-Carbon Hybrid Composites.* Journal of Solar Energy Engineering, 2014.
34. Dai, L et al, *Routing and Scheduling of Maintenance Fleet for Offshore Wind Farms.* Wind Engineering, 2015. **39**(1): p. 15-30.
35. Dai, L., et al., *Risk of Collision Between Service Vessels and Offshore Wind Turbines.* Journal of Reliability Engineering & Safety System, 2012.
36. Dinwoodie, I., et al., *Reference Cases for Verification of Operation and Maintenance Simulation Models for Offshore Wind Farms.* Wind Engineering, 2015. **39**(1): p. 1-14.
37. Endegnanew, A. and K. Uhlen, *Coordinated Converter Control Strategy in Hybrid AC/DC Power Systems for System Frequency Support.* Energy Procedia, 2016. **94**: p. 173-181.
38. Endegnanew, A. et al., *Coordinated Control between Wind and Hydro Power Systems through HVDC Links.* Energy Procedia, 2012.
39. Endegnanew, A. et al., *Integrated modelling platform for dynamic performance assessment of floating wind turbines.* Energy Procedia, 2015.
40. Endegnanew, A., H. Farahmand, and D. Huertas-Hernando, *Frequency Quality in the Nordic Power System: Wind Variability, Hydro Power Pump Storage and Usage of HVDC Links.* Energy Procedia, 2013. **35**: p. 62-68.
41. Estanqueiro, A. et al., *Energy Storage for Wind Integration: Hydropower and other contributions.* 2012 IEEE Power Engineering Society General Meeting Article, 2012.
42. Farahmand, H. et al., *Balancing Market Integration in the Northern European Continent: A 2030 Case Study.* IEEE Transactions on Sustainable Energy, Special Issue: Wind Energy, 2012. **3**(4): p. 918-930.
43. Farahmand, H., et al., *Impact of system power losses on the value of an offshore grid for North Sea offshore wind.* IEEE PES Transactions & PowerTech2011 IEEEXplore Conference Proceedings, 2011.
44. Farahmand, H., L. Warland, and D. Huertas-Hernando, *The Impact of Active Power Losses on the Wind Energy Exploitation of the North Sea.* Energy Procedia, 2014. **53**: p. 70-85.
45. Fonn, E. et al, *Spline based mesh generator for high fidelity simulation of flow around turbine blades.* Energy Procedia, 2015. **80**: p. 294-301.
46. Fossum, P.K., Frøyd, L., Dahlhaug, O.G., *Design and Fatigue Performance of Large Utility-Scale Wind Turbine Blades.* J. Sol. Energy Eng., 2013. **135**(3)
47. Frøyd, L., Dahlhaug, O.G., *A Conceptual Design Method for Parametric Study of Blades for Offshore Wind Turbines.* 2011. **5**: p. 609-618.
48. Frøyd, L., Dahlhaug, O.G., *Effect of pitch and safety system design on dimensioning loads for offshore wind turbines during grid fault.* Energy Procedia, 2012. **24**: p. 36-43.
49. Frøyd, L., Dahlhaug, O.G., *Rotor Design for a 10 MW Offshore Wind Turbine, ISOPE* 2011, ISSN 1098-6189
50. Fuchs, I., Völler, S., Gjengedal, T., *Ant Colony based Transmission Expansion developed for the Nordic Area and Great Britain.* PowerTech 2011.
51. Fylling, I. et al., *WINDOPT - An optimization tool for floating support structures for deep water wind turbines.* OMAE 2011.
52. Gjerde, S. and Undeland, T., *A modular Series Connected Converter for a 10 MW, 36 kV, Transformer-Less Offshore Wind Power Generator Drive.* Energy Procedia, 2012. **24**: p. 68-75.
53. Gjerde, S., et al., *A modular series connected converter structure suitable for a high-voltage direct current transformerless offshore wind turbine.* Wind Energy, 2014. **17**(12).
54. Gjerde, S., Ljøkelsøy, K., Undeland, T., *Laboratory Verification of the Modular Converter for a 100 kV DC Transformerless Offshore Wind Turbine Solution.* Energy Procedia, 2013. **35**: p. 12-21.
55. Gjerde, S.S., et al., *Control and fault handling in a modular series-connected converter for a transformerless 100 kV low-weight offshore wind turbine.* IEEE Transactions on Industry Applications, 2014. **50**.
56. Goldschmidt, M., Muskulus, M., *Coupled Mooring Systems for Floating Wind Farms.* Energy Procedia, 2015.
57. Graczyk, M., Sandvik, P.C., *Study of landing and lift-off operation for wind turbine components on a ship deck,* OMAE 2012; Rio de Janeiro; Brazil; 1 - 6 July 2012

58. Gundegjerde, C., et al., *A stochastic fleet size and mix model for maintenance operations at offshore wind farms.* Transportation Research Part C: Emerging Technologies, 2015. **52**: p. 74-92.
59. Gustavsen, B., Mo, O., *Variable Transmission Voltage for Loss Minimization in Long Offshore Wind Farm AC Export Cables.* IEEE Transactions on Power Delivery, 2016.
60. Gustavsen, B., Brede, A.P, Tande, J.O., *Multivariate analysis of transformer resonant overvoltages in power stations.* IEEE Trans. Power Delivery (TPWRD-00912-2010)
61. Haileselassie, T., Uhlen, K., *Power Flow Analysis of Multi-terminal HVDC Networks.* PowerTech 2011.
62. Haileselassie, T., et al., *Connection Scheme for North Sea Offshore Wind Integration to UK and Norway: Power Balancing and Transient Stability Analysis.* 2011.
63. Haileselassie, T., et al., *Main Grid Frequency Support Strategy for VSC-HVDC Connected with Wind Farms with Variable Speed Wind Turbines,* IEEE Trondheim PowerTech 2011; Trondheim; NTNU; 19 - 23 June 2011
64. Haileselassie, T.M., Uhlen, K., *Impact of DC Line Voltage Drops on Power Flow of MTDC Using Droop Control.* Power Systems, IEEE Transactions on, 2012. 27(3): p. 1441-1449.
65. Haileselassie, T.M., Uhlen, K., *Power System Security in a Meshed North Sea HVDC Grid.* Proceedings of the IEEE, 2013. 101(4): p. 978-990.
66. Halvorsen-Weare, E., et al., *Vessel Fleet Analysis for Maintenance Operations at Offshore Wind Farms.* Energy Procedia, 2013. 35: p. 167-176.
67. Hameed, Z., Vatn, J., *Development of an overall maintenance optimization framework for offshore wind turbine.* ESREL 2012; Helsinki; Finland; 25 - 29 June 2012
68. Hameed, Z. Vatn, J., *How to Develop the Grouping Strategy for Offshore Wind Turbines at the Wind Farm Level.* IEEM12; The IEEE International conference on Industrial Engineering and Engineering Management;10-13 December 2012; Hong Kong
69. Hameed, Z., Vatn, J., *Important challenges for 10MW reference wind turbine from RAMS perspective.* Energy Procedia, 2012. 24: p. 263-270.
70. Hameed, Z., Vatn, J., *Role of grouping in the development of an overall maintenance optimization framework for offshore wind turbines.* Journal of Risk and Reliability, 2012.
71. Hameed, Z., Wang, K., *Clustering Analysis to Improve Reliability and Maintainability of Wind Turbines with Self-Organizing Map Neural Network.* Journal of Performability Engineering, 2012.
72. Hameed, Z., Wang, K., *Development of optimal maintenance strategies for offshore wind turbine by using artificial neural networks.* Journal of Wind engineering, 2012. **36**(3): p. 352-364.
73. Hameed, Z., Wang, K., *Exploring the Synergy between Wind Turbine and Manufacturing Industry to Improve their Reliability and Maintainability by Using Artificial Neural Networks.* IWAMA 2012; NTNU; Trondheim; 21 - 22 June 2012
74. Hameed, Z., Vatn, J., Heggset, J., *Challenges in the reliability and maintainability data collection for offshore wind turbines.* Journal of Renewable Energy, 2011.
75. Hammerstad, B.H., Schafhirt, S., Muskulus, M., *On Fatigue Damage Assessment for Offshore Support Structures with Tubular Joints.* Energy Procedia, 2016. **94**.
76. Härtel, P., et al., *Review of investment model cost parameters for VSC HVDC transmission infrastructure.* Electric power systems research, 2017. **151**.
77. He, W., et al., *Case Study of Integrating an Offshore Wind Farm with Offshore Oil and Gas Platforms and with an Onshore Electrical Grid.* Journal of Renewable Energy, 2013. **2013**: p. 11.
78. He, W., et al., *The Potential of Integrating Wind Power with Offshore Oil and Gas Platforms.* Wind Engineering, 2010. **34**: p. 125-137.
79. Hernando, D.H.; Farahmand, H.; Holttinen, H., et al; Hydropower flexibility for power systems with variable Renewable Energy Sources (RES). An IEA Task 25 Collaboration. WIREs Energy and Environment, published online 2016
80. Hofmann, M., Sperstad, I.B., *NOWIcob – A Tool for Reducing the Maintenance Costs of Offshore Wind Farms.* Energy Procedia, 2013. **35**: p. 177-186.
81. Hofmann, M., Sperstad, I.B., *Will 10 MW wind turbines bring down the operation and maintenance cost of offshore wind farms?* Energy Procedia, 2014. **53**: p. 231-238.
82. Hofmann, M., *A review of decision support models for offshore wind farms with emphasis on operation and maintenance strategies.* Journal of Wind Engineering, 2011. **35**(1): p. 1-15.
83. Holttinen, H., et al., *Impacts of large amounts of wind power on design and operation of power systems, results of IEA collaboration.* Wind Energy, 2010.
84. Horn, J.T., Krokstad, J. and Amdahl, J., *Hydro-Elastic Contributions to Fatigue Damage on a Large Monopile.* Energy Procedia, 2016. **94**.
85. Johannessen, K.A. et al, *Divergence-conforming discretization for Stokes problem on locally refined meshes using LR B-splines.* Computer Methods in Applied Mechanics and Engineering, 2015. **293**: p. 38-70.

86. Kalcon, G.O., et al., *Small-Signal Stability Analysis of Multi-Terminal VSC-Based DC Transmission Systems.* Power Systems, IEEE Transactions on, 2012. **27**(4): p. 1818-1830.
87. Karimirad, M., Michailides, C., *Dynamic Analysis of a Braceless Semisubmersible Offshore Wind Turbine in Operational Conditions.* Energy Procedia, 2015. **80**.
88. Karimirad, M. and T. Moan, *A simplified method for coupled analysis of floating offshore wind turbines.* Journal of Marine Structures, 2012.
89. Karimirad, M. and T. Moan, *Feasibility of the Application of a Spar-type Wind Turbine at a Moderate Water Depth.* Energy Procedia, 2012. **24**: p. 340-350.
90. Karimirad, M. and T. Moan, *Wave- and Wind-Induced Dynamic Response of a Spar-Type Offshore Wind Turbine.* Journal of Waterway, Port, Coastal, Ocean Eng., 2012. **138**(1).
91. Karimirad, M.; Moan, T.; Comparative study of spar-type wind turbines in deep and moderate water depths, ASME 2012
92. Kirkeby, H., Tande, J.O., *The NOWITECH Reference wind farm.* Energy Procedia, 2014. **53**: p. 300-3012.
93. Knudsen, O.Ø., Bjørgum, A., Døssland, L.T. *Low maintenance coating systems for constructions with long lifetime.* Corrosion 2012, Salt Lake City, USA 11 – 15 March 2012
94. Kolstad, M.L., *Integrating Offshore Wind Power and Multiple Oil and Gas Platforms to the Onshore Power Grid using VSC-HVDC Technology.* Marine Technology Society Journal, 2014. **48**.
95. Korpås, M., et al., *A Case-Study on Offshore Wind Power Supply to Oil and Gas Rigs.* Energy Procedia, 2012.
96. Korpås, M., et al., *Balancing of Wind Power Variations using Norwegian Hydro Power.* Wind Engineering, 2013. **37**: p. 79-96.
97. Krogstad, P.Å. and Lund, J.A., *An experimental and numerical study of the performance of a model turbine.* Wind Energy, 2011.
98. Krogstad, P.Å., Sætran, L., Adaramola, M.S., *"Blind Test 3" calculations of the performance and wake development behind two in-line and offset model wind turbines.* Journal of Fluids and Structures, 2014.
99. Krogstad, P-Å. et al., *"Blind test" calculations of the performance and wake development for a model wind turbine.* Renewable Energy 50 (2013) 325e333, 2013. **50**: p. 325-333.
100. Kvittem, M., Moan, T., *Time domain analysis procedures for fatigue assessment of a semi-submersible wind turbine.* Marine Structures, 2015.
101. Kvittem, M., Bachynski, E., Moan, T., *Effects of hydrodynamic modelling in fully coupled simulations of a semi-submersible wind turbine.* Energy Procedia, 2012.
102. Kvittem, M.I., Moan, T., *Effect of Mooring Line Modelling on Motions and Structural Fatigue Damage for a Semisubmersible Wind Turbine.* Proceedings of the Twenty-second (2012) International Offshore and Polar Engineering Conference, 2012.
103. Kvittem, M.I., et al., *Short-Term Fatigue Analysis of Semi-Submersible wind turbine tower.* OMAE 2011.
104. Leimeister, M., et al., *Rational Upscaling of a Semi-Submersible Floating Platform Supporting a Wind Turbine.* Energy Procedia, 2016. **94**.
105. Lindau, S., Magnusson, N., Taxt, H., *A Method to Estimate the Necessary Twist Pitch in Multifilamentary Superconductors.* Journal of Physics, 2014.
106. Lindeberg, E., Svendsen, H.G., Uhlen, K., *Smooth transition between controllers for floating wind turbines.* Energy Procedia, 2012. **24**: p. 83-98.
107. Lindqvist, B.; Slimacek, V.; Failure prediction for monitored systems, Proceedings to ESREL 2013
108. Liu, D., et al., *Optimization and comparison of superconducting generator topologies for a 10 MW wind turbine application.* Selected papers from the 13th International Workshop on Optimization and Inverse Problems in Electromagnetism (OIPE 2014), 2017.
109. Liu, D.; Polinder, H.; Magnusson, N.; Schellevis, J.; Abrahamsen, A.; Ripple Field AC Losses in 10-MW Wind Turbine Generators with a MgB2 Superconductiong Field Winding, IEEE Transactions on Applie Superconductivity, vol 26, 2016
110. Ljøkelsøy, K., D'Arco, S., Tande, J.O., *Challenges and rationale for laboratory research of offshore grids.* Energy Procedia, 2012.
111. Lubbad, R.K., Løset, S., Moe, G., *Experimental Investigations of the Efficiency of Round-Sectioned Helical Strakes in Suppressing Vortex Induced Vibrations.* OMAE 2010.
112. Luxcey, N. et al, *Global analysis of a floating wind turbine using an aero-hydro-elastic numerical model. Part 2: Benchmark study.* OMAE 2011.
113. Magnusson, N., et al., *Coupling currents and hysteresis losses in MgB2 superconductors.* Superconductor Science and Technology, 2014.
114. Magnusson, N., et al., *Design aspects on winding of an MgB2 superconducting generator coil.* Energy Procedia, 2015.
115. Magnusson, N., et al., *Hysteresis losses in MgB2 superconductors exposed to combinations of low AC and high DC magnetic fields and transport currents.* Physica C, 2014.

116. Marvik, J.I. and Svendsen, H.G., *Analysis of Grid Faults in Offshore Wind Farm with HVDC Connection.* Energy Procedia, 2013. **35**: p. 81-90.
117. Marvik, J.I., Endegnanew, A., *Wind turbine model validation with measurements.* Energy Procedia, 2012.
118. Merz, K.O., Svendsen, H.G., *A Baseline Control Algorithm for the Deepwind Floating Vertical-Axis Wind Turbine.* J. Renewable Sustainable Energy, 2013. **5**(063136): p. 23.
119. Merz, K.O., *Basic controller tuning for large offshore wind turbines.* Wind Energy Science, 2016. **1**: p. 153-175.
120. Mubarok, F., et al., *Thermally Sprayed SiC Coatings for Offshore Wind Turbine Bearing Applications.* Journal of Thermal Spray Technology, 2013. **22**(8): p. 1303-1309.
121. Mukesh, Kumar, et al A s*imple posteriori error estimators in adaptive isogeometric analysis.* Computer & Mathematics with Applications, 2015. **70**(7): p. 1555-1582.
122. Muskulus, M., *The full-height lattice tower concept.* Energy Procedia, 2012. **24**: p. 371-377.
123. Myhr, A. et al, *Comparison of Experimental Results and Computations for Tension-Leg-Buoy Offshore Wind Turbines.* Journal of Wind Energy, 2014.
124. Myhr, A. et al, *Experimental and Computational Comparisons of the OC3-HYWIND and Tension-Leg-Buoy (TLB) Floating Wind Turbine Conceptual Designs.* ISOPE, June 2011
125. Myhr, A. et al, *Experimental Results for Tension-Leg-Buoy Offshore Wind Turbine Platforms.* Journal of Wind Energy, 2014. **1**(4): p. 217-224.
126. Myhr, A. et al, *Load Reductions and Optimizations on Tension-Leg-Buoy Offshore Wind Turbine Platforms.* ISOPE 2012, Rhodos, Greece, June 2012
127. Myhr, A., et al., *Levelised cost of energy for offshore floating wind turbines in a life cycle perspective.* Renewable Energy, 2014.
128. Nejad, A., et al., *Fatigue Damage Comparison of Mechanical Components in a Land-Based and a Spar Floating Wind Turbine.* Procedia Engineering, 2015: p. 330 – 338.
129. Nejad, A., et al., *Stochastic dynamic load effect and fatigue damage analysis of drivetrains in land-based and TLP, spar and semi-submersible floating wind turbines.* Marine Structures, 2015: p. 137-153.
130. Nejad, A., Gao, Z., Moan, T., *Long-term Analysis of Gear Loads in Fixed Offshore Wind Turbines Considering Ultimate Operational Loadings.* Energy Procedia, 2013. **35**: p. 187-197.
131. Nejad, A.R., et al., *A prognostic method for fault detection in wind turbine drivetrains.* Engineering Failure Analysis, 2014. **42**: p. 324–336.
132. Nejad, A.R., et al., *Correlation between Acceleration and Drivetrain Load Effects for Monopile Offshore Wind Turbines.* Energy Procedia, 2016. **94**.
133. Nejad, A.R., et al., *Development of a 5 MW reference gearbox for offshore wind turbines.* Wind Energy, 2015.
134. Nejad, A.R., et al., *Effects of floating sun gear in a wind turbine's planetary gearbox with geometrical imperfections.* Wind Energy, 2014.
135. Nejad, A.R., Gao, Z., Moan, T., *Fatigue Reliability-Based Inspection and Maintenance Planning of Gearbox Components in Wind Turbine Drivetrains.* Energy Procedia, 2014.
136. Nejad, A.R., Gao, Z., Moan, T., *On long-term fatigue damage and reliability analysis of gears under wind loads in offshore wind turbine drivetrains.* International Journal of Fatigue, 2014. **61**: p. 116–128.
137. Nematbakhsh, A., et al., *Comparison of experimental data of a moored multibody wave energy device with a hybrid CFD and biem numerical analysis framework.* Proceedings of the ASME 2015, 2015.
138. Nematbakhsh, A., et al., *Comparison of Wave induced Response of a TLP Wind Turbine Obtained by CFD Method and Potential Theory.* ISOPE, 2014.
139. Nematbakhsh, A., et al., *Comparison of wave load effects on a TLP wind turbine using computational fluid dynamics and potential flow theory approaches.* Applied Ocean Research, 2015. **53**: p. 142-154.
140. Netland, Ø. and A. Skavhaug, *Prototyping and Evaluation of a Telerobot for Remote Inspection of Offshore Wind Farms.* CAPRI 2012.
141. Netland, Ø., Skavhaug, A., *Software Module Real-Time Target: Improving Development of Embedded Control System by Including Simulink Generated Code into Existing Code.* 39th Euromicro Conference on Software Engineering and Advanced Applications 2013.
142. Netland, Ø., et al., *An Experiment on the Effectiveness of Remote, Robotic Inspection Compared to Manned.* IEEE Systems; Man and Cybernetics 2013; Manchester; UK; October 13 - 16, 2013
143. Netland, Ø., et al., *Cost-benefit Evaluation of Remote Inspection of Offshore Wind Farms by Simulating the Operation and Maintenance Phase.* Energy Procedia, 2014. **53**: p. 239-247.
144. Netland, Ø., Jenssen, G., Skavhaug, A., *The Capabilities and Effectiveness of Remote Inspection of Wind Turbines.* Energy procedia, 2015. **80**: p. 177-184.
145. Nordanger, K. et al., *Simulation of air past a NACA0015 airfoil using an isogeometric incompressible Navier-Stokes solver with the Spalart-Allmaras turbulence model.* Computer Methods in Applied Mechanics and Engineering, 2015. **290**: p. 183-208.

146. Nordanger, K. et al., *Implementation and comparison of three isogeometric Navier–Stokes solvers applied to simulation of flow past a fixed 2D NACA0012 airfoil at high Reynolds number.* Computer Methods in Applied Mechanics and Engineering, 2015. **284**: p. 664–688.
147. Nygaard, T.A., et al., *Development, Verification and Validation of 3DFloat; Aero-servo-hydro-elastic Computations of Offshore Structures.* Energy Procedia, 2016. **94**.
148. Odgaard, P.F. and Nejad, A., *Frequency based Wind Turbine Gearbox Fault Detection applied to a 750 kW Wind Turbine.* 2014 IEEE Multi-conference on Systems and Control;Antibes; France; October, 8-10, 2014
149. Oggiano, L., et al., *Comparison of Experiments and CFD Simulations of a Braceless Concrete Semi-Submersible Platform.* Energy Procedia, 2016. **94**.
150. Ong M, et al *Dynamic Response of Jacket-Type Offshore Wind Turbine, using Decoupled and Coupled Models.* Proceedings of the ASME 2014 33rd International Conference on Ocean, Offshore and Arctic Engineering, 2014.
151. Opstal, T.M. et al., Isogeometric divergence-conforming variational multiscale formulation of incompressible turbulent flows, Journal Computer Methods in Applied Mechanics and Engineering, ISSN: 1879-2138, Volume 316, 2017
152. Ormberg, H. et al., *Sensitivity of estimated tower fatigue to wind modeling for a spar floating wind turbine.* ISOPE 2015, 2015. **1**: p. 354-361.
153. Ormberg, H., Passana, E., Luxcey, N., *Global analysis of a floating wind turbine using an aero-hydro-elastic numerical model. Part1: Code development and case study.* OMAE 2011.
154. Paulsen, U.S., et al., *DeepWind-from Idea to 5 MW Concept.* Energy Procedia, 2014. **53**: p. 23-33.
155. Pierella, F., Sætran, L., *Wind tunnel investigation on the effect of the turbine tower on wind turbines wake symmetry.* Wind Energy, 2017.
156. Pierella, F. et al, *Blind Test 2 calculations for two wind turbines in tandem arrangement.* SCI journal, 2013.
157. Pierella, F., Krogstad, P-Å., Sætran, L., *Blind Test 2 calculations for two in-line model wind turbines where the downstream turbine operates at various rotational speeds.* Renewable Energy, 2014.
158. Raadahl, H.L., et al., *GHG emissions and energy performance of offshore wind power.* Renewable Energy, 2014.
159. Rasheed, A. et al, *Multiscale Wind Modeling, Parallel CFD 2014, Parallel Computational Fluid Dynamics.* 2014: p. 41-48.
160. Robertson, A. et al., *OC5 Project Phase I: Validation of Hydrodynamic Loading on a Fixed Cylinder.* International Offshore and Polar Engineering Conference, 2015. **1**: p. 471-480.
161. Rousis, A.O., Anaya-Lara, O., *DC Voltage Control for Fault Management in HVDC System.* Energy Procedia, 2015. **80**.
162. Sætertrø, K. et al., *Offshore Code Comparison Collaboration Continuation (OC4), Phase I—Results of Coupled Simulations of an Offshore Wind Turbine with Jacket Support Structure.* Journal of Ocean and Wind Energy, 2014. **1**.
163. Sætran, L.K., Krogstad, P.Å., and M.S. Adaramola, *Performance and wake development behind two in-line and offset model wind turbines - "Blind test" experiments and calculations.* Torque2014.
164. Schafhirt, S., Zwick, D., Muskulus, M., *Two-stage local optimization approach of lattice type support structures for offshore wind turbines.* Ocean Engineering, 2016. **117**: p. 163-173.
165. Schafhirt, S., et al., *Influence of Soil Parameters on the Fatigue Lifetime of Offshore Wind Turbines with Monopile Support Structure.* Energy Procedia, 2016. **94**.
166. Scheu, M., Matha, D., Muskulus, M., *Validation of a Markov-based Weather Model for Simulation of O&M for Offshore Wind Farms.* Proceedings of the Twenty-second (2012) International Offshore and Polar Engineering Conference, 2012.
167. Scheu, M., et al., *Maintenance strategies for large offshore wind farms.* Energy Procedia, 2012: p. 281 – 288.
168. See, P.C., Fosso, O.B., *Cross-Border Transfer of Electric Power under Uncertainty: A Game of Incomplete Information.* Energy Procedia, 2014. **53**: p. 95-103.
169. See, P.C., et al., *Flow-Based Forward Capacity Mechanism.* IEEE TRANSACTIONS ON SUSTAINABLE ENERGY, 2016. **7**(2): p. 830-840.
170. Sethuraman, L., et al., *A 5 MW direct-drive generator for floating spar-buoy wind turbine: Drive-train dynamics.* Journal of Mechanical Engineering Science, 2015.
171. Seyr, H., Muskulus, M., *Safety Indicators for the Marine Operations in the Installation and Operating Phase of an Offshore Wind Farm.* Energy Procedia, 2016. **94**.
172. Siddiqui, M.S., et al., *Effect of Turbulence Intensity on the Performance of an Offshore Vertical Axis Wind Turbine.* Energy Procedia, 2015. **80**.
173. Siddiqui, M.S., et al., Influence of Tip Speed Ratio on Wake Flow Characteristics Utilizing Fully Resolved CFD Methodology, Journal of Physics, ISSN 1742-6596, Volume 854, 2017
174. Siddqui, M.S. et al., Numerical Analysis of NREL 5MW Wind Turbine: A Study towards a Better Understanding of Wake Characteristic and Torque Generation Mechanism, Journal of Physics, ISSN 1742-6596, Volume 753, 2016
175. Slimacek, V., Lindqvist, B.H., *Non-homogeneous Poisson process with nonparametric frailty.* Reliability Engineering and System Safety, 2016. **149**: p. 14-29.

176. Slimacek, V., Lindqvist, B.H., *Reliability of wind turbines modeled by a Poisson process with covariates, unobserved heterogeneity and seasonality.* Wind Energy, 2016.
177. Smith, J., et al., *Transmission planning for wind energy in the United States and Europe: status and prospects.* Wiley Interdisciplinary Reviews: Energy and Environment, 2013. **2**.
178. Soloot, A., Høidalen, H.K., Gustavsen, B., *Influence of the winding design of wind turbine transformers for resonant overvoltage vulnerability.* IEEE Transactions on Dielectrics and Electrical Insulation, 2015. **22**(2): p. 1250-1257.
179. Soloot, A.H., Høidalen, H.K., Gustavsen, B., *Frequency Domain Investigation of Switching Transients in Offshore Windfarms.* IEEE Powertech Conference, Trondheim, June 2011.
180. Soloot, A.H., Høidalen, H.K., Gustavsen, B., *Modeling of Wind Turbine Transformers for the Analysis of Resonant Overvoltages.* Electric Power Systems Research, 2014.
181. Soloot, A.H., Høidalen, H.K., Gustavsen, B., *Resonant Overvoltage Assessment in Offshore Wind Farms via a Parametric Black-Box Wind Turbine Transformer Model.* Wind Energy, 2014.
182. Soloot, A.H., Høidalen, H.K., Gustavsen, B., *The Assessment of Overvoltage protection Within Energization of Offshore Windfarms.* Energy Procedia, 2012. **24**: p. 151-158.
183. Sperstad, I.B. et al., *A Comparison of Single- and Multi-parameter Wave Criteria for Accessing Wind Turbines in Strategic Maintenance and Logistics Models for Offshore Wind Farms.* Energy procedia, 2014. **53**: p. 221-230.
184. Sperstad, I.B. et al., *Investigating Key Decision Problems to Optimize the Operation and Maintenance Strategy of Offshore Wind Farms.* Energy Procedia, 2016. **94**.
185. Sperstad, I.B. et al., *Testing the robustness of optimal access vessel fleet selection for operation and maintenance of offshore wind farms.* Ocean Engineering, 2017. **145**: p. 334-343.
186. Spro, O.C. et al., *Influence of technical limitations and operation on sizing of an offshore energy storage connected to an offshore wind farm.* Energy Procedia, 2015.
187. Stålhane, M. et al., *Vessel Fleet Optimization for Maintenance Operations at Offshore Wind Farms Under Uncertainty.* Energy Procedia, 2016. **94**.
188. Stålhane, M., Hvattum, L.M., Skaar, V., *Optimization of Routing and Scheduling of Vessels to Perform Maintenance at Offshore Wind Farms.* Energy Procedia, 2015. **80**.
189. Stansberg, C.T., *Characteristics of Steep Second-Order Random Waves In Finite and Shallow Water – OMAE* 2011.
190. Stewart, Muskulus, M., *A Review and Comparison of Floating Offshore Wind Turbine Model Experiments.* Energy Procedia, 2016. **94**.
191. Stieng, L.E., et al., *Relative Assessment of Fatigue Loads for Offshore Wind Turbine Support Structures.* Energy Procedia, 2015. **80**.
192. Suja-Thauvin, L., Krokstad, J.R., Frimann-Dahl, J.F., *Maximum Loads on a One Degree of Freedom Model-scale Offshore Wind Turbine.* Energy Procedia, 2016. **94**.
193. Sun, W., Torres-Olguin, R., Anaya-Lara, O., *Investigation on Fault-ride Through Methods for VSC-HVDC Connected Offshore Wind Farms.* Energy Procedia, 2016. **94**: p. 29-36.
194. Svendsen, H., et al., *Integration of offshore wind farm with multiple oil and gas platforms.* IEEE PES Powertech 2011
195. Svendsen, H.G., *Grid model reduction for large scale renewable energy integration analyses.* Energy Procedia, 2015.
196. Svendsen, H.G., Merz, K.O., *Control System for start-up and shut-down of a Floating Vertical Axis Wind Turbine.* Energy Procedia, 2013. **35**: p. 33-42.
197. Svendsen, H.G., *Planning Tool for Clustering and Optimised Grid Connection of Offshore Wind Farms.* Energy Procedia, 2013. **35**: p. 297-306.
198. Svendsen, H.G., Spro, O.C., *PowerGAMA: A new simplified modelling approach for analyses of large interconnected power systems, applied to a 2030 Western Mediterranean case study.* Journal of renewable and sustainable energy, 2016. **8**: p. 055501.
199. Tabib, M. et al., Near wake region of an industrial scale wind turbine: Comparing LES-ALM with LES-SMI simulations using data mining (POD), Journal of Physics, ISSN 1742-6596, volume 854, 2017
200. Tande, J.O. and Korpås, M.,*Impact of OffshoreWind Power on SystemAdequacy in a Regional Hydro-based Power System with Weak Interconnections.* Energy Procedia, 2012.
201. Tande, J.O., Korpås, M., Uhlen, K., *Planning and Operation of Large Offshore Wind Farms in Areas with Limited Power Transfer Capacity.* Wind Engineering, 2012. **36**(1): p. 69-80.
202. Tande, J.O. et al., *Floating Offshore Turbines.* WIRE Energy and Environment, 2014.
203. Taxt, H. et al., *AC Loss Measurements on Multi-filamentary MgB2 Wires with Non-magnetic Sheath Materials.* IEEE Trans. Appl. Supercond., 2013. **23**.
204. Taxt, H., Magnusson, N., Runde, M., *Apparatus for Calorimetric Measurements of Losses in MgB2 Superconductors Exposed to Alternating Currents and External Magnetic Fields.* Cryogenics, 2013. **54**: p. 44-49.
205. Thomassen, P.E., et al., *A Novel Tool for FEM Analysis of Offshore Wind Turbines With Innovative Visualization Techniques.* 2012.

206. Torres-Olguin, R.E., et al., *Experimental Verification of a Voltage Droop Control for Grid Integration of Offshore Wind Farms Using Multi-terminal HVDC.* Energy Procedia, 2014. **53**: p. 104-113.
207. Trötscher, T. et al. *A framework to determine optimal offshore grid structures for wind power integration and power exchange.* Wind Energy, 2011.
208. Utne, I.B., *Maintenance strategies for deep sea offshore wind turbines.* Journal of Quality in Maintenance Engineering, 2010. **16**(4).
209. Uwe, S.P., et al., *1st DeepWind 5 MW baseline design.* Energy Procedia, 2012. **24**: p. 27-35.
210. Valaker, E.A. et al., *Droplet Erosion Protection Coatings for Offshore Wind Turbine Blades.* Energy Procedia, 2015. **80**.
211. Valavi, M., et al., *Influence of Pole and Slot Combinations on Magnetic Forces and Vibration in Low-Speed PM Wind Generators", IEEE Transactions on Magnetics.* IEEE Transactions on Magnetics, 2014. **50**.
212. Valavi, M. et al., *Slot Harmonic Effect on Magnetic Forces and Vibration in Low-Speed Permanent Magnet Machine with Concentrated Windings.* IEEE Transactions on Industry Applications, 2014.
213. Valavi, M., Nysveen, A., Nilssen, R., *Effects of Loading on Radial Magnetic Forces and Vibration in Low-Speed Permanent Magnet Machine with Concentrated Windings.* IEEE Transactions on Magnetics, 2015. **51**.
214. Van Buren, E., *Effect of Foundation Modelling Methodology on the Dynamic Response of Offshore Wind Turbine Support Structures.* OMAE 2011.
215. Van Buren, E., Muskulus, M., *Improving pile foundation models for use in bottom-fixed offshore wind turbine applications.* Energy Procedia, 2012. **24**: p. 363-370.
216. Van Opstal, T. et al., *Isogeometric methods for CFD and FSI-simulation of flow around turbine blades.* Energy Procedia, 2015. **80**: p. 442-449.
217. Van Opstal, T. et al., *Isogeometric Methods for CFD and FSI-Simulation of Flow around Turbine Blades.* Energy Procedia, 2015. **80**: p. 442-449.
218. Vrana, T.K., Mo, O., *Optimal Operation Voltage for Maximal Power Transfer Capability on Very Long HVAC Cables.* Energy Procedia, 2016. **94**: p. 399-408.
219. Wang, K. et al., *A method for modeling of floating vertical axis wind turbine.* Proceedings of the 32th International Conference on Ocean, Offshore and Arctic Engineering, 2013.
220. Wang, K. et al, *Comparative study of a FVAWT and a FHAWT with a semi-submersible floater.* Proceedings of the Twenty-fourth (2014) International Ocean and Polar Engineering Conference, 2014.
221. Wang, K. et al, *Dynamic response analysis of a floating vertical axis wind turbine under emergency shutdown through mechanical brake and hydrodynamic brake.* Energy Procedia, 2014. **53**: p. 56-69.
222. Wang, K. et al., *Model improvements for evaluating the effect of tower tilting on the aerodynamics of a vertical axis wind turbine.* Wind Energy, 2013.
223. Welte, T., Wang, K., *Models for lifetime estimation: an overview with focus on applications to wind turbines (Advances in Manufacturing).* Advances in Manufacturing, 2014. **2**: p. 79-87.
224. Z. Zhang, et al, *Multiphysics modelling of ironless permanent magnet generators.* Energy Procedia, 2014.
225. Zhang, Z., et al., *Efficiency Calculation and Improvement of a Large-diameter Ironless Permanent Magnet Generator.* ICEMS 2012, Sapporo, Japan.
226. Zhang, Z., et al., *Ironless permanent magnet generators for offshore wind turbines.* IEEE Transaction of Industry Applications, 2014. **50**(3): p. 1835-1846.
227. Zhang, Z., et al., *Large-diameter ironless permanent magnet generator for offshore wind power application.* ICEM, France, September 2012.
228. Zhang, Z., et al., *Review of modeling methods in electromagnetic and thermal design of permanent magnet generators for wind turbines.* IEEE Xplore, 2011.
229. Zhang, Z., et al., *State of the art in generator technology for offshore wind energy conversion systems.* IEMDC, Canada, 2011.
230. Ziegler, L., et al., *Effect of Load Sequence and Weather Seasonality on Fatigue Crack Growth for Monopile-based Offshore Wind Turbines.* Energy Procedia, 2016. **94**.
231. Zwick, D., Muskulus, M., *The simulation error caused by input loading variability in offshore wind turbine structural analysis.* Wind Energy, 2014.
232. Zwick, D., Muskulus, M., Moe, G., *Iterative optimization approach for the design of full-height lattice towers for offshore wind turbines.* Energy Procedia, 2012. **24**: p. 297-304.

Reports

1. Albrechtsen, E., Tveiten, C., *Offshore Wind Farms: Safety management framework and issues*. 2011.
2. Anaya-Lara, O., et al., *TR A7258 Control Challenges and Possibilities for Offshore Wind Farms*. 2013.

3. Anaya-Lara, O., *MARINET Infrastructure Access Report - Synthetic inertia from wind generation – power electronic converter capabilities*. 2014.
4. Armada, S., Bjørgum, A., *Relevant experiences in offshore oil & gas industry on degradation mechanisms in materials, coatings and surface treatments*. 2010.
5. Armada, S., et al., *State-of-the-art on coating systems for corrosion and erosion*. 2010.
6. Baarholm, G.S., et al., *Case studies of floating wind turbines*. 2010.
7. Bachynski, E., *External Wind Turbine Controller Interface and Extended Support for Wind Field Inputs for SIMO and RIFLEX*. 2015.
8. Bachynski, E., *External Wind Turbine Controller Interface*. 2015.
9. Bachynski, E., *Implementation and testing of methods for wind loading in a design tool for bottom fixed structures*. 2015.
10. Bachynski, E., *Vertcal Axis Wind Turbines in SIMO*. 2015.
11. Bachynski, E., *Wind turbine functionality in NIRWANA*. 2015.
12. Baptiste, L., J.K. Jørgensen, and D. Notta-Cuvier, *Mechanical modelling of wind turbine rotor blades and composite materials, and more precisely Dynamic modelling of self-adaptive wind turbine blade*. 2015.
13. Bein, T., et al., *Operation & Maintenance of Offshore Wind Parks - Strategic Research Agenda*. 2012.
14. Berbu, A.; Stranden, Ø.; Modeling of a 10MW full-jacket offshore wind turbine in Fedem Windpower, 2012
15. Berge, E., *2009 D1.5 Existing offshore wind boundary layer date*. 2009.
16. Berthelsen, P.A., *Floating support structure for FLEXWT - Preliminary design of the spar buoy for the NOWERI application*. 2010.
17. Berthelsen, P.A., Conseptual design of floater and mooring system for the DeepWind concept. 2014
18. Bjørgum, A., Hofmann, M., Welte, T., *Life cycle cost analysis for corrosion protective coatings*. 2012.
19. Bjørgum, A., Pilz, M., *New coating for corrosion protection of offshore wind turbines*. 2015.
20. Bjørgum, Armada, S., *State-of-the-art on qualitative assessment of maintenance requirements regarding coatings and surface protection*. 2010, SINTEF: Trondheim.
21. Brantsæter, H. and A.R. Årdal, *AN 14.12.42 Dogger Bank Reference Wind Farm AC Design*. 2014.
22. Cheynet, E., Schmid, B., *Wear properties of coatings for wind turbine blades*. 2012.
23. Chittiappa, M., *Experimental Techniques for Floating Offshore Wind Turbines - Literature survey*. 2011.
24. Eek, J., *Wind turbine model library for power system dynamic studies - status*. 2010.
25. Eggen, A.O., *Data requirements for WP5*. 2010.
26. Equey, S., Bjørgum, A., Armada, S., *Assessment of production and maintenance required for wear resistant and low friction surfaces*. 2011.
27. *FEDEM user training 2012*, Step by step guide
28. Frøyd, L., Haugset, S.K., *Analysis and Design of Wind Turbine Blades For Horizontal Axis Wind Turbines Using Blade Element Momentum Theory*. 2010, NTNU.
29. Fylling, I., *WINDOPT - A program for optimisation of floating wind turbines*. 2010.
30. Gaarder, R.H., Fernandes Reia da Costa, E., *Fatigue testing of wind turbine blade UD-glass fibre reinforced epoxy resin composite*. 2015.
31. Gustavsen, B., *Resonant voltage magnification on a transformer low-voltage side caused by network initiated transients*. 2010.
32. Heggset, J., Hofmann, M., *Operation and maintenance of offshore wind farms - trends and outlook*. 2012.
33. Hellevang, J.O.; *Development of floating LIDAR wind measurement buoy*. 2011.
34. Hernando, D., Svendsen, H.G., Pleym, A., *Offshore wind grid connection - state of the art*. 2009.
35. Hernando, D.H., Aigner, T., *Wind Power and PV data and simulation of production times series*. 2013.
36. Hillermeyer, R., *2009 Work and Achievements reflecting in-kind contributions to project - NOWITECH WP2 Project*. 2010.
37. Hoffman, M., Nonås, L.M., Keppler, R.M., *User manual and technical documentation NOWIcob model (D5.1-12)*. 2012.
38. Hofmann, M. Sperstad, I.B., *Input to the NOWIcob model from other tools and models*. 2013.
39. Hofmann, M., et al., *Overview of available data and specification of additional data needs*. 2010.
40. Hofmann, M., *Framework for evaluation of access technology and logistics support*. 2012.
41. Hofmann, M., Nonås, L.M., Halvorsen-Weare, E.E., *Description of a framework and structure for a life cycle cost and benefit model for offshore wind farms - NOWIcob*. 2010.
42. Hofmann, M., Sperstad, I.B., Kolstad, M., *Technical documentation of the NOWIcob tool (D5.1-66)*. 2015.
43. Hofmann, M., Sperstad, I.B., Kolstad, M., *Technical documentation of the NOWIcob tool (for NOWIcob version 3.2)*. 2015, SINTEF Energi.
44. Hofmann, M., Sperstad, I.B., Kolstad, M., *User guide for the NOWIcob tool*. 2015.
45. Hofmann, M., Sperstad, I.B., Kolstad, M., *User guide for the NOWIcob tool (for NOWIcob version 3.2)*. 2016, SINTEF Energi.

46. Hofmann, M., Sperstad, I.B., *Technical Documentation of the NOWIcob tool*. 2014.
47. Hofmann, M., Sperstad, I.B., *User manual and documentation NOWIcob model*. 2012.
48. Hofmann, M., *State of the art of models for offshore wind farms with an emphasis on O&M strategies*. 2010.
49. Holdahl, R., *Flow around a 2D NACA0015 wing pro les at high Reynolds numbers*. 2012.
50. Holdahl, R., *Initial testing of incompressible spline finite element flow solver*. 2010.
51. Holdahl, R., *Numerical approximation of incompressible flows using isogeometric analysis and spline finite elements*. 2010.
52. Holdahl, R., *Numerical simulation of 3D wing profiles NACA0012 and NREL 5-MW reference turbine blade*. 2014.
53. Holdahl, R., *Numerical simulation of 3D wing profiles NACA0012 and NREL 5-MW reference turbine blade*. 2014.
54. Holttinen, H. et al., *Design and operation of power systems with large amounts of wind power. Final summary report, IEA Wind Task 25, Phase three 2012-2014*. 2016.
55. Holttinen, H. et al., *Design and operation of power systems with large amounts of wind power. IEA Wind Task 25*. 2013.
56. Holttinen, H. et al., *IEA Wind Task 25 - Final report 2006-08 Design and operation of power systems with large amounts of wind power*. 2009, VTT.
57. *IRPWIND*. 2016.
58. Karimirad, M., *Specification of semisubmersible 5MW wind turbine for hybrid model testing in MARINTEK*. 2014.
59. Kirkeby, H., *AN 14.12.15 NOWITECH Reference Wind Farm Electrical Design*. 2014.
60. Knauer, A., *Identification of suitable adaptive aerodynamic techniques. Smart blades - Numerical investigation of different concepts*. 2011.
61. Knudsen, O.Ø., *Evaluation of existing coatings for corrosion protection of structural components*. 2010.
62. Kvarving, A.M.; et al *Implementation and veri cation of a Spalart-Allmaras turbulence model*. 2011.
63. Margheritini, L., Sperstad, I.B., and Rialland, A.I., *The capitalisation potential for ports during the development of marine renewable energy*. 2015, Port of Oostende.
64. Martin, R., *State of the art of reliability and availability data*. 2013.
65. Marvik, J.I., *Dynamic analyses of three-terminal HVDC grid connected wind farm*. 2013.
66. Marvik, J.I., Endegnanew, A.G., Svendsen, H.G., *Offshore wind – power transmission system (memo)*. 2012.
67. Marvik, J.I., Endegnanew, A.G., Tande, J.O., *Wind farm power quality measurements*. 2011.
68. Marvik, J.I., *Voltage phase angle impact on wind turbine generator response to voltage dips*. 2012.
69. Mateusz, G., *Case Study of Bottom-Fixed Wind Turbine with Jacket Substructure*. 2011.
70. Matveev, A., *Work done by SmartMotor in 2009*. 2010.
71. Maus, K.J., et al, *Overview of functionality added to 3DFloat 2012, OC4*. 2012.
72. Merz, K., *A Linear State Space Model of the Basic DTU Wind Energy Controller*. 2015.
73. Merz, K., *A Linear State-Space Model of an Offshore Wind turbine, Implemented in the STAS Wind Power Plant Analysis Program*. 2015.
74. Merz, K., *AN 14.12.09 Turbine Placement in the NOWITECH Reference Windfarm*. 2014.
75. Merz, K., *AN 14.12.59 Preliminary Analysis of Torque Damping of an Aeroelastic Instability on the DeepWind Floating Vertical-Axis Wind Turbine*. 2014.
76. Merz, K., *AN 17.12.08 An Engineering Model for Dynamic Wind Power Plant Flow*. 2017.
77. Merz, K., *Analytical gradients in linear state-space models*. 2017.
78. Merz, K., Anaya-Lara, O., *A review of Supervisory Control Strategies for the NOWITECH Reference Windfarm*. 2014.
79. Merz, K., *Enhanced finite beam elements for wind turbine blades*. 2016.
80. Merz, K., *Environmental Loads for Frequency Domain Aeroelastic Analysis of Offshore Wind Turbines*. 2015.
81. Merz, K., *Reduction of Aerodynamic States in the STAS Wind Turbine Module*. 2016.
82. Merz, K., *TR A7382 Viper: A Tool for Computing Energy Production of Large Offshore Wind Farms*. 2014.
83. Mørk, G., Malvik, I.M., *Use of WorldWaves Data for Assessment of Wind Speed and Wind*. 2010.
84. Mubarok, F., *Lubrication systems in the offshore wind turbine: State of the art study*. 2012.
85. Muskulus, M., *Design of new cost-effective bottom-fixed structure for use at 30-70 m water depths. NOWITECH Milestone no 7*. 2013.
86. Muthanna, C., Egeberg, T.F., Scale Effect Studies on airfoil sections. 2011
87. Nakstad, N.K. et al., *Etablering av vindkraft i Norge*. 2014.
88. Navaratnam, C.U., Tørum, A., Arntsen, Ø.A., *Preliminary analysis of wave slamming force response data from tests on a truss structure in large wave flume,Hannover, Germany,* 2014.
89. Nejad, A.R. et al., *Recommendations on Model Fidelity for Wind Turbine Gearbox Simulations*. 2015.
90. Netland, Ø., Skavhaug, A., *Condition Monitoring of Offshore Wind Farms – State of the Art Study*. 2010.
91. Netland, Ø., Skavhaug, A., *Pre-Study on Cost-effective, Remote, Environmental Friendly O&M of Large Scale Offshore Wind Turbine Plants*. 2011.
92. Niklas, M., *Milestone 20: Application of superconducting wires in wind power generators*. 2017.

93. Nonås, L.M., E.E. Halvorsen-Weare, and M. Stålhane, *FLOW documentation and manual*. 2012.
94. Nonås, L.M., E.H. Weare, and M. Hoffman, *Vessel fleet size and mix analysis for maintaining an offshore wind farm*. 2012.
95. Norddal, P.K. and T. Brurok, *Condition and performance data for wind farms in life cycle perspective*. 2012.
96. Nygaard, T.A. and I. Fylling, *State of the art of computational tools for integrated simulation of floating wind turbines*. 2010.
97. Nygaard, T.A., *IEA Wind Task 30 Offshore Code Comparison Collaborative Continuation (OC4) Project, IFE Status June 2011*. 2011.
98. Nygaard, T.A., *MARINET Infrastructure access report - Wave tank testing of Tension-Leg-Buoy (TLB) offshore wind power platforms*. 2014.
99. Oggiano, L., *CFD calculations on the NREL Phase VI rotor in parked conditions within the IEA task 29: Phase 2, task 1*. 2013.
100. Oggiano, L.; CFD calculations on different size rotors using the URANS software TAU-DLR, IFE, 2012
101. Økland, O.D., *Control scheme for load mitigation and minimization of motions of floating wind turbine. Milestone delivery no 15*. 2013.
102. Ormberg, H.; Hals, J.; Added functionality for offshore wind turbines in the MARINTEK software suite, MARINTEK 2014
103. Petersen, I., *Wind Time Series User Guide*. 2012.
104. Peyrard, C., *Offshore Wind Turbines: Mechanical Behaviour Model*. 2010.
105. Pleym, A. et al., *Generatoren - Hva kan vi ta med oss fra den store vannkraftperioden over til vindkraftperioden? - Kompendium*. 2010.
106. Reigstad, T.I., Svendsen, H.G., *Wind farm control applications for Windscanner infrastructure*. 2015.
107. Rødseth, H., Valland, A., Brurok, T., *Technical condition indexing of an offshore wind farm*. 2013.
108. Sagli, G., *A Study of Wind Effects on a Spar Buoy Wind Turbine - Application of the Contour Line Method*. 2011.
109. Sagli, G., *Interface for Import of Wind Loads In NIRWANA*. 2010.
110. Sauder, T., *Technical memo: preliminary test*. 2015.
111. Schepers, et al., and H.G. Svendsen, *EERA DTOC calculation of scenarios*. 2015.
112. Schmid, B., Echtermeyer, A., Cox, K., *Preliminary_NOWITECH WP2 - Blade technology Milestone report 2013. Status of milestone first half of NOWITECH project period*. 2013.
113. Schmid, B., Matveev, A., Zhang, Z., *Preliminary_NOWITECH WP2 – Generator technology. Milestone report 2013*.
114. Simon, C., Pilz, M. and Adamczak, M., *Nanotechnology based coatings resistant to wear, erosion, soiling, icing as well as salt*. 2010.
115. Sin, J.R., *Cost analysis of polyurethane coatings for leading edge protection*. 2014.
116. Skavhaug, A., *State of the art review: Wireless communication (D5.2-5)*. 2011.
117. Slagtern, Å., *Prospect Evaluation Study Report*. 2009.
118. Smart, G., et al., *Task 26 – Cost of Energy; Work Package 2 – Offshore Wind; Documentation of the Baseline*. 2016, Offshore Renewable Energy Catapult.
119. Sørheim, E.; *Multimethod Optimization Tool for IFE simulation models*. 2011.
120. Sørheim, E.;, *State of the art multi-dicipline optimization*. 2011.
121. Sperstad, I.B., *Survey of literature on offshore wind farm grid reliability analysis*. 2015.
122. Stålhane, M., Nonås, L.M., *Routing and scheduling of maintenance operations at an offshore wind farm*. 2014.
123. Stenbro, R., *Preliminary report_Overview of the work done on the NOWITECH WP1 milestone named "Design tool for cost optimization of floating support structure and mooring system"*. 2013.
124. Stenbro, R., *Preliminary report_Overview of work done on the NOWITECH milestone named "Characterisation of micro scaled wind"*. 2013.
125. Støylen, H., Svendsen, H.G., *Electrical Design of a 1200 MW offshore wind farm*. 2013.
126. Strasunskas, D., *Valuation of Remote Presence Robotics in Offshore Wind Turbines*. 2012.
127. Svendsen, H.G., Endegnanew, A.G., *DeepWind - Description of control concepts for grid code compliance*. 2013.
128. Svendsen, H.G., Hadiya, M., Øyslebø, E.V., *Integration of offshore wind f arm with oil and gas platforms*. 2011.
129. Svendsen, H.G., Merz, K., *DeepWind - Description of rotor control concepts*. 2013.
130. Svendsen, H.G., Merz, K., *DeepWind - Description of simplified numerical simulation model suitable for development of control concepts*. 2012.
131. Svendsen, H.G., *Milestone 11: Recommendation on technical solutions and control requirements for integration of offshore wind farms to shore and to oil and gas installations*. 2014.
132. Svendsen, H.G., *Milestone 22: A fully operational laboratory setup (on the scale 20-50 kW) capable of demonstrating innovative solutions to offshore wind power conversion and grid operation*. 2016.
133. Svendsen, H.G., *Nordic hydro storage for balancing of wind power (IRPWIND D83.5)*
134. Svendsen, H.G., *Power Grid and Market Analysis (PowerGAMA) - website*. 2017.
135. Svendsen, H.G., *Towards a software assessment tool for electrical design of offshore wind farms*. 2016.

136. Taby, J., *Case study of floating Wind Turbine Based on Windfloat Concept*. 2011.
137. Tande, J.O., Bolstad, H.C. *NOWITECH Annual Report 2013*. 2014.
138. Tande, J.O., *DeepWind2012 - 9th Deep Sea Offshore Wind Seminar, 19 - 20 January 2012, Royal Garden Hotel, Trondheim, Norway*.
139. Tande, J.O., *EERA DeepWind'2014 Conference 22 - 24 January 2014*
140. Tande, J.O., *Grid connection of offshore wind farms*. 2012.
141. Tande, J.O., Kvamsdal, T., Muskulus, M., *12th Deep Sea Offshore Wind R&D Conference, EERA DeepWind'2015*. 2015, Elsevier. p. 1-450.
142. Tande, J.O., Kvamsdal, T., Muskulus, M., *13th Deep Sea Offshore Wind R&D Conference, EERA DeepWind'2016*. 2016, Elsevier. p. 543.
143. Tande, J.O., Kvamsdal, T., Muskulus, M., *DeepWind'2013 - 10th Deep Sea Offshore Wind R&D Conference 2013*. 2013, Elsevier. p. 1-324.
144. Tande, J.O., Kvamsdal, T., Muskulus, M., *EERA DeepWind'2014, 11th Deep Sea Offshore Wind R&D Conference*. 2014, Elsevier. p. 1-352.
145. Tande, J.O., *NOWITECH Annual report 2009*.
146. Tande, J.O., *NOWITECH Annual Report 2010*.
147. Tande, J.O., *NOWITECH Annual Report 2011*.
148. Tande, J.O., *NOWITECH Annual Report 2012*.
149. Tande, J.O., NOWITECH Annual Report 2013
150. Tande, J.O., NOWITECH Annual Report 2014
151. Tande, J.O., NOWITECH Annual Report 2015
152. Tande, J.O., NOWITECH Annual Report 2016
153. Tande, J.O., *NOWITECH Day 2012*.
154. Tande, J.O., *NOWITECH Day 2013, 11 June*. 2013.
155. Tande, J.O., *NTVA REview 2014*. 2015.
156. Tande, J.O., *TR A7307 Deep Sea Offshore Wind R&D Conference 24 - 25 January 2013*.
157. Tande, J.O., *Wind Power R&D Seminar - Deep Sea Offshore Wind - Trondheim, Norway, 20 - 21 January 2011*.
158. Tande, J.O., *Wind Power R&D Seminar - Deep Sea Offshore Wind*. 2010.
159. Torres-Olguin, R., Årdal, A.R., *Laboratory implementation of a Multi-Terminal DC Grid*. 2014.
160. Tørum, A., *Analysis of force response data from tests on a model of a truss structure subjected to plunging breaking waves.* 2014.
161. Tyholdt, F., *Identification of integrated sensor concepts for feedback control and condition monitoring*. 2011.
162. Uhlen, K., et al., *Milestone 10: Numerical simulation models of offshore wind farms and electrical infrastructure for assessment of power system operation and grid stability*. 2013.
163. Valland, A., Brembo, J.C., *Pre-study on expected degradation mechanisms and failures in offshore wind turbines*. 2013.
164. Valland, A., et al., *D.5.2-19 – Probabilistic modeling of wind farm using TCI framework*. 2015.
165. Valland, A., Solstad, T., Hope, B., *RPAS for inspection of wind turbine blades*. 2015.
166. Van Rij, J., *State-of-the-art for CFD analysis of wind turbine rotors*. 2010.
167. Van Rij, J., *Turbine Wake modeling (for comments)*. 2011.
168. Virgile, D., *Modelling fatigue of composites*. 2011.
169. Vogl, A. et al., *Sensors for condition monitoring of different components of (offshore-) wind power plants. Possibilities for further evaluation in Nowitech and beyond*. 2012.
170. Vogt-Svendsen, S. et al, *Initial Optimization of 1-, 2- and 3-bladed Wind Turbine Rotors*. 2011.
171. Welte, T., *Holistic concept of O&M for offshore wind farms*. 2016.
172. Welte, T., Slimacek, V., *Degradation and failure models for offshore wind turbines*. 2013.
173. Welte, T., *Surveillance and condition monitoring of offshore wind turbines*. 2016, SINTEF Energi.
174. Wilson, P.A., *Idea generation & development of Ideas*. 2013.

Conference Paper

1. Adaramola, M.S., et al. *Power output optimisation from an offshore wind farm*. EWEA Offshore Conference and Exhibition; Amsterdam, The Netherlands; 29 November to 2 December 2011
2. Anaya-Lara, O. et al., *Control challenges and possibilities for large offshore wind farm.* EPE Joint Wind Energy and T&D Chapters Seminar, Trondheim, Norway, 9-11 May 2011
3. Anaya-Lara, O., et al. *North Sea Offshore Networks Basic Connection Schemes: Dynamic Performance Assessment*. EPE Joint Wind Energy and T&D Chapters Seminar; 9, 10 and 11 May 2011; Trondheim; Norway
4. Anaya-Lara, O., et al. *Performance assessment of floating wind turbines during grid faults*. 2011.

5. Anaya-Lara, O., Uhlen, K., Tande, J.O., *Developments and Opportunities in HVDC Offshore Grids Research*. 2014., EWEC 2014; Barcelona; March, 10 – 13 2014
6. Armada, S., et al. *Organic coatings reinforced with ceramic particles: an erosion study*. EWEC 2010; Warsaw, Poland; April 20 - 23, 2010.
7. Azcona, J. et al., *Aerodynamic Thrust Modelling in Wave Tank Tests of Offshore Floating Wind Turbines Using a Ducted Fan*. The Science of Making Torque from Wind, Copenhagen, 17 June 2014
8. Bachynski, E.; Ormberg, H.; Hydrodynamic modelling of a large-diameter bottom-fixed offshore wind turbines; OMAE 2015, Volume 9
9. Barahona, B., et al. *Integrated analysis of DFIG drive-train and power electronics dynamics during electrical AC faults and wind disturbances*. EPE Joint Wind Energy and T&D Chapters Seminar; Trondheim; Norway; 9-11 May 2011
10. Barrera-Cardenas, R. *A comparison of WECS based on medium frequency AC-link for offshore DC Wind Park*. IEEE PowerTech; Grenoble; Jun 2013
11. Berthelsen, P.A. Fylling, I., *Optimization of floating support structures for deep water wind turbines*. EWEA 2011 conference, 14-17 March 2011, Brussels, Belgium
12. Bracchi, T., Krogstad, P.Å., *Yaw moments of a three-axis wind turbine with yaw error*, Proc. 22nd International Offshore and Polar Engineering Conference; ISOPE; Rhodes; 17-22 June 2012
13. Cox, Echtermeyer, A., *Load alleviation from an adaptive 10 MW wind turbine blade*. 2012. http://www.dewi.de/DwK12pRocD/. DEWEK 2012; Bremen; Germany; 7 - 8 November 2012
14. Dai, L., Rausand, M., Utne, I.B., *How IEC 61508 can be used to design safe offshore wind turbines*. ESREL 2011; Troyes, France;18 - 22 September 2011
15. Dai, L., Rausand, M., Utne, I.B., *RAMS Engineering in the Development of Sustainable Energy Production Systems*. 2010. PSAM; Seattle, USA; June 2010
16. Dai, L., Rausand, M., Utne, I.B., *Task Analysis in the Development Process of Access Systems for Offshore Wind Turbines*. 2011. EWEA 2011; Brussels; 14-17 March 2011
17. Dong, W.B., Gao, Z., Moan, T., *Fatigue reliability analysis of jacket-type offshore wind turbine considering inspection and repair*. 2010. EWEC; Warsaw, Poland; 2010-04-20 - 2010-04-23
    EAWE 6th PhD Seminar on Wind Energy in Europe; NTNU, Trondheim; 30.September-1.oktober 2010
18. Endegnanew, A.G., Svendsen, H.G., *Grid code compliance of the DeepWind floating vertical axis wind turbine*. EWEA Offshore 2013, Frankfurt.
19. Eriksen, P.E. et al., *A multi component hot-wire probe and its application and feasibility in wind turbine wake measurements*. Proceedings of 9th PhD Seminar on Wind Energy in Europe September 18-20, 2013, Uppsala University Campus Gotland, Sweden
20. Eriksen, P.E. et al., *Phase-locked averaging of mean velocity and turbulent quantities in a wind turbine wake*. Wind Energy Science and Technology, RUZGEM 2013, October 3-4, 2013, Ankara, TURKEY
21. Estanqueiro, A., et al. *Contribution of Energy Storage for Large-scale Integration of Variable Generation*. Lisboa; 2012.
22. Feilberg, N., Svendsen, H.G., Forseth, A.M., *Effects of increased voltage in distribution grids*. 2014.
23. Fonn, E. et al, *Spline based mesh generator for wind turbine blades*. 2014. 25th Nordic Seminar on Computational Mechanics.
24. Frøyd, L., Dahlhaug, O.G., *An Integrated Design Tool for Large Wind Turbine Blades*. 7th PhD seminar on wind energy in Europe; Delft, The Netherlands; 27-28 Oct. 2011
25. Frøyd, L., Dahlhaug, O.G., Hansen, M.H., *Prediction of flutter speed on a 10 MW wind turbine*. 2011. European Wind Energy Association, EWEA Offshore 2011, Amsterdam, The Netherlands, 29 Nov - 1 Dec. 2011
26. Gao, Z., et al. *Dynamic analysis of offshore fixed wind turbines under wind and wave loads using alternative computer codes*. Torque2010; The Science of making Torque from Wind; June 28-30, 2010; FORTH, Heraklion, Crete; Greece
27. Garces, A., Barrera-Cardenas, R-. Molinas, M., *Optimal Control for an HVDC System with Series*. IEEE ECCE 2013; Denver; USA
28. Gjerde, S., Olsen, P,K., Undeland, T., *A Transformerless Generator-Converter Concept Making Feasible a 100 kV Light Weight Offshore Wind Turbine: Part II - The converter*. 2012 IEEE Energy Conversion Congress and Exposition (ECCE); Raleigh; USA; September 2012
29. Haileselassie, T., Uhlen, K., *Control of multiterminal HVDC and its impact on multi-national power market*. CIGRE International Symposium; Recife 2011; Brasil; 3 - 6 April 2011
30. Haileselassie, T., Uhlen, K., *Primary Frequency Control of Remote Grids Connected by Multi-terminal HVDC*. IEEE PES 2010; Minnesota, USA; 25.-29. July 2010
31. Haileselassie, T., Uhlen, K., Undeland, T., *Control of Multiterminal HVDC Transmission for Offshore Wind Energy*. Nordic Windpower Conference; Bornholm; 10.-11. september 2009.
32. Hameed, Z., Vatn, J., *A framework for the analysis of reliability and maintainability of offshore wind farms*.
33. Hameed, Z., Vatn, J., *Abstract - Discussions on the maintenance optimization of offshore wind turbine*. 2012. 8th PhD Seminar on Wind Energy in Europe; 12th - 13th September 2012; ETH Zurich; Switzerland

34. Hameed, Z., Vatn, J., *Development of the optimal inspection and repair strategies for offshore wind turbines*. ESReDA; Bordaux; France; May 25 - 26, 2011
35. Hameed, Z., Vatn, J., *Grouping of maintenance and Optimization by using Genetic Algorithm*. ESRA seminar; Pecs, Hungary; 4.-5. May 2010
36. Hameed, Z., Vatn, J., *Importance of reliability data analysis to estimate the parameters for the maintenance optimization of offshore wind turbines*. 42nd ESReDA Seminar on Risk and Reliability for Wind Energy and other Renewable Sources; 15th and 16th May 2012; University of Strathclyde, Glasgow
37. Hameed, Z., Vatn, J., *Reliability of offshore wind turbines by grouping suitable inspection regimes*. EWEA 2011; Brüssel; 14. - 17. March 2011
38. Hameed, Z., Vatn, J., *Role of condition monitoring in the realization of dynamic grouping and its optimization using Genetic Algorithm for offshore wind turbines*. COMADEM2011; Stavanger; 30. May - 1. June 2011
39. Hameed, Z., Vatn, J., *State based models applied to offshore wind turbine maintenance and renewal*. ESREL 2011; 18 - 22 September 2011; Troyes; France
40. Hameed, Z., Vatn, J., Velibeglio, M., *Challenges in safety and reliability data collection for offshore wind turbines*. ESREL 2010; Rhodes, Greece; 5. - 9. September 2010.
41. Hernando, D.H., et al, *Analysis of grid alternatives for North Sea offshore wind farms using a flow-based market model*. 2010. Madrid: IEEE Xplore. 7th International Conference on the European Energy Market (EEM 10); Madrid; June 23-25
42. Hofmann, M., et al. *A Concept for Cost Benefit Analysis of Offshore Wind Farms with focus on Operation and Maintenance*. COMADEM2011; Stavanger; 30 May - 1. June 2011
43. Hofmann, M., et al. *A framework and model for optimizing maintenance and logistics activities*. EWEA Offshore 2011; Amsterdam; 29 November - 1 December 2011
44. Hofmann, M., Sperstad, I.B., *Analysis of sensitivities in maintenance strategies for offshore wind farms using a simulation model*. EWEA OFFSHORE 2013; Frankfurt; 19 November - 21 November 2013
45. Holttinen, H., et al. *Impacts of large amounts of wind power of design and operation of power systems, results of IEA collaboration*. 8th International Workshop on Large Scale Integration of Wind Power into Power Systems; Bremen, Germany; 14.-15. Oct. 2009
46. Holttinen, H., et al. *Summary of experiences and studies for Wind Integration - IEA Wind Task 25*. 13th International Workshop on Large-Scale Integration of Wind Power into Power Systems; London; 20 - 22 October 2013
47. Jason, J., et al. *Offshore Code Comparison Collaboration Continuation (OC4), Phase I – Results of Coupled Simulations of an Offshore Wind Turbine with Jacket Support Structure*. 22nd International Society of Offshore and Polar Engineers Conference Rhodes, Greece June 17 – 22, 2012
48. Jonkman, J., et al. *Offshore Code Comparison Collaboration within IEA Wind Task 23: Phase IV Results Regarding Floating Wind Turbine Modeling*. EWEC; Warsaw, Poland; 2010-04-20 - 2010-04-23
49. Karimirad, M., Gao, Z., Moan, T., *Dynamic Motion Analysis of Catenary Moored Spar Wind Turbine in Extreme Environmental Conditions, European Offshore Wind Conference 2009*
50. Karimirad, M., Moan, T., *Ameliorating the Negative Damping in the Dynamic Responses of a Tension Leg Spar-Type Support Structure with a Downwind Turbine,* EWEA 2011 conference, 14-17 March 2011, Brussels, Belgium
51. Karimirad, M., Moan, T., *Effect of Aerodynamic and Hydrodynamic Damping on Dynamic Response of a Spar Type Floating Wind Turbine*. EWEC2010; Warsaw; Poland; April 20 - 23, 2010
52. Karimirad, M., Moan, T., *Wave and wind induced motion response of catenary moored spar wind turbine*. International Conference on Computational Methods in Marine Engineering MARINE 2009; Barcelona; 2009
53. Knudsen, O.Ø., Bjørgum, A., *Corrosion protection of offshore wind turbines – long life protective coatings*. 2009.
54. Knudsen, O.Ø., Schnars, H., Van der Mijle Meijer, H., *Protective coatings for offshore wind farms*. Eurocorr 2012; Istanbul; Turkey; 9 - 13 September 2012
55. Kristiansen, M. et al, *Multistage grid investments incorporating uncertainty in offshore wind developments*. DeepWind 2017; Trondheim; Jan 2017
56. Krogstad, P.Å. *About the NTNU wind turbine data base and its use for prediction method verification*. Invited key note speaker; 15th Nordic Pilot Centre conference; Porvoo; Finland, 28-29 August 2012.
57. Krogstad, P.Å., Eriksen, P.E., *"Blind test" predictions of the performance and wake development for a model wind turbine*. 8 Australasian Fluid Mechanics Conference, Launceston, Australia, December 2012.
58. Kvarving, A.M. et al., *Parallel computations of air flow around wind turbine blades, Parallel CFD 2014, Parallel Computational Fluid Dynamics*. 2014. Trondheim: CIMNE.
59. Lund, P.C., Tveiten, B.W., Tande, J.O., *The Battery of Europe: Strategies for Norwegian Offshore Wind Energy*. Renewable Energy 2010; Tokyo, Japan; 27. June - 2. July 2010
60. Marvik, J.I., Svendsen, H.G., *Integration of wind power with multiple oil and gas platforms in an isolated offshore system*. 2011.

61. Marvik, J.I., Svendsen, H.G., *Stability in offshore wind farm with HVDC connection to mainland grid.* EWEA Offshore 2011; Amsterdam; 29 November 2011
62. Matveev, A., et al. *Permanent magnet generator with three stators for renewable energy converters*. INTERMAG 2014; Dresden; Germany
63. Merz, K.O., Gudmestad, O.T., *A Review of Hydrodynamic effects on bottom-fixed offshore wind turbines*. OMAE 2009; Honolulu, USA; May 31 - June 5. 2009
64. Moan, T. *Stochastic Dynamic Response Analysis of Offshore Wind Turbines in a Reliability Perspective _ Keynote Prof Torgeir Moan*. EURODYN 2014; Porto; Portugal; 30 June - 2 July 2014
65. Moe, G., Niedzwecki, J.M., *Flow-Induced vibrations of offshore flare towers and flare booms*. Fluid-Structure Interaction Conference; Crete, Greece; May 2009
66. Mubarok, F., Armada, S., Espallargas, N., *Tribological Characterization of Thermally Sprayed Silicon Carbide Coatings*. World Tribology Congress 2013; Torino; Italy; September 8 – 13, 2013
67. Mubarok, F., et al. *Effect of suspension characteristics on microstructure of suspension plasma sprayed Sic submicron coatings*. ITSC 2011; Hamburg; 27 - 29 September 2011
68. Mubarok, F., et al. *Novel coating system for rotating parts in offshore wind turbines*. 26th PhD Seminar on Wind Energy in Europe; NTNU; Trondheim; 30. September - 1. October 2010
69. Mubarok, F., et al. *Thermally sprayed SiC coatings for offshore wind bearing applications*. Asian Thermal spray Conference 2012; Tsukuba; Japan; November 2012
70. Mugica, M.S., et al. *Grid integration and power quality testing of Marine Energy Converters: Research Activities in the MARINET project*. 2014 Ninth International Conference on Ecological Vehicles and Renewable Energies (EVER) 2014; Monaco; 25 - 27 March
71. Netland, Ø., Jensen, G.D., Skavhaug, A., *Experimental design of a feasibility study for remote inspection of wind turbines*. EWEA Offshore 2011; Amsterdam 29 november - 1 desember 2011
72. Netland, Ø., Skavhaug, A., *Extending Condition Monitoring of Offshore Wind Farms with Remote Inspection*. COMADEM2011; Stavanger; 30. May - 1. June 2011
73. Netland, Ø., Skavhaug, A., *Remote Presence, Cost-Effective Robotic Inspection and Maintenance of Offshore Wind Turbines*. 6th PhD Seminar on Wind Energy in Europe; NTNU; Trondheim; 30. September - 1. Oktober 2010
74. Netland, Ø., Skavhaug, A., *Two Pilot Experiments on the Feasibility of Telerobotic Inspection of Offshore Wind Turbines*. EUROMICRO / IEEE Workshop on Embedded and Cyber-Physical Systems 2013; June 19; Hotel "Slovenska Plaza"; Budva; Montenegro
75. Nordanger, K. et al, *Two-dimensional flow past NACA0015 airfoil, Parallel CFD 2014, Parallel Computational Fluid Dynamics*. 2014. Trondheim: CIMNE.
76. Ormberg, H., Bachynski, E., *Global analysis of floating wind turbines: Code Development, Model Sensitivity and Benchmark Study*. Twenty-second (2012) International Offshore and Polar Engineering Conference; Rhodes; Greece; 17 - 22 June 2012
77. Paulsen, U.S. et al., *Deepwind – An innovative wind tur bine concept for offshore.* EWEA 2011 conference, 14-17 March 2011, Brussels, Belgium
78. Pedersen, M.D., Fossen, T.I., *Efficient nonlinear wind-turbine modeling for control applications*. Mathmod 2012; 7th Vienna International Conference on Mathematical Modelling; Vienna; 15 - 17 February 2012
79. Pedersen, M.D., Fossen, T.I., *Efficient Nonlinear Wind-Turbine Modeling For Control Applications*. 2012.
80. Pierella, F., Sætran, L., *Effect of initial conditions on flow past grids of finite extension*. 2010.
81. Popko, W. et al, *Offshore Code Comparison Collaboration Continuation (OC4), Phase I – Results of Coupled Simulations of an Offshore Wind Turbine with Jacket Support Structure*. 22nd International Society of Offshore and Polar Engineers Conference Rhodes, Greece June 17 – 22, 2012
82. Reiso, M., Moe, G., *Blade Response on Offshore Bottom-Fixed wind turbines with down-wind rotors*. OMAE 2010; Shanghai; China; June 6 - 11, 2010
83. Robertson, A. et al., *Offshore Code Comparison Collaboration, Continuation: Phase II Results of a Floating Semisubmersible Wind System*. Nordac 2014; Stockholm; 8. Sep 2014
84. See, C.S., et al. *A method for optimizing the offer price of collaborative power generators*. IEEE PowerTech; Grenoble; 2013
85. See, P.C.; Molinas, M., Search-Enhanced Instantaneous Frequency Detection Algorithm: A preliminary design; Cornell University Library, 2015
86. Smith, J.C., et al. *Transmission Planning for Wind Energy: Status and Prospects*. 9th International Workshop on Large Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants; Quebec, Canada; 18.-19. October 2010
87. Soloot, A., Høidalen, H.K., Gustavsen, B., *A study of switching overvoltages in offshore wind farm*. International Symposium on High Voltage Engineering; Germany; August 2011

88. Soloot, A., Høidalen, H.K., Gustavsen, B., *Frequency domain investigation of switching transients in Offshore Wind Farms*. IEEE Powertech Conference; 2011; Trondheim; 19 - 23 June 2011
89. Soloot, A., Høidalen, H.K., Gustavsen, B., *Internal Resonant Overvoltage in Wind Turbine Transformers- Sensitivity Analysis of Measurement Techniques*. ICEMS 2013; Busan, Korea; Oct. 2013
90. Soloot, A., Høidalen, H.K., Gustavsen, B., *Modeling of Wind Turbine Transformers for the Analysis of Resonant Overvoltages*. IPST2013; Vancouver, Canada; July 2013
91. Soloot, A., Høidalen, H.K., Gustavsen, B., *The effect of winding design on transformer frequency response with application on offshore wind farm energization*. Renewable Energy Research and Applications (ICRERA), 2012 International Conference
92. Soloot, A., Høidalen, H.K., Gustavsen, B., *Upon the improvement of the winding design of wind turbine transformers for safer performance within resonant overvoltages*. CIGRE SC A2 & C4 joint colloquium 2013; Zurich; 2013
93. Soloot, A., Høidalen, H.K., *Upon the Impact of Power System and Vacuum Circuit Breaker Parameters on Transient Recovery Voltage*. 20 Asia-Pacific Power and Energy Engineering Conference (APPEEC); Chengdu; 2010
94. Soloot, A.H., et al. *Investigation of Resonant Overvoltages in Offshore Wind Farms- Modeling and Protection*. IPST2013; Vancouver, Canada, July 2013
95. Svendsen, H.G. et al, *Control of floating vertical axis wind turbine*. EWEA; Copenhagen; April 2012
96. Svendsen, H.G., Endegnanew, A., *Automated grid connection design process for offshore wind farm cluster*. EWEA Offshore; Frankfurt; Nov 2013
97. Trötscher, T., Korpås, M., *Optimal design of a subsea power grid in the North Sea*. 2009. European Offshore Wind Conference, Stockholm, 14. - 16. September 2009
98. Tveiten, B.W., et al. *Offshore Wind Technology Research in Norway - An overview of National Research Programs*. Renewable Energy 2010; Yokohama; Japan; 27 June - 2. July 2010
99. Uhlen, K., et al. *Laboratory Demonstration of an Offshore Grid in the North Sea with DC Droop Control*. EVER'14;Session: Offshore renewable energy: technologies and applications; March 25-27, 2014; Monte-Carlo
100. Valavi, M. et al., *Multiple-Airgap Iron-Cored Direct-Driven Permanent Magnet Wind Generators*. ICEM 2014; Berlin; Germany
101. Valavi, M., Nysveen, A., Nilssen, R., *Analysis of a Low-Speed PM Wind Generator with Concentrated Windings in Eccentricity Conditions*. 2014.
102. Valavi, M., Nysveen, A., Nilssen, R., *Characterization of Radial Magnetic Forces in Low-Speed Permanent Magnet Wind Generator with Non-overlapping Concentrated Windings*. ICEM 2012; Marseille; France; 2 - 5 September 2012
103. Valavi, M., Nysveen, A., Nilssen, R., *Effects of Loading on Radial Magnetic Forces in Low-Speed Permanent Magnet Machine with Concentrated Windings*. ICEM 2014; Berlin; Germany
104. Valavi, M., Nysveen, A., Nilssen, R., *Influence of Slot Harmonics on Radial Magnetic Forces in Low-Speed PM Machines with Concentrated Windings*. EMS 2013; 26 - 29 October 2013; Korea
105. Valavi, M., Nysveen, A., Nilssen, R., *Magnetic Forces and Vibration in Permanent Magnet Machines with Non-overlapping Concentrated Windings: A Review*. ICIT 2012; Athen, Greece; 19 - 21 March 2012
106. Valland, A., Dyrkoren, E., Heggset, J., *Transfer of methods and experiences from operation and maintenance in other industries to offshore wind farms*. 2011. COMADEM International, U.K.
107. Valland, A., *Integrated operations - A success story from the oil & gas industry*. EWEA 2011; Amstedam; 29 November - 1 December 2011
108. Valland, A., *Plant reliability - which turbine needs intervention, and when?* EWEA Offshore 2011; Brüssel; 14. - 17. mars 2011
109. Van Buren, E. *Effect of Foundation Modeling Methodology on the Dynamic Response of Offshore Wind Turbine Support Structures*. EAWE 6th PhD Seminar on Wind Energy in Europe; NTNU, Trondheim; 30.September-1.oktober 2010
110. Van Rij, J. *Development and evaluation of the 3DWind Actuator-disk wake model.* Wake Conference 2011, Visby Gotland, June 8-9 2011
111. Vrana, T.K., *Review of HVDC Component Ratins: XLPE Cables and VSC Converters*. Energy Conference (ENERGYCON); Leuven, Belgium, 4 - 8 april 2016
112. Vrana, T.K., Svendsen, H.G., Endegnanew, A.G., *Wind Power Grid Codes - Historic Development, Present State and Future Outlook*. Wind Integration Workshop; Brussel; 2015-10-22
113. Völler, S., Doorman, G., *Changes in the Utilisation of the Norwegian Hydro Reservoir by balancing the North Sea Offshore Wind*. EWEA Offshore 2011; Amsterdam; 29 November - 1 December 2011
114. Wang, K., Moan, T., Laver Hansen, M.O., *A method for modelling of floating vertical axis wind turbine.* Proceedings of the 32th International Conference on Ocean, Offshore and Arctic Engineering; OMAE 2013; June 9 - 14, 2013; Nantes; France
115. Yasuda, Y., et al., *Flexibility chart. Evaluation on Diversity of Flexibility in Various areas*. 3th International Workshop on Large-Scale Integration of Wind Power into Power Systems; London; 20 - 22 October 2013

116. Zhang, Z., *Comparison of Data-driven and Model-based Methodologies of Wind Turbine Fault Detection with SCADA Data*. EWEA 2014; Barcelona; 10 - 13 March 2014
117. Zhaoqiang, Z., et al. *State of the Art in Generator Technology for Offshore Wind Energy Conversions Systems*. IEMDC 2011; Niagara Falls; 15 – 18 May 2011
118. Zhaoqiang, Z., *State of the Art on Generator Technology for Wind Power Plants*. EAWE 6th PhD Seminar on Wind Energy in Europe; NTNU, Trondheim; 30 September-1 October 2010
119. Zwick, D., Moe, G., *Loads and dynamics in lattice tower support structures for offshore wind turbines*. EAWE 6th PhD Seminar on Wind Energy in Europe; NTNU, Trondheim; 30 September-1 October 2010
120. Årdal, A.R., D'Arco, S., Sharifabadi, K., *Grid integration of Offshore Wind Power Plants with Oil and Gas Installations*. 12th International Workshop on Large-Scale Integration of Wind Power into Power Systems; London; 22 - 24 October 2013
121. Årdal, A.R., et al. *Offshore Wind as Power Supply to Oil and Gas Platforms*. Offshore Technology Conference; Houston 2012; 30 April - 3 May 2012

Conference presentations

1. Anaya-Lara, O., *Invited Keynote - Developments and Opportunities in HVDC Offshore Grids Research*. EWEC 2014; Barcelona; March 10 - 13
2. Anaya-Lara, O., Endegnanew, A.G. et al. *Poster - Performance assessment of floating wind turbines during grid faults - Best Poster Award*. EWEA OFFSHORE 2011 Conference and exhibition; Amsterdam; 29 November - 1 December 2011
3. Anaya-Lara, O., et al. *Control challenges and opportunities for large offshore wind farms*. EPE Joint Wind Energy and T&D Chapters Seminar; Trondheim; Norway; 9-11 May 2011
4. Årdal, A.R., *Stability Improvements in Oil Platforms from Wind Turbines*. 9th Deep Sea Offshore Wind Seminar; 19 - 20 January 2012
5. Armada, S., Bjørgum, A., Knudsen, Ø.E., *Offshore wind mills and coatings; the perfect match*. EOW, Stockholm, 14.-16. September 2009
6. Bachynski, E., *Real-time hybrid testing of a braceless semi-submersible wind turbine*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
7. Barrera-Cardenas, A., *Poster_Optimized design of a Modular Power Converter Based on Medium Frequency AC-Link for offshore DC Wind park*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
8. Barrera-Cardenas, R., Molinas, M., *Analysis and Design of a LCL DC/DC converter for Offshore Wind Turbines*. EERA DeepWind 2014.
9. Barrera-Cardenas, R., Molinas, M., *Multi-objective Optimization of a Modular Power Converter Based on Medium Frequency AC-Link for Offshore DC Wind Park*. DeepWind 2013; Trondheim; 24 - 25 January 2013
10. Bartl, J., Sætran, L., *Experimental testing of induction based control strategies for wind farm optimization*. EERA Deepwind 2016.
11. Berthelsen, P.A., *NOWITECH Work Package 6 Assessment of alternative design concepts*. NOWITECH Days; NTNU; Trondheim; 9 - 10 June 2011
12. Berthelsen, P.A., *Optimization of floating support structures for deep water wind turbines*. EWEA 2011 conference, 14-17 March 2011, Brussels, Belgium
13. Bjørgum, A., *Corrosion protection of offshore wind monopiles*. 3rd International Conference Corrosion Protection for offshore Wind – IQPC, Bremen, 2017
14. Bjørgum, A., *New coatings for corrosion protection of offshore wind structures*. Corrosion Protection for Offshore Wind; Bremen; 28 - 30 April 2015
15. Bjørgum, A., et al. *Corrosion protection of offshore wind structures*. EUROCORR 2016; Montpellier; France; September 11.-15
16. Bolstad, H.C., *Innovations in Offshore Wind through Research and Development*. 2014. European Japan Advanced Research Network Annual Meeting; 16 - 17 June; NTNU; Trondheim
17. Bolstad, H.C., *NOWITECH Day Introduction*. NOWITECH Day; 19 June 2014; NTNU, Trondheim
18. Bolstad, H.C., *Status of wind energy research - and NOWITECH research centre*. ISEE Winter School 2015; Trondheim; 29 January 2015
19. Chella, M.A., *Poster - Characteristics and geometric properties of breaking waves in shallow water*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
20. Cox, K., *Structural design and analysis of a 10 MW wind turbine blade*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
21. Cox, K., *A Parametric study of unbalanced composites on the structural response of a 70m adaptive wind turbine blade*. ICRACM 2013, International Conference on Recent Advances in Composite Materials, Goa, India. 20 February 2013

22. Cox, K., Echtermeyer, A., *Geometric scaling effects of bend-twist coupling in rotor blades*. DeepWind 2013; Trondheim; 24 - 25 January 2013
23. Cox, K., *Load alleviation from an adaptive 10 MW wind turbine blade*. 2012. DEWEK 2012, German WInd Energy Conference, Bremen, Germany. 7-8 November 2012.
24. Dahlhaug, O.G., *A Conceptual Design Method for Parametric Study of Blades for Offshore Wind Turbines*. OMAE 2011; Rotterdam, The Netherlands; June 19-24, 2011
25. Dahlhaug, O.G., *Potential top-mass reduction by hydraulic transmission*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
26. D'Arco, S., *Demonstration of technologies for connecting offshore wind farms*. IQPC, Bremen, 29 Jan 2014
27. D'Arco, S., Suul, J.A., *Operation of power electronic converters in offshore wind farms as virtual synchronous - */5machines*. EERA Deepwind 2014.
28. Dyrkoren, E., *Transfer of methods and experience on O&M in other industries to offshore wind farms*. Wind Power R&D Seminar; Trondheim; 21. - 22. January 2010
29. Endegnanew, A.G. et al., *Integrated Modelling Platform for Dynamic Performance Assessment of Floating Wind Turbines*. EERA DeepWind'2015 Conference; Trondheim; 4 - 6 February 2015
30. Endegnanew, A.G., *Coordinated control between wind and hydro power systems through HVDC links*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
31. Endegnanew, A.G., Uhlen, K., *Coordinated Tuning of Converter Controls in Hybrid AC/DC Grids for System Frequency Support*. EERA DeepWind'2016 Conference; Trondheim; 18 - 20 January 2016
32. Endegnanew, A.G., Farahmand, H., Huertas-Hernando, D., *Frequency Quality in the Nordic system: Offshore Wind variability, Hydro Power Pump Storage and usage of HVDC Links*. DeepWind 2013; Trondheim; 24 - 25 January 2013
33. Eriksen, P.E., *3D hot-wire measurements of a wind turbine wake*. DeepWind 2013; Trondheim; 24 - 25 January 2013
34. Eriksen, P.E., *Experimental results of the NOWITECH/NORCOWE blind test*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
35. Eriksson, K., *NOWITECH - Offshore Wind Opportunities*. Teknologisk Møteplass; Oslo; 14 December 2010
36. Frøyd, L., *An Integrated Design Tool for Large Wind Turbine Blades*. 2011.
37. Frøyd, L., *An Integrated Design Tool for Large Wind Turbine Blades*. 7th PhD seminar on wind energy in Europe; Delft, The Netherlands; 27-28 Oct. 2011
38. Frøyd, L., *Effect of pitch and safety system design on dimensioning loads for offshore wind turbines during grid fault*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
39. Frøyd, L., *NOWITECH 10 MW reference wind turbine*. Renewable Energy Research Conference; Trondheim; 7-8 June 2010
40. Frøyd, L., *Prediction of flutter speed on a 10 MW wind turbine*. 2011.
41. Frøyd, L., *Rotor Design for a 10 MW Offshore Wind Turbine*. ISOPE 2011; Maui,Hawaii,USA;June 19 - 24 2011
42. Fylling, I. et al., *WINDOPT - An optimization tool for floating support structures for deep water wind turbines*. 2011. OMAE2011, Rotterdam, June 19-24, the Netherlands
43. Fylling, I., *Floating wind turbine. Wave induced loads*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
44. Gjerde, S., *A Modular Series Connected Converter for a 10 MW, 36 kV, Transformer- Less Offshore Wind Power Generator Drive*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
45. Gjerde, S., Ljøkelsøy, K., Undeland, T., *Laboratory Verification of the Modular Converter for a 100 kV DC Transformerless Offshore Wind Turbine Solution*. DeepWind 2013; Trondheim; 24 - 25 January 2013
46. Gustavsen, B., *Challenges in Electromagnetic Transient Modeling of Offshore Wind Farms*. 66 kV Offshore Wind Conference; Bremen; Nov 2015
47. Gustavsen, B., *Transient analysis of transformers and cables for offshore wind connection*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
48. Haileselassie, T., Uhlen, K., Undeland, T., *Control of Multiterminal HVDC Transmission for Offshore Wind Energy*. Nordic wind power conference (NWPC), Bornholm, Denmark, 10. - 11. September 2009
49. Haileselassie, T., Uhlen, K., *Control of Multi-terminal HVDC and impact on Multi-national power market*. Cigre international symposium, Recife 2011; Brasil; 3 - 6 April 2011
50. Hameed, Z., *Analysis framework for the reliability and maintainability of offshore wind turbine*. 6th PhD Seminar on Wind Energy in Europe; NTNU; Trondheim; 30. September - 1. Oktober 2010
51. Härkegård, G., *Novel Methodology for Fatigue design of Wind turbine components of ductile cast iron*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
52. Heggset, J., *NOWITECH WP5 Operation and Maintenance*. NOWITECH Days; NTNU; Trondheim; 9 - 10 June 2011
53. Hofmann, M., Bakken, I.S., *Will 10 MW wind turbines bring down the operation and maintenance cost of offshore wind farms? - poster presentation*. EERA DeepWind'2014 Conference; Trondheim; 22 - 24 January 2014
54. Holdahl, R. et al., *Isogeometric analysis of incompressible flow using a pressure correction scheme*. The 4th International Conference on Computational Methods in Marine Engineering (Marine 2011)

55. Holdyk, A., Kocewiak, L., *Wide-band characteristic of 66 kV collection grid of an Offshore Wind Farm*. EERA DeepWind 2017; Trondheim; 2017
56. Huertas Hernando, D., *Optimal offshore grid developments in the North Sea towards 2030*. DeepWind 2013; Trondheim; 24 - 25 January 2013
57. Karimirad, M., *Feasibility of Application of Spar-type Wind Turbine in a Moderate Water Depth*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
58. Karimirad, M., Moan, T., *Ameliorating the Negative Damping in the Dynamic Responses of a Tension Leg Spar-Type Support Structure with a Downwind Turbine*. EWEA 2011 conference, 14-17 March 2011, Brussels, Belgium
59. Kielland-Haug, J.J., *The role of the North Sea power transmission in realising the 2020 renewable energy targets - Planning and permitting challenges*. DeepWind 2013; Trondheim; 24 - 25 January 2013
60. Knauer, A., *Presentation: Selection of a suitable airfoil for the demonstrator model*. NOWITECH SC, Trondheim, 2011-01-19
61. Knudsen, O.Ø., Bjørgum, A., *Corrosion protection of offshore wind turbines – long life protective coatings*. EWEC 2009, Marseille, 16.-19. March 2009
62. Knudsen, O.Ø., Bjørgum, A., *Corrosion protection of offshore wind turbines*. Wind Power R&D Seminar; Trondheim; 21. - 22. January 2010
63. Korpås, M., *Balancing options and costs for offshore wind in the North Sea*. EERA Deepwind 2015
64. Korpås, M., *Invitert presentasjon for Stortingets Energi og Miljøkomite; Elektrifisering og bruk av offshore vind*. Energi- og miljøkomiteen; Seminar om elektrifisering; mandag 10. mars
65. Korpås, M., *Power market analysis of large-scale offshore wind*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
66. Krogstad, P.Å., *A model study of wind turbine interference*. Wind Power R&D Seminar; 20 - 21 January 2011
67. Kumar, M., *Poster - Adaptive isogeometric finnite element Methods for Stokes Problem*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
68. Kvamsdal, T., *NOWITECH Scientific Committee*. NOWITECH Days; Trondheim; NTNU; 9 - 10 June 2011
69. Kvittem, M., *Effects of Hydrodynamic Modelling in Fully Coupled Simulations of a Semi-submersible Wind Turbine*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
70. Langagergaard, J., *NOWITECH Team Performance*. ITECH Days; Trondheim; NTNU; 9 - 10 June 2011
71. Liu, B., *Temporary Rotor Inertial Control of Wind Turbine to Support the Grid Frequency Regulation*. 9th Deep Sea Offshore Wind Seminar; Trondheim; 19 - 20 January 2012
72. Long, H., Fisher, T., Moe, G., *Design Methodology & Optimization of Lattice Structures*. EWEC Conference; Marseille; 16.-19. March 2009
73. Magnusson, N. et al., *Superconducting Generator Technology for Large Offshore Wind Turbines*. Deepwind 2013; Trondheim; Norway; January 2013
74. Marvik, J.I., *Wind turbine model validation with measurements*. 9th Deep Sea Offshore Wind Seminar; 19 - 20 January 2012
75. Matveev, A. et al., *Novel PM Generators for large Wind Turbines*. EPE Joint Wind Energy T&D Chapters Seminar; Trondheim; 9 - 11 May 2011
76. Matveev, A. et al., *Three special solutions for wind power converters*. VDI-Fachkonferenz Getriebelose Windenergieanlagen; Germany, 2012.
77. Merz, K., *A Method for Analysis of VAWT Aerodynamic Loads under Turbulent Wind and Platform Motion*. 9th Deep Sea Offshore Wind Conference; Trondheim; 19 - 20 January 2012
78. Merz, K., *Dogger Bank Reference Windfarm (DRW): First Design and Research Needs*. NOWITECH Day 19 June 2014; NTNU; Trondheim
79. Merz, K., *Frequency-domain methods for the analysis of offshroe wind turbine foundations*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
80. Merz, K., *Linear Models for the Dynamic Analysis of Wind Turbines and Wind Power Plants*. EERA Deepwind 2015, Trondheim
81. Merz, K., *The NOWITECH 10 MW Reference Windturbine*. NOWITECH Day 19 June 2014; NTNU; Trondheim
82. Mo, O., Gustavsen, B., *Minimizing Losses in Long AC Export Cables*. EERA DeepWind'2016 Conference; Trondheim; 18 - 20 January 2016
83. Moan, T., *Analysis and design of offshore wind turbines, with a focus on floating turbines*. ENERMAR2011; Santander; June 30 - July 1 2011
84. Moan, T., *Overview of recent activities on design and analysis of offshore wind turbines*. NOWITECH Day; 19 June 2014; NTNU, Trondheim
85. Moan, T., *Renewable Ocean Energy with emphasis on wind energy*. MTEC Conference; Singapore; 13 - 15 April 2011
86. Moan, T., *Renewable offshore energy, with emphasis on wind energy - opportunities and challenges*. The Peachman lecture; University of Michigan; den 11 April 2012

87. Moan, T., *The bet for the technological development of offshore wind*. REOLTEC; Madrid; December 3. 2009
88. Moan, T., *Using research experience in marine technology for advancing offshore wind technology*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
89. Moan, T., *WP3 Novel support structures*. NOWITECH Days; Trondheim; NTNU; 9 - 10 June 2011
90. Moe, G., Tande, J.O., *Norwegian Research Centre for Offshore Wind Technology*. an-Norwegian Workshop; Leibniz-Universität Hannover (LUH); 2010-02-16 - 2010-02-17
91. Molinas, M., *New converter topoligies for offshore wind farms*. 2010.
92. Molinas, M., *Offshore Windfarm Research: Que Vadis?* Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
93. Molinas, M., *Wind Energy Conversion Systems for DC-series based HVDC Transmission*. XV ERIAC 2013; Foz do Iguacu, Brasil; May 2013
94. Mubarok, F. et al., *Abstract - Effect of seawater contaminant on the tribological performance of offshore sliding bearings*. Nortrib 2012; Tronheim; June 12-15
95. Nejad, A. et al., *Correlation between Acceleration and Drivetrain Load Effects for Monopile Offshore Wind Turbines*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
96. Nejad, A. et al., *Recommendations on Model Fidelity for Wind Turbine Gearbox Simulations*. Gearbox Reliability Collaborative all-members meeting Boulder, Colorado, February 17-18; 2015
97. Nejad, A., *Poster - A Prognostic Method for Fault Detection in Wind Turbine Drivetrains*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
98. Nejad, A.R., *Long-Term analysis of Gear Loads in Fixed Offshore Wind Turbines Considering Ultimate Operational Loadings*. DeepWind 2013; Trondheim; 24 - 25 January 2013
99. Nematbakhsh, A., *Poster - Comparison of Wave Induced Response of a TLP Wind Turbine Obtained by CFD method and potential theory*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
100. Netland, Ø., Skavhaug, A., *Extending Condition Monitoring of Offshore Wind Farms with Remote Inspection*. COMADEM 2011; Stavanger; 30. May - 1. June 2011
101. Netland, Ø., Skavhaug, A., *Remote Presence, Cost-Effective Robotic Inspection and Maintenance of Offshore Wind Turbines*. EAWE 6th PhD Seminar; NTNU; Trondheim; 30. September - 1. Oktober 2010
102. Nilssen, R., *Direct-drive generator and converter system*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
103. Nonås, L.M., *Offshore wind - A planning and logistics perspective*. 4th Annual Vessels and Access Forum; 13 - 15 May 2014; London, UK
104. Nonås, L.M., *Offshore Wind - A planning and logistics perspective*. INTPOW konferansen; March; 2015
105. Nordanger, K., *Poster - Simulation of flow past a NACA0015 airfoil using an isogeometric incompressible Navier-Stokes solver*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
106. Nygaard, T.A., Myhr, A., *Tension-Leg-Buoy (TLB) Platforms for Offshore Wind Turbines*. wind, Trondheim, January 2014
107. Olsen, P.K., *A Transformerless Generator-Converter Concept Making Feasible a 100 kV Light Weight Offshore Wind Turbine: Part I - The Generator*. 2012 IEEE Energy Conversion Congress and Exposition (ECCE); Raleigh; USA; September 2012
108. Onarheim, J., *Demo 2020. A test- and demonstration programme for Norway*. German Norwegian Offshore Wind Energy Conference; Bergen; 2010-05-04
109. Onarheim, J., *Kan vi utvikle et norsk landslag på offshore vind?* Energiuka 2010; Oslo; 3.-4. februar 2010
110. Onarheim, J., *NOWITECH Committee for Innovation and Commersialization*. NOWITECH Days; Trondheim; NTNU; 9 - 10 June 2011
111. Onarheim, J., *R&D on offshore wind, presentation of Nowitech*. NEREC; Oslo; 7-8 October 2009
112. Ormberg, H., *Coupled analysis of floating wind turbines*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
113. Ormberg, H., Passana, E., Luxcey, N., *Global analysis of a floating wind turbine using an aero-hydro-elastic numerical model. Part1: Code development and case study*. OMAE2011, Rotterdam, June 19-24, the Netherlands
114. Pedersen, M.D., *Poster - Frequency Domain Identification of Inflow Dynamics*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
115. Pierella, F., Sætran, L., *A comparison of Sonic Anemometer- and Lidar-sensed wind velocity data at Frøya test site*. Offshore wind energy R&D conference; Trondheim; 20th January 2011
116. Rasheed, A., Kvamsdal, T., Tande, J.O., *Norwegian Research for Offshore Wind technology (NOWITECH)*. Renewable Energy Respecting Nature; Mumbai; India; 7 - 8 May 2013
117. Rituerto, J., Armada, S., Wilson, S., Bjørgum, A., *Nanotechnology for upgrading erosion protective coatings*. Offshore Wind R&D Conference 2015; Bremerhaven, Germany
118. Sætran, L., *Wind Measurements, Norway*. 15th meeting of ERCOFTAC's Nordic Pilot Centre (NPC); August 28-29, 2012; Porvoo close to Helsinki; Finland
119. Schmid, B., *NOWITECH WP2 Energy conversion system*. NOWITECH days; Trondheim; NTNU; 9 - 10 June 2011
120. Seljeseth, H., *Fault-ride-through testing of wind turbines*. 9th Deep Sea Offshore Wind Seminar; 19 - 20 January 2012

121. Simon, C., *Advanced Multifunctional Coatings Applied to Offshore Wind Turbines*. French-Norwegian Seminar on marine renewable energy; Oslo; June 2010
122. Soloot, A.H., Høidalen, H.K., *Analysis of Switching Transients in Offshore Wind Parks with Focus on prevention of Destructive Effects*. 6th PhD Seminar on Wind Energy in Europe; NTNU; Trondheim; 30. September - 1. Oktober 2010
123. Soloot, A.H., Høidalen, H.K., Gustavsen, B., *Upon the Improvement of the Winding Design of Wind Turbine Transformers for Safer Performance within Resonance Overvoltages*. DeepWind 2013; Trondheim; 24 - 25 January 2013
124. Soloot, A.H., *Poster - Investigation of a resonant Overvoltages in Offshore Wind Farms - Modeling and protection*. NOWITECH Day; 19 June 2014; Trondheim, NTNU
125. Soloot, A.H., *The Assessment of Overvoltage protection in Offshore Wind Farms*. 9th Deep Sea Offshore Wind Seminar; 19 - 20 January 2012
126. Sperstad, I.B., Hofmann, M., *Analysis of sensitivities in maintenance strategies for offshore wind farms using a simulation model*. EWEA OFFSHORE 2013; Frankfurt; 19 November - 21 November 2013
127. Sperstad, I.B., Hofmann, M., *NOWIcob – A tool for reducing the maintenance costs of offshore wind farms*. DeepWind 2013; Trondheim; 24 - 25 January 2013
128. Sperstad, I.B., *The effects of using multi-parameter wave criteria for accessing wind turbines in strategic maintenance and logistics models for offshore wind farms*. EERA DeepWind'2014 Conference; Trondheim; 22-24 January 2014
129. Spro, O.C. et al., *Influence of technical limitations and operation strategy*. Trondheim, EERA Deepwind 2015
130. Spro, O.C., *Poster - Sub-sea Energy Storage for Deep-sea Wind Farms*. Trondheim, EERA Deepwind 2014
131. Stenbro, R., *WP1 Integrated numerical design tools*. NOWITECH Days; Trondheim; NTNU; 9 - 10 June 2011
132. Suja-Thauvin, L., Krokstad, J., Frimann-Dahl, J.F., *Maximum loads on a 1-DOF model-scale offshore wind turbine*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
133. Svendsen, H.G. et al., *Step-wise stochastic optimisation of transmission grid for offshore wind farm clusters*. EWEA Offshore; London; 2017
134. Svendsen, H.G., *Grid model reduction for large scale wind integration analyses*. EERA DeepWind'2015 Conference; Trondheim; 4 - 6 February 2015
135. Svendsen, H.G., Merz, K., *Operational Control of a Floating Vertical Axis Wind Turbine – start-up and shut-down*. DeepWind 2013; Trondheim; 24 - 25 January 2013
136. Svendsen, H.G., *Planning Tool for Clustering and Optimised Grid Connection of Offshore Wind Farms*. DeepWind 2013; Trondheim; 24 - 25 January 2013
137. Svendsen, H.G., *Status and potential for wind power*. International workshop on Renewable Energy and Hydrogen Export, 2015.
138. Svendsen, H.G., *Supply of offshore wind energy to oil and gas installations*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
139. Tande, J.O., *EERA Joint Programme - Wind Energy*. Cantabria Sea of Innovation Conference 2010; Santander; Spain; 2 - 3 December 2010
140. Tande, J.O., *Floating Offshore Wind Technology - Invited key-note presentation*. Torque2010 The Science of making Torque from Wind; June 28-30, 2010; FORTH, Heraklion, Crete; Greece
141. Tande, J.O., *Innovations in offshore wind energy*. EERA DeepWind'2015 Conference; Trondheim; 4 - 6 February 2015
142. Tande, J.O., *Innovations in Offshore Wind Energy*. SINTEF Seminar om offshore wind; Trondheim; 7. mai 2015
143. Tande, J.O., *Innovations in Offshore Wind Technology through R&D*. OREC 2012; Singapore; 24 - 25 October 2012
144. Tande, J.O., *Innovations in Offshore Wind Technology through R&D.* 9th Deep Sea Offshore Wind Conference; Trondheim; 19 - 20 January 2012
145. Tande, J.O., *Innovations in Offshore Wind Technology through R&D*. Technoport; Trondheim; 16 - 18 April 2012;
146. Tande, J.O., *Innovations in Offshore Wind Technology through R&D*. DeepWind 2013; Trondheim; 24 - 25 January 2013
147. Tande, J.O., *Innovations in offshore wind through R&D*. EERA DeepWind'2014 Conference; 22 - 24 January 2014
148. Tande, J.O., *Invited speaker related to WP0 and WP6. "To what extent can floating foundations match the needs and expectations of the market?"*. Future Offshore Foundations 2013; Bremen; 23 - 25 October 2013
149. Tande, J.O., *New research initiatives for advancing the development of deep sea offshore wind technology*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
150. Tande, J.O., *Norwegian Centre for Offshore Wind Technology*. 2010.
151. Tande, J.O., *Norwegian Research Centre for Offshore Wind Technology*. Renewable Energy Research Conference; Trondheim; June 7th - 8th 2010
152. Tande, J.O., *Norwegian Research Centre for Offshore Wind Technology*. Renewable Energy Research Conference; Trondheim; June 7th - 8th 2010
153. Tande, J.O., *Norwegian Research Centre for Offshore Wind Technology*. NEREC Preconference; Oslo; 27. september 2010

154. Tande, J.O., *Norwegian Research Centre for Offshore Wind Technology*. NOWITECH Days 2011; Trondheim; NTNU; 9 - 10 June 2011
155. Tande, J.O., *NOWITECH presentation*. 7th Offshore Wind Supply Chain Seminar; Bergen; 27. april 2016
156. Tande, J.O., *Offshore vind - NOWITECH*. Seminar om Offshore vind; København; 2009-12-15
157. Tande, J.O., *Status og perspektiver for norsk og internasjonal utvikling av offshore vindkraft*. Industry meets Science; Trondheim; 20 November 2014
158. Tande, J.O., *Status og perspektiver for teknologiutvikling av vindmøller til havs*. Industry meets Science; Trondheim; 20 November 2014
159. Tande, J.O., *The need for a Norwegian test and demonstration programme on offshore wind*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
160. Tande, J.O., *The need for a Norwegian test and demonstration programme on offshore wind*. 2010.
161. Tande, J.O., *The need for strong partnership between industry and research centres for the successful deployment of large offshore wind farms - Keynote presentation*. EPE Joint Wind Energy and T&D Chapters Seminar; 9 - 11 May 2011, Trondheim, Norway
162. Tande, J.O., *Wind Power - Status and Perspectives*. IFEA Årsmøte; Oslo; 15. april 2015
163. Tande, J.O., *Working as a team in NOWITECH*. NOWITECH Days; Trondheim; NTNU; 9 - 10 June 2011
164. Taxt, H. et al., *AC Loss Measurements on Multi-filamentary MgB2 Wires with Non-magnetic Sheath Materials*. Applied superconductivity conference; Portland; USA 2012
165. Toftevaag, T., Solvang, T., *Power quality measurements from wind farms*. Wind Power R&D Seminar; Trondheim; 21. - 22. January 2010
166. Torres-Olguin, R., Sun, W., Anaya-Lara, O., *Investigation on FRT method for VSC-HVDC with OWF: New Proposal*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
167. Trötscher, T., *Balancing load and generation from marine renewables*. French-Norwegian seminar on marine renewable energy; Oslo; June 2010
168. Trötscher, T., Korpås, M., *Optimal design of a subsea power grid in the North Sea*. European Offshore Wind 2009, Stockholm, 14. - 16. september 2009
169. Trötscher, T., *Norwegian hydro as the European energy battery - potential and challenges*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
170. Trötscher, T., *Optimal design of a North-Sea offshore grid*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
171. Tveiten, B.W., *Offshore vind forskning i Norge - en muligjører for industriutvikling*. Seminar: Havenergi - hva nå?; Oslo; 16 september 2011
172. Tveiten, C., *HSE challenges related to offshore renewable energy*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
173. Uhlen, K., *Analysis of market and grid integration of offshore wind*. European Energy Market, EEM'10; Madrid; 24. June 2010
174. Uhlen, K., *Control aspects related to Large Offshore Windfarms - Keynote 2*. EPE Joint Wind Energy and T&D Chapters Seminar; NTNU; 9 - 11 May 2011
175. Uhlen, K., *From power markets to voltages and currents*. Wind Power R&D seminar; Trondheim; 21. - 22. January 2010
176. Uhlen, K., Haileselassie, T., *Security of Supply and Meshed HVDC Grids*. UK-Norway Forum and Roadmapping Workshop; North Sea Offshore networks; Enabling Offshore Wind and Balancing Power; London; 6 June 2011
177. Uhlen, K., *Wind Farm Measurements and Model Validation*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
178. Uhlen, K., *Wind integration studies - Results from IEA Wind Task 25 - Future need of transnational R&D*. ERA-NET plus workshop; Stavanger; 9th October 2013
179. Uhlen, K., *WP 4 Grid Connection and System Integration*. NOWITECH Days; Trondheim; 9 - 10 June 2011
180. Undeland, T., *Offshore Wind Energy in Norway*. Trans Atlantic Science Week; Minneapolis; September, 27-30, 2009
181. Valavi, M., *Poster - Multiple-airgap iron-cored permanent magnet generators with three stators for renewable energy converters*. NOWITECH Day; 19 June 2014; NTNU; Trondheim
182. Van Buren, E., *Effect of Foundation Modeling Methodology on the Dynamic Response of Offshore Wind Turbine Support Structures*. 6th PhD Seminar on Wind Energy in Europe; NTNU; Trondheim; 30. September - 1. Oktober 2010
183. Van Buren, E., *Effect of Foundation Modeling Methodology on the Dynamic Response of offshore Wind Turbine Support Structures*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
184. Van Buren, E., *Improving pile foundation models for use in bottom-fixed offshore wind turbine applications*. 9th Deep Sea Offshore Wind Conference; Trondheim; 19 - 20 January 2012
185. Van Rij, J., *Wake models compared with measurements*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011

186. Völler, S., *Balance Management with Large Scale Offshore Wind Integration*. Wind Power R&D Seminar; Trondheim; 20 - 21 January 2011
187. Völler, S., Doorman, G., *Changes in the utilisation of the Norwegian Hydro Reservoir by Balancing the North Sea Offshore Wind*. EWEA Offshore 2011; Amsterdam; 29 November - 1 December 2011
188. Vrana, T.K., Mo, O., *Optimal Transmission Voltage for Very Long HVAC Cables*. EERA DeepWind'2016; Trondheim; 20 - 22 January 2016
189. Wolfgang, O., Skjelbred, H.I., Korpås, M., *Evaluating North Sea grid alternatives under EU's RES-E targets for 2020*. DeepWind 2013; Trondheim; 24 - 25 January 2013
190. Zhang, Z. et al., *High-power generators for offshore wind turbines*. DeepWind 2013; Trondheim; 24 - 25 January 2013
191. Zhang, Z. et al., *Ironless multi-stage axialflux permanent magnet generator for offshore wind power application*. 12th Joint MMM/Intermag Conf; USA; 2013
192. Zhang, Z., *Comparison of data-driven and model-based methodologies of wind turbine fault detection with SCADA Data*. EWEA 2014; Barcelona; 10 - 13 March 2014
193. Zwick, D., Long, H., *Cost comparison of sub-structures*. Wind Power R&D Seminar; Trondheim; 21. - 22. January 2010
194. Zwick, D., *Poster - The simulation error caused by input loading variability in offshore wind turbine structural analysis*. NOWITECH Day; 19 June 2014; NTNU; Trondheim

Posters

1. Adaramola, M.S., et al., *Power output optimisation from an offshore wind farm.* 2012.
2. Anaya-Lara, O., Uhlen, K., Tande, J.O., *LFAC Transmission for Offshore Wind Applications: Fundamentals and Technology Status Review.* 2015.
3. Bardal, L.M., Sætran, L.R., Wangsness, E., *Performance test of a 3MW wind turbine.* 2015.
4. Bartl, J., Pierella, F., Sætran, L., *Wake measurements behind an array of two model wind turbines.* 2011.
5. Bjørgum, A. et al., *Evaluation of corrosion resistant coatings derived from microcapsules containing corrosion inhibitors.* 2015.
6. Brantsæter, H. et al., *Passive filter design and wind turbine modelling for system level harmonic studies.* 2015.
7. Fonn, E. et al., *Spline based mesh generator for high fidelity simulation of flow around turbine blades.* 2015.
8. Frøyd, L. et al., *Prediction of Flutter Speed on Large Wind Turbines.* 2011.
9. Frøyd, L., *De nition of a 10 MW Reference Wind Turbine.* 2010.
10. Frøyd, L., *Design and analysis of a 10 MW wind turbine.* 2010.
11. Frøyd, L., *Evaluation of the Dimensioning Dynamic Forces of Large Floating Wind Turbines.* 2010.
12. Hameed, Z., *Maintenance Optimization of Offshore Wind Farms from Design to Operation.* 2010.
13. Jørgensen, J.K., *Fatigue performance of glass fibre - vinyl ester composite at ambient and sub-zero temperature.* 2015.
14. Karimirad, M., Michailides, C., *Dynamic Analysis of a Braceless Semisubmersible Offshore Wind Turbine.* 2015.
15. Kvamsdal, T. et al., *Strip theory approach for FSI-simulations of flow around turbine blades.* 2015.
16. Matveev, A. et al., *Novel PM Generators for large wind turbines.* 2011.
17. Mushtaq, A. et al., *Statistical Analysis of wind mast data from the Bessaker Wind Farm.* 2015.
18. Netland, Ø., Jensen, G.D., Skavhaug, A., *Experimental design of a feasibility study for remote inspection of wind turbines.* 2011.
19. Netland, Ø., Jenssen, G., Skavhaug, A., *The Capabilities and Effectiveness of Remote Inspection of Wind Turbines.* 2015.
20. Nonås, L.M., Halvorsen-Weare, E., Stålhane, M., *Finding cost-optimal solutions for the maritime logistic challenges for maintenance operations at offshore wind farms.* 2015.
21. Nordanger, K., Kvamsdal, T., Holdahl, R., *Two-dimensional fluid-structure interaction simulation of NACA0012 airfoil.* 2013.
22. Okstad, K.M. et al., *3D Beam element for FSI-simulation of flow around turbine blades.* 2015.
23. Paulsen, U.S. et al., *Deepwind – An innovative wind turbine concept for offshore.* 2011.
24. Pierella, F., Bartl, J., Sætran, L., *Performance and turbulence measurements on an array of two model wind turbines.* AWEA, 2011.
25. Reigstad, T.I. et al., *Impact of Future North-Sea HVDC Cables on the Norwegian Transmission System.* 2015.
26. Reigstad, T.I., *Wind farm control applications for Windscanner infrastructure.*
27. Rousis, A.O., Anaya-Lara, O., *DC Voltage Control for Fault Management in HVDC Transmission System.* 2015.
28. See, P.C., Fosso, O.B., *A DC-OPF Computation for Transmission Network Incorporating HVDC Transmission Systems.* 2014.
29. Siddiqui, M.S. et al., *Three Dimensional Variable Turbulent Intensity Flow Field Characterization of a Vertical Axis Wind Turbine.* 2015.

30. Soloot, A.H., *Analysis of Switching Transients in Wind Park with Focus on Prevention of Destructive Effects.* 2010.
31. Sperstad, I.B., Dinwoodie, I., Endrerud, O.E., *Reference Cases for Benchmarking Operations and Maintenance Models for Offshore Wind Farms.* 2015.
32. Spro, O.C., *Offshore energy storage sizing.* 2015.
33. Stålhane, M., Hvattum, L.M., Skaar, V., *Optimization of routing and scheduling of vessels to perform maintenance operatons at offshore wind farms.* 2015.
34. Valaker, E.A. et al., *Droplet Erosion Protection Coatings for Offshore Wind Turbine Blades.* 2015.
35. Vrana, T.K., *The NSON Project. North-Sea Offshore and Storage network. WP1: Technology Perspectives.* 2015.

Books

1. Aigner, T., *System impact from large scale wind power - Degree of Philosophiae Doctor*, 2013.
2. Barrera-Cardenas, R.A., *Meta-parametrised meta-modelling approach for optimal design of power electronics conversion systems: application to offshore wind energy. Doctoral Thesis*, 2015.
3. Bracchi, T., *Downwind Rotor: Studies on yaw Stability and Design of a Suitable Thin Airfoil, Doctoral Thesis*, 2014.
4. Chabaud, V., *Real-Time Hybrid Model Testing of Floating Wind Turbines, - Real-Time Hybrid Model Testing of Floating Wind Turbines*. *Doctoral Thesis,* 2016.
5. Chella, M.A., *Breaking Wave Characteristics and Breaking Wave Forces on Slender Cylinders - Doctoral theses at NTNU*. 2016.
6. Cox, K., *Lift Control of Adaptive Wind Turbine Blades with Bend-Twist Coupling - Doctoral Thesis*, 2014.
7. Crozier, A., *Design and dynamic modeling of the support structure for a 10 MW offshore wind turibine, Master thesis*. 2011.
8. Crozier, A., *Design of a 10 MW offshore wind turbine, Project thesis*. 2010.
9. Dai, L., *Safe and efficient operation and maintenance of offshore wind farms*. *Doctoral theses;* 2014.
10. Dombre, E., *Nonlinear modelling of wave-structure interactions applied to offshore wind turbine platforms - doctoral thesis*. 2015.
11. Eriksen, P.E., *Rotor wake turbulence. An experimental study of a wind turbine wake - doctoral thesis*. 2016.
12. Fossum, P.K., *Aeroelastic analysis of an offshore wind turbine, Project thesis,* 2011.
13. Frøyd, L., *Wind Turbine Design: Evaluation of Dynamic Loads on Large Offshore Wind Turbines.* Doctoral theses at NTNU, 2012.
14. Gjerde, S.S., *Analysis and Control of a Modular Series Connected Converter for a Transformerless Offshore Wind Turbine*, Doctoral theses at NTNU, 2013.
15. Iversen, T.M., *Multilevel Converters for a 10 MW, 100 kV Transformer-less Offshore Wind Generator System*, *Master Degree,* 2012.
16. Jafar, M., *Transformer-Less Series Compensation of Line-Commutated Converters for Integration of Offshore Wind Power, Doctoral Thesis*, 2013.
17. Kvamsdal, T. et al., *Parallel CFD 2014, Parallel Computational Fluids Dynamics*. 2014, Trondheim.
18. Kvittem, M., *Modelling and Response Analysis for Fatigue Design of a Semi-Submersible Wind Turbine, Doctoral Thesis*, 2014.
19. Liseth, H.E., *10 MW Reference Wind Turbine (Generator design), Project thesis*, 2010.
20. Liseth, H.E., *Dynamic Modelling of Wind Turbine System, Master Thesis*, 2011.
21. Morten, D.P., *Stabilization of Floating Wind Turbines,* Doctoral theses at NTNU, 2017.
22. Mubarok, F., *Thermally Sprayed Silicon Carbide Coating, Doctoral Thesis*, 2014.
23. Nejad, A., *Dynamic Analysis and Design of Gearboxes in Offshore Wind Turbines in a Structural Reliability Perspective - Doctoral Thesis*, 2015.
24. Netland, Ø., *Remote Inspection of Offshore Wind Turbines. A study of the benefits, usability and feasibility, Thesis for the degree of philosophiae doctor*, 2014.
25. Nodeland, A.M., *Rotor and wake modeling with an actuator line OpenFOAM CFD model*. *MSc thesis,* 2013.
26. Nordanger, K., *Two-dimensional simulation methods for offshore wind turbines,* Doctoral thesis at NTNU, 2015.
27. Simonsen, T. and Tønset, C., *Droplet Erosion Resistant Coatings for Offshore Wind Turbine Blades: Testing in Harsh Conditions - Bachelor Thesis*, 2015.
28. Slimacek, V., *Heterogeneous Poisson processes with application to wind turbine reliability, PhD thesis*, 2015.
29. Soloot, A.H., *Resonnant Overvoltages in offshore wind farms. Analysis, modeling and measurement*, *Doctoral Thesis,* 2017.
30. Tande, J., *CFD-analysis of a 10 MW offshore wind turbine, Master thesis*, 2011.
31. Torres-Olguin, R., *Grid Integration of Offshore Wind Farms using Hybrid HVDC Transmission: Control and Operational Characteristics, Thesis for the degree of Philosophiae Doctor*, 2013.

32. Tyrhaug, M.H., *Coatings and modeling leading edge erosion of wind turbine blades, Prosjektoppgave,* 2012.
33. Valaker, E.A., *Droplet Erosion Protection Coatings for Offshore Wuind Turbine Blades, Master Thesis*, 2015.
34. Valavi, M., *Magnetic Forces and Vibration in Wind Power Generators, Doctoral Thesis*, 2015.
35. Vatne, S.R., *Design of 10 MW offshore wind turbine (Project thesis), Project thesis*, 2010.
36. Wang, K., *Modelling and dynamic analysis of a semi-submersible floating vertical axis wind turbine, Doctoral Thesis*. 2015.
37. Zhaoqiang, Z., *Ironless permanent magnet generators for direct-driven offshore wind turbines, Doctoral Thesis*. 2015.
38. Zwick, D., *Simulation and Optimization in Offshore Wind Turbine Structural Analysis, Doctoral Thesis*. 2015.

Text-book based on research material developed in NOWITECH:

39. Olimpo Anaya-Lara, John O. Tande, Kjetil Uhlen, Karl Merz, *Offshore wind energy technology, 2018, John Wiley & Sons Ltd. ISBN: 978-1-119-09776-1. 456 pp.*

Chapter in books

1. Bjørgum, A., Hofmann, M., Welte, T., *Life cycle cost analysis for corrosion protective coatings – offshore wind turbines. Book title: Life Cycle Costing for the analysis, management and maintenance of civil engineering infrastructure*. 2015, Whittles Publishing: Dunbeath, Scotland. p. 210-230.
2. Madsen, et al., *Wind Energy, Risø Energy Report 9 - Non-fossil energy technologies in 2050 and beyond*. 2010. p. 31-37.
3. Tande, J.O., *Power quality standards for wind turbines*. 2012, Wiley. p. 1120.
4. Tande, J.O., et al., *Wind power; Alternative energy source, Book title: Impact of TradeWind offshore wind power capacity scenarios on power flows in the European HV network*. 2009, Hyderabad: Icfai University Press.

Media contribution

1. Aadland, C., Onarheim, J., *Kyst-Norge sammen om havvind*, *Teknisk Ukeblad; 7.april 2010*.
2. Tande, J.O., Abelsen, A., *Pumpekraft fra havdypet*, in *Energiteknikk*. 2013.
3. Tande, J.O., Abelsen, A., *100 000 klimajobber i sikte*, in *Energiteknikk*. 2013.
4. Tande, J.O., Abelsen, A., *Enkelt grep for flytende vindkraft*, in *Xergi*. 2013.
5. Tande, J.O., Abelsen, A., *Kraft fra Hywind til britene*, in *Energiteknikk*. 2017.
6. Tande, J.O., Abelsen, A., *Solid FoU - lite industri*, in *Energiteknikk;nr 4; april 2010*. 2010.
7. Tande, J.O., Abelsen, A., *Venter på vindpust*, in *Energiteknikk*. 2010. p. 18-19.
8. Abelsen, A., *Sentrene bærer frukter*, *Energiteknikk*. 2012.
9. Bjørgum, A., *Radio intervju*, in *Deutschland Funk*. 2015: http://www.deutschlandfunk.de/windenergieanlagen-nanopartikel-schuetzen-rotorblaetter-vor.676.de.html?dram:article_id=334019.
10. Bachynski, E., Kvittem, M., *På dypt vann*, in *Dagens Næringsliv*. 2012.
11. Tande, J.O., Bakken, M., *Utvikler framtidens klimatiltak*, in *Europower; mai 2010*.
12. Frøyd, L., Bakken, S.A., *Vindturbiner på 10 MW*, *Energiteknikk*. 2010.
13. Heggset, J., Bakken, S.A., R*oboter til vedlikehold*, *Energiteknikk*. 2010.
14. Tande, J.O., Bakken, S.A., *Look to Norway*, *Energiteknikk*, 2011.
15. Tande, J.O., Bakken, S.A., *Mulighetene ligger i offshore vindkraft*, *Energiteknikk; nr 3; mars 2010*.
16. Bakken, S.A., *Offshore vindkraft samler stor interesse*, in *Energiteknikk; nr 2; februar 2010*.
17. Barstad, E., *Fra FoU til test og demonstrasjon*, *RENERGI Nyhetsbrev; mars 2010*. 2010.
18. Tande, J.O., Benjaminsen, C., *Det store krafttaket*, *Forskning.no; 27 September 2011*.
19. Tande, J.O., Benjaminsen, C., *Etterlyser satsing på vindkraft*, 2013.
20. Tande, J.O., Benjaminsen, C., *Vindkraft i flytsonen*. 2013.
21. Berthelsen, P.A., Snøfugl, I., *Offshore vindturbiner testes på ny måte*, p*etro.n,* 2015.
22. Berthelsen, P.A., Valland, A., Baarholm, G., *Renewable Energy - Offshore Wind Technology*, *MARINTEK Review*, 2010.
23. Bjørlo, A., V. Iversen, and J.O. Tande, *Borten Moe bør satse på offshore vindkraft - kronikk*, in *Adresseavisen*. 2011.
24. Cox, K., *Slik kan vindmøllebladene vri seg automatisk i sterk vind - uten motor*, in *Teknisk Ukeblad*. 2014.
25. Daniel Huertas, H., *Transmission Technologies & Grid Integration for Offshore Wind Farms*, in *WEBINAR*. 2011: 6 & 7 September 2011 webinar.

26. Daniel Huertas, H., *WP4 Grid connection and system integration of large offshore wind farms*, in *WEBINAR*. 2011: Web-seminar in Offshore Wind Series - 10/11th May (Grid connection) Organized by http://www.web2present.com/ and sponsored by KEMA.
27. Drefvelin, C. and J.O. Tande, *Tatt av vinden*, in *NRK*. 2014.
28. Ekra, S.I. and T. Undeland, *Vind kan dekke Norges energibehov 20 ganger*, in *Gemini*. 2014.
29. Frøyd, L., *Hvorfor vindturbiner er store og spinkle. I Abels Tårn, NRK P2*, in *NRK P2*. 2012.
30. Furdal, T., *Statoil må finna ut kva selskap det vil vera*, in *Stavanger Aftenblad*. 2011.
31. Haigh, L. and J.O. Tande, *Winds of change: NOWITECH in International Innovation*, in *Researchmedia.eu*. 2013.
32. Halvorsen, T., *Vil forske på havnett*, in *Energiteknikk; nr 2; februar 2010*. 2010.
33. Hautmann, D. and J.O. Tande, *Forscher planen Wind-Inseln*, in *Die Welt kompakt*. 2012. p. p 28.
34. Hautmann, D. and J.O. Tande, *Projekt Pyramide*. 2016.
35. Høi Rühne, F. and J.O. Tande, *Amerikanere: Vores turbine sætter nye standarder for vindkraft*, in *Ingeniøren*. 2013.
36. Holtan, H.L. and J.O. Tande, *Måløy kan få nasjonalt vindsenter*, in *Fjordenes Tidende*. 2010.
37. Hyrve, H.K., *Intervju med John Olav Tande i Radioselskapet, NRK P2 13.01.2012 om vindkraft*, in *NRK P2*. 2012.
38. Iversen, V., J.O. Tande, and J. Onarheim, *Landslag uten hjemmebane*, in *Trønderavisa; 22. mars 2010*. 2010.
39. Jakobsen, H.Ø. and J.O. Tande, *Betaler hundretusener for omtale av prosjekter*. 2013.
40. Jan, O., *Oljekompetanse på havvind*, in *Stavanger Aftenblad*. 2009.
41. John Olav, T. and H. Tore, *Det må satses nå!*, in *Energiteknikk*. 2009. p. 38-39.
42. John Olav, T., *Verdt å vite - Norwegian radioprogramme including wind presentation from NOWITECH*, in *NRK radio; verdt å vite; 25. mars 2010*. 2010.
43. Kongsnes, E. and J. Onarheim, *Rigger til kamp om britiske vindkontrakter*, in *Stavanger Aftenblad*. 2010.
44. Kongsnes, E. and J. Onarheim, *Skal kjempe om 900 milliarder*, in *Aftenbladet; 9. mars 2010*. 2010.
45. Korpås, M. and H.Ø. Lewis, *Utsirahøyden: - Staten bør betale for offshore strømnett og vindmøller*, in *Stavanger Aftenblad*. 2014.
46. Langørgen, S., *Testpark for vindmøller gir etterlengtet oppdrag*, in *Adresseavisen*. 2010.
47. Lankhorst, S. and M. Muskulus, *Academia and industry - an essential combination*, in *Offshore Wind Magazine*. 2013.
48. Lie, Ø. and J.O. Tande, *Finansdepartementet fratar Norge muligheten til å ta en posisjon på havvindteknologi*, in *Teknisk Ukeblad*. 2013.
49. Lie, Ø. and J.O. Tande, *Havmøller er industri, ikke energi*, in *Teknisk Ukeblad*. 2011.
50. Lie, Ø., *Ny superleder kan gi billigere havvind*, in *Teknisk Ukeblad; 29. april 2013*. 2013.
51. Mollestad, G.O., *SINTEF: Besparelser med supernett i Nordsjøen*, in *Kraftjournalen*. 2010.
52. Nilsen, J. and J.O. Tande, *Derfor gikk Sway Turbine konkurs*, in *Teknisk Ukeblad*. 2014.
53. Nilsen, J. and J.O. Tande, *ENOVA støtte i utlandet - Enova bør støtte teknologiutvikling også i utlandet*, in *Teknisk Ukeblad*. 2014.
54. Nilsen, J. and J.O. Tande, *HIPRRWIND - Denne flytende havvindmøllen kan bli sjøsatt i Norge*, in *TU*. 2014.
55. Nilsen, J. and J.O. Tande, *Verdens største havvindturbin - Havvindgigantene kniver om å ha verdens største havvindturbin*, in *TU; 4. desember 2013*. 2013.
56. Nilsen, J., *Vi trenger en havvindpark*, in *TU*. 2014.
57. Olsen, C.R., *Skottland neste for Hywind?* 2012.
58. Onarheim, J. and T. Førde, *Norge treng eit nytt landslag til havs*, in *Stavanger Aftenblad*. 2009.
59. Par Thierry, L., *Norvege on cogite sur les energies alternatives*, in *L'usine Novuelle; June - July 2011*. 2011.
60. Reknes, A. and J.O. Tande, *Borten Moe tek feil om vindmøller*, in *NRK Sogn og Fjordane; 10. mai 2011*. 2011.
61. Roel, J.E., *EU-milliarder kan glippe*, in *Adresseavisen; 1. juni 2010*. 2010.
62. Roel, J.E., *Satser sammen på havvindmøller*, in *Adresseavisen*. 2010.
63. Sætran, L., *Bygg flytende vindmøllene langt til havs*, in *forskning.no*. 2012.
64. Sætran, L., *Vindkraft til havs*, in *NRK*. 2012.
65. Seehusen, J. and J.O. Tande, *NOWERI - Dette blir verdens første havvindturbin for åpen forskning*, in *Teknisk Ukeblad*. 2013.
66. Seehusen, J., R. Ramsdal, and J.O. Tande, *Ewicon vindkraft: Lager strøm av vind uten en eneste bevegelig del*. 2013.
67. Skatvedt, K. and J.O. Tande, *Turbinprodusent i motvind*, in *Dagens Næringsliv*. 2014.
68. Sundlisæter, T. and J.O. Tande, *Sheerwind Invelox - Ny vindturbin produserer seks ganger så mye kraft*, in *Teknisk Ukeblad*. 2013.
69. Tande, J.O. and A. Abelsen, *Bedre turbiner berget - prosjektet*, in *Energiteknikk*. 2016.
70. Tande, J.O. and A. Abelsen, *Kortslutning på boks*, in *Energiteknikk*. 2014.
71. Tande, J.O. and A. Saini, *Norway faces windy road to offshore wind*, in *MRS Bulletin*. 2015.
72. Tande, J.O. and A.S. Midling, *Norskekysten er krevende for bunnfaste vindmøller til havs*, in *Forskning.no*. 2015.
73. Tande, J.O. and A.S. Midling, *Norway's coast challenging for offshore wind turbines*, in *sciencenordic.com*. 2015.

74. Tande, J.O. and A.S. Midling, *Utbygging av fornybar energi bør ikke bare vurderes ut fra bedriftsøkonomiske prinsipper*, in *TU.no*. 2015.
75. Tande, J.O. and B.W. Tveiten, - *Markedet fikser ikke havvind av seg selv*, in *Sysla.no*. 2016.
76. Tande, J.O. and C. Aadland, *Mesteparten av strømmen må komme fra vindkraft i 2045*, in *Sysla Grønn*. 2017.
77. Tande, J.O. and D. Hautmann, *Dem Himmel so nah / so close to heaven*, in *Energie-Winde*. 2017.
78. Tande, J.O. and D. Hautmann, *Diese 5 Ideen könnten die Windkraft verändern*. 2016.
79. Tande, J.O. and F. Gullestad, *Havvind kan gi milliarder*, in *Klassekampen*. 2017.
80. Tande, J.O. and H.M. Larsen, *Havvindforsker mener regjeringen satser på havvind*, in *sysla.no*. 2016.
81. Tande, J.O. and J. Nilsen, *Dette vindmølle-fundamentet suger seg ned i havbunnen*, in *TU.no*. 2015.
82. Tande, J.O. and J. Nilsen, *Her bruker Fred. Olsen norsk oljekompetanse*, in *TU*. 2015.
83. Tande, J.O. and K. Rønningsbakk, *Havvind kan gi milliarder*, in *Kraftnytt*. 2017.
84. Tande, J.O. and M. Kjelstad, *Dialog Forskning og Industri*, in *Xergi*. 2012.
85. Tande, J.O. and M. Ruud, *5 spørsmål om vindkraft*, in *Teknisk Ukeblad*. 2014.
86. Tande, J.O. and M.L. Hirth, *Forskere kjemper om 1,3 milliarder kroner*. 2015.
87. Tande, J.O. and N. Røkke, *Seks grunner til at vindkraft er en god idé*, in *Adresseavisen*. 2015.
88. Tande, J.O. and S. Aarvig, *Europa satser og Norge nøler*, in *Energiteknikk*. 2017.
89. Tande, J.O. and S.A. Bakken, *Ut av offshore vind - vannkraften svekkes*. 2016.
90. Tande, J.O. and T. Lynneberg, *Må få fart i havvind-satsningen*, in *Samferdsel & Infrastruktur*. 2016.
91. Tande, J.O. and T. Lynneberg, *Vil bygge havvindøy i Nordsjøen*, in *Samferdsel & Infrastruktur*. 2016. p. 51-52.
92. Tande, J.O., *Dette vindmølle-fundamentet suger seg ned i havbunnen*, in *TU; 21 April 2015*. 2015.
93. Tande, J.O., *Die Windkraft Schwimmt sich frei*, in *Technology Review*. 2012. p. 28-34.
94. Tande, J.O., et al., *Vindkraft i medvind*, in *Dagens Næringsliv*. 2014.
95. Tande, J.O., *Flau bris rundt nedleggelsen av NOWITECH*, in *Klassekampen*. 2017.
96. Tande, J.O., *Framtidas kraftverk gir ren energi*, in *Nordic News*. 2015.
97. Tande, J.O., G. Eiksund, and A.S. Midling, *Norskekysten krevende for bunnfaste vindturbiner til havs*, in *petro.no*. 2015.
98. Tande, J.O., *Gode muligheter i havvind*, in *Maritimt magasin*. 2016.
99. Tande, J.O., *Havvind - Med bremsene på i oljeindustrien er tidspunktet ideelt for å satse på havvind*, in *Teknisk Ukeblad; 18. november 2015*. 2015.
100. Tande, J.O., *Havvind kan bety industriell vekst*, in *Energiteknikk*. 2015.
101. Tande, J.O., *Her skal forskere finne fremtidens energiløsninger*, in *Nationen*. 2015.
102. Tande, J.O., *Hywind skaper optimisme*, in *norwea.no*. 2015.
103. Tande, J.O., *Innslag på NRK, Her og Nå*, in *NRK, Her og Nå*. 2014.
104. Tande, J.O., *Inviterer til innspill og samarbeid*, in *Automatisering*. 2015.
105. Tande, J.O., *Kostensenkung von 50 Prozent in10 Jahren is möglich*, in *Franhofer IWES Annual report*. 2012.
106. Tande, J.O., *Lønnsomme nyvinninger i havvind*, in *Dagens Næringsliv*. 2017.
107. Tande, J.O., *Lover havvindstrategi i oktober*, in *Klassekampen*. 2017.
108. Tande, J.O., *Nordmenn lar sine vindturbiner flyte*, in *Cobouw*. 2016.
109. Tande, J.O., *Norge skal satse på havvind*, in *Maritime Denmark*. 2015.
110. Tande, J.O., O. Mo, and B. Gustavsen, *Myteknusing gir kraftmilliarder*, in *Gemini; Dagens Næringsliv*. 2017.
111. Tande, J.O., *Robot for vedlikehold*, in *Energiteknikk*. 2015.
112. Tande, J.O., *Slakter havvind stopp*, in *Klassekampen*. 2017.
113. Tande, J.O., *The future of offshore: will it stay fixed, or will it float?*, in *Rechargenews*. 2009. p. 12.
114. Tande, J.O., *Time for the next wave says offshore wind advocate*, in *Offshore Wind Journal*. 2016.
115. Tande, J.O., *Trur på norsk gigamarknad i Offshore Vind*, in *nett.no*. 2015.
116. Tande, J.O., *Ut av offshore vind vannkraften svekkes*, in *Energiteknikk*. 2016.
117. Tande, J.O., *Verden vil ha mer vindkraft*, in *Adresseavisen*. 2016.
118. Tande, J.O., *Vil bygge havvind-øy i Nordsjøen*, in *Samferdsel & Infrastruktur*. 2017.
119. Tande, J.O., *Vind og vannkraft*, in *NRK Verdt å vite*. 2009.
120. Tande, J.O., *Vindkraft er et godt klimatiltak*, in *Gemini.no*. 2015.
121. Tande, J.O., *Vindkraft er et godt klimatiltak*, in *Gemini; Adresseavisen*. 2015.
122. Tande, J.O.A.A., *Bedre turbiner berget - prosjektet*, in *Energiteknikk*. 2016.
123. Teknisk, U. and Ntnu, *Rapport: 40 prosent vil satse på fornybar energi til havs*, in *Teknisk Ukeblad*. 2014.
124. Trong, M.D. and J.O. Tande, *Stormfuldt møde med verdens første flytende havmølle*, in *Nyhedsbladet Dansk Energi; nr 12; 28. september 2009*. 2009.
125. Undeland, T. and S.I. Ekra, *Vind kan dekke Norges energibehov 20 ganger*, in *Adresseavisen*. 2014.