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Comparison of Resource and Energy Yield Assessment Procedures 2011-2015: What have we learned and what needs to be done?

Comparison of Simulations and Offshore Measurement Data of a Combined Floating Wind and Wave Energy Demonstration Platform

Comparison of simulations and offshore measurement data of a prototype of a floating combined wind and wave energy conversion system

Comparison of simulations of the far wake of alpha ventus against ship-based lidar measurements

Projects:

**Tendering sustainable energy transitions**
01/04/2018 → 30/09/2020
Project

**Wind power system support in future distribution networks**
15/01/2018 → 14/01/2021
Project: PhD

**Determination of Remaining Life of Operational Wind Turbines**
Conti, D., Natarajan, A. & Dimitrov, N. K.
01/01/2018 → 31/12/2020
Project: PhD

**Fluid Structure Interaction for Wind Turbines in Atmospheric Flow**
Grinderslev, C., Sørensen, N. N., Horcas, S. G. & Hansen, A. M.
01/01/2018 → 31/12/2020
Project: PhD

**Smart Tip**
Barlas, A.
01/12/2017 → 30/11/2020
Large scale atmospheric structures in space-time over flat terrain
15/11/2017 → 14/11/2020
Project: PhD

Villum Center for Advanced Structural and Material Testing
07/11/2017 → …
Project

Fatigue behaviour of polymer matrix at the microstructural scale
Bangaru, A. K., Sørensen, B. F., Legarth, B. N., Michel, A. & Mikkelsen, L. P.
01/11/2017 → 31/10/2020
Project: PhD

Rain climate and erosion of wind turbine blades
Tilg, A., Hasager, C. B. & Veien, F.
15/10/2017 → 14/10/2020
Project: PhD

Characterization of wind turbine siting parameters in complex terrain using remote sensing
De Azevedo Santos, P. A., Mann, J. & Vasiljevic, N.
01/10/2017 → 30/09/2020
Project: PhD

Performance optimization of wind farms using model-based data analysis
Schröder, L., Dimitrov, N. K., Mirzaei, M., Sørensen, J. A. & Verelst, D. R.
01/10/2017 → 30/09/2020
Project: PhD

New industrial paradigm for design of wind turbine blades - tip and root optimization for increasing power performance
Bak, C. & Zahle, F.
15/09/2017 → 14/09/2020
Project

Advanced meteorological modeling across scales
Imberger, M., Larsén, X. G. & Davis, N.
15/09/2017 → 14/09/2020
Project: PhD

High Reynolds Number Rotor Design
Kiefer, J., Hansen, M. O. L., Bak, C. & Hultmark, M.
01/09/2017 → 31/08/2020
Project: PhD

Supporting sustainable mini-grid development and local production of wind turbines using the case of Kenya
Nygaard, I., Hansen, U. E., Cronin, T., Nørgaard, J. & Hansen, J. C.
Design and optimization of electrical infrastructures in offshore wind power clusters
Pérez-Rúa, J., Cutululis, N. A., Das, K. & Sørensen, P. E.
15/05/2017 → 14/05/2020
Project: PhD

Large scale offshore wake impact on the Danish power system
01/05/2017 → 30/04/2020
Project

An experimental assessment of how trees affect the wind field
Angelou, N., Dellwik, E. & Mann, J.
01/04/2017 → 31/03/2020
Project: PhD

Wind Farm Control Trials
Simon, E., Hasager, C. B., Giebel, G., Kazda, J., Cutululis, N. A. & Courtney, M.
01/03/2017 → 31/12/2020
Project

Advanced Accurate and Computationally Efficient Numerical Methods for Wind Turbine Rotor Blade Design
Bertolini, P., Stolpe, M., Eder, M. A. & Lindby, T.
15/02/2017 → 14/02/2020
Project: PhD

Aero-acoustic wind tunnel tests
Lylloff, O. A., Fischer, A., Bak, C. & Fernandez Grande, E.
01/02/2017 → 31/01/2020
Project: PhD

Marine Renewable Infrastructure Network for Enhancing Technologies 2
Sempreviva, A. M.
01/01/2017 → 31/12/2020
Project

Wind turbine dynamics
Gözcü, O., Stolpe, M. & Hansen, A. M.
01/01/2017 → 31/12/2019
Project: PhD

Conceptual research of a multi megawatt downwind turbine
15/12/2016 → 14/12/2019
Project: PhD

Modelling of renewable energy under stressed power system stability conditions
Sarkar, M., Sørensen, P. E., Altin, M., Hansen, A. D. & Jóhannsson, H.
15/11/2016 → 14/11/2019
Project: PhD

Vind I ROSkilde
Abrahamsen, A. B., Dellwik, E., Kock, C. W., Clausen, N., Kjær, T., Sander, M. & Hermansen, S.
Ground clearance and power performance v2
van der Laan, P.
01/11/2016 → 17/03/2017
Project

Transition Modeling for Wind Turbine Rotors/TRMOD
Özçakmak, Ö. S., Sørensen, N. N., Aagaard Madsen, H. & Sørensen, J. N.
01/11/2016 → 31/10/2019
Project: PhD

Control and stability of meshed offshore grids with diode rectifiers and VSC HVDC
Bidadfar, A., Sørensen, P. E., Akhmatov, V., Altin, M. & Cutululis, N. A.
01/10/2016 → 30/09/2019
Project: PhD

Doppler lidar scanning of flow over complex terrain
Menke, R., Mann, J. & Vasiljevic, N.
01/10/2016 → 30/09/2019
Project: PhD

High Fidelity CFD-based Shape Optimization of Wind Turbine Blades
Madsen, M. H. A., Zahle, F., Andersen, S. J. & Sørensen, N. N.
15/09/2016 → 14/09/2019
Project: PhD

Control and operation of offshore wind power plants connected via HVDC
Saborío-Romano, O., Cutululis, N. A., Göksu, Ö., Sørensen, P. E. & Zeni, L.
01/09/2016 → 31/08/2019
Project: PhD

Nationwide accurate wind prospecting models for Denmark & Turkey
Bechmann, A.
01/07/2016 → 01/06/2018
Project

Process Parameters and Fatigue Properties of High Modulus Composites
Mortensen, U. A., Mikkelsen, L. P., Legstrup Andersen, T. & Hansen, B. M.
01/05/2016 → 30/04/2019
Project: PhD

Offentlig accept af VE teknologier (public acceptance of RE Technologies)
Clausen, N. & Rudolph, D. P.
01/04/2016 → 31/12/2017
Project

NSON-DK - North Sea Offshore Network - Denmark
Sørensen, P. E., Das, K., Koivisto, M. J., Pade, L. & Skytte, K.
01/04/2016 → 31/03/2020
Project

Security Assessment of Renewable Power Systems
Jóhannsson, H., Sørensen, P. E., Karatas, B. C., Sarkar, M. & Hildebrandt, C. B.
01/04/2016 → 31/03/2020
Integrated Baltic offshore wind electricity grid development
Pade, L., Bergaentzlé, C., Boscán Flores, L. R., Cutululis, N. A. & Das, K.
01/03/2016 → 30/09/2019
Project

The use of wind power capabilities to improve the operation of the distribution network
Hansen, A. D., Thybo, G. W., Sørensen, P. E., Das, K. & Altin, M.
01/03/2016 → 01/10/2018
Project

Bio4Self
Beauson, J., Mikkelsen, L. P., Madsen, B., Christensen, J. & Mishnaevsky, L.
01/03/2016 → ...
Project

PROMOTioN - PROgress on Meshed HVDC Offshore Transmission Networks
Cutululis, N. A., Sørensen, P. E., Göksu, Ö., Altin, M., Saborío-Romano, O. & Bidadfar, A.
01/01/2016 → 31/12/2019
Project

Lidar detection of wakes for wind turbine and farm control
Held, D. P., Mann, J., Hu, Q. & Mirzaei, M.
01/01/2016 → 31/12/2018
Project: PhD

Microstructure and Fatigue Properties of Railway Steels for Switches and Crossings
Dhar, S., Danielsen, H. K. & Juul Jensen, D.
15/12/2015 → 14/12/2018
Project: PhD

Multi-objective wind farm control
Kazda, J., Cutululis, N. A. & Courtney, M.
15/12/2015 → 14/12/2018
Project: PhD

Wave Load Response on Offshore Wind Turbine Structures
Wang, S., Larsen, T. J., Bredmose, H. & Kim, T.
15/12/2015 → 14/12/2018
Project: PhD

Experimental and modelling study of the composite piltrusion process for manufacturing of pre-fabricated elements for wind turbine blades
Miranda Maduro, M. A., Madsen, B., Almdal, K. & Løgstrup Andersen, T.
01/12/2015 → 30/11/2018
Project: PhD

Development of an Applied Measurement System for Short Term Power Forecasting and Gust/Ramp Prediction
Simon, E., Courtney, M. & Cutululis, N. A.
15/11/2015 → 14/11/2018
Project: PhD

Advanced CFD computation of breaking wave loads on offshore wind turbine structures
Ghadirian, A. & Bredmose, H.
01/11/2015 → 31/10/2018
Coastal Offshore Winds, Ocean Waves and Current using Remote Sensing
Ahsbahs, T. T., Badger, M., Karagali, I., Kim, S. Y. & Larsén, X. G.
01/11/2015 → 01/12/2018

Flex4RES - Flexible Nordic Energy Systems
01/10/2015 → 31/03/2019

Optimal Design of Wind Turbine Blades for Additive Manufacturing Techniques
Fernandez Perez, M., Bak, C., Andersen, P. B. & Blasques, J. P. A. A.
01/10/2015 → 30/09/2018

Quantifying leading edge roughness on wind turbine blades
Krus, E. K., Bak, C., Bentzen, T. R. & Sørensen, N. N.
01/10/2015 → 31/03/2019

Cascaded design tools for 10MW offshore wind turbine floaters
Pegalajar Jurado, A. M., Bredmose, H., Borg, M. & Mikkelsen, R. F.
15/09/2015 → 14/09/2018

Full scale demonstration of an active flap system for wind turbines
Aagaard Madsen, H. & Barlas, A.
01/07/2015 → 30/06/2018

System adequacy and reserve margins with increasing levels of variable generation
Sørensen, P. E., Marinelli, M., Litong-Palima, M. & Hahmann, A. N.
01/07/2015 → 31/08/2016

Cost-effective strategies for Wind farm O&M
Colone, L., Natarajan, A. & Dimitrov, N. K.
01/07/2015 → 30/06/2018

Intelligent Quality Assessment of Railway Switches and Crossings
01/03/2015 → 28/02/2019

Intelligent Quality Assessment of Railway Switches and Crossings (INTELLISWITCH)
Thyregod, C., Ersbøll, B. K. & Juul Jensen, D.
01/03/2015 → 31/12/2019

Reducing uncertainty of near-shore wind resource estimates using onshore lidars
01/02/2015 → 30/09/2016
Project

Inflow Characterization based on Remote Sensing using Pitot Tubes
01/02/2015 → 31/01/2018
Project: PhD

Advancing Materials
Weldeyesus, A. G.
14/01/2015 → ...
Project

Ancillary services from renewable power plants
Hansen, A. D.
01/01/2015 → 31/12/2017
Project

Fatigue strength of composite wind turbine blade structures
Ardila, O. G. C., Branner, K. & Brøndsted, P.
01/01/2015 → 28/02/2018
Project: PhD

More accurate mesoscale to microscale downscaling for determining wind conditions at complicated sites
Olsen, B. T., Badger, J., Cavar, D., Hahmann, A. N. & Mann, J.
15/12/2014 → 16/06/2018
Project: PhD

Measuring Turbulence using Commercial Wind Lidars
Sathe, A. & Vignaroli, A.
21/11/2014 → 11/11/2015
Project

Impact of wind power uncertainty on electric power system reliability
Nuño Martinez, E., Cutululis, N. A., Sørensen, P. E., Giebel, G., Kariniotakis, G. & van Hertem, D.
15/11/2014 → 14/11/2017
Project: PhD

Probabilistic Design of Wind Turbines Structures
NJOMO WANDJI, W., Natarajan, A., Buhl, T., Dimitrov, N. K., Bredmose, H., Bhattacharya, S. & Muskulus, M.
15/11/2014 → 14/11/2017
Project: PhD

Development of an advanced noise propagation model for noise optimization in wind farm
01/11/2014 → 31/10/2017
Project: PhD

Fracture mechanics approach to probabilistic inspection planning of offshore foundation structures for wind turbines
01/11/2014 → 01/02/2018
Project: PhD

Improved testing methods for fibre composites used in wind turbine blades
Kristiansen, M. F., Mikkelsen, L. P. & Brøndsted, P.
01/11/2014 → 31/08/2015
Modeling of Wind Turbine Inflow
01/09/2014 → 31/08/2017

Adhesive Joints in Wind Turbine Blades
Jørgensen, J. B., Sørensen, B. F., Kildegaard, C., Mikkelsen, L. P., Caro, A. B. & Jensen, H. M.
01/09/2014 → 15/11/2017

Scholarship associated with DSF project UniTTe
01/09/2014 → 07/12/2017

Cost-Effective mass production of Universal Foundations for large offshore wind park
Weldeyesus, A. G.
09/08/2014 → …

Design Optimization of Jacket Structures for Mass Production
Sandal, K.
01/08/2014 → …

Dynamic Response Optimal Design of Jacket Structures under Many Loads
Courtney, W. T., Stolpe, M. & Natarajan, A.
01/08/2014 → 30/11/2014

Using nacelle-mounted lidars in wind turbine power and load measurements
Borraccino, A., Courtney, M., Wagner, R., Hansen, K. S., Clifton, A. J. & Gottschall, J.
01/06/2014 → 21/09/2017

Coupling atmospheric and wave models for storm conditions
15/04/2014 → 07/09/2017

Fatigue damage evolution in fibre composites for wind turbine blades
15/04/2014 → 07/09/2017
Wind Farm Layout Optimization in Complex Terrain
01/04/2014 → 31/12/2017

Tree-code algorithm for large scale vortex method simulation
Branlard, E. S. P., Gaunaa, M. & Mercier, P.
01/04/2014 → 01/10/2014

Probabilistic wind characterization and wind turbine design
Hannesdóttir, Á., Kelly, M. C., Natarajan, A. & Mann, J.
01/04/2014 → 28/09/2018

Wind Atlas for South Africa (Phase 2)
01/04/2014 → 31/03/2018

Coordinated control of wind power plants in offshore HVDC grids
Sakamuri, J. N., Cutululis, N. A., Hansen, A. D., Sørensen, P. E., Nielsen, A. H., Liang, J. & Uhlen, K.
15/03/2014 → 14/03/2017

Integrated Research Programme in Wind Energy
Sempreviva, A. M.
01/03/2014 → 28/02/2018

WAsP e-learning courses
Mortensen, N. G., Rathmann, O. S., Nielsen, M., Kelly, M. C., Gryning, S., Troen, I., Lundtang Petersen, E., Peña, A., Hansen, B. O. & Larsen, S. E.
10/02/2014 → 31/12/2017

Alliance for Imaging and Modelling of Energy Applications
01/01/2014 → 31/12/2018

ABYSS: Advancing BeYond Shallow waterS - Optimal design of offshore wind turbine support structures
Stolpe, M., Buhl, T., Bredmose, H., Zania, V., Natarajan, A., Schløer, S. & Sørensen, J. D.
01/01/2014 → 31/12/2017

Unified testing procedures for wind turbines through inflow characterisation using nacelle lidars
01/01/2014 → 31/12/2017
Nucleation of recrystallization at selected sites in deformed fcc metals
Xu, C., Juul Jensen, D., Wu, G., Zhang, Y., Huang, X., Quey, R. & Zhang, H.
01/01/2014 → 20/04/2017
Project: PhD

Light Weight Rotor Design - Combined passive and active control methods
Pavese, C., Kim, T., Henriksen, L. C., Larsen, T. J., Bak, C., Kallesøe, B. S. & Palacios, R.
15/12/2013 → 20/04/2017
Project: PhD

Uncertainty Quantification of Wind Farm Flow Models
15/12/2013 → 23/03/2017
Project: PhD

Parallelization of vortex methods
Branlard, E. S. P. & Sørensen, H. H. B.
01/12/2013 → 01/04/2015
Project

Modeling of low frequency noise from wind turbines
Debertshäuser, H., Shen, W. Z., Sørensen, J. N., Zhu, W. J., Bertagnolio, F., Cotté, B. & Kaltenbach, H.
01/12/2013 → 31/05/2017
Project: PhD

Noise propagation and optimization from wind turbines in wind farm
Menicocci, S., Zhu, W. J., Shen, W. Z. & Sørensen, J. N.
01/12/2013 → 31/08/2014
Project: PhD

European Clusters for Offshore Wind Servicing
Piirainen, K. A., Andersen, P. D., Clausen, N., Buhl, T. & Cronin, T.
01/11/2013 → 31/10/2015
Project

Design of Large wind turbines using fluid-structure coupling technique
Sessarego, M., Shen, W. Z., Ramos García, N., Sørensen, J. N., Aagaard Madsen, H., Madsen, J. & Schepers, G.
01/11/2013 → 16/02/2017
Project: PhD

Development of Large Eddy Simulation Tools for Simulation of Atmospheric Boundary Layers in Wind Farms
Dag, K. O., Sørensen, J. N., Shen, W. Z., Sørensen, N. N., Berg, J., Churchfield, M. J. & Meyers, J.
01/11/2013 → 07/12/2017
Project: PhD

Cost-Effective mass production of Universal Foundations for large offshore wind park
Buhl, T. & Stolpe, M.
01/10/2013 → 30/09/2016
Project

Performance Measurements with the use of Spinner Anemometry
Demurtas, G., Friis Pedersen, T., Mouritsen, S., Wagner, R., Hansen, K. S., Eecen, P. J. & Gottschall, J.
01/10/2013 → 25/11/2016
Project: PhD
GARPUR - Generally Accepted Reliability Principle with Uncertainty modelling and through probabilistic Risk assessment
Cutululis, N. A. & Sørensen, P. E.
01/09/2013 → 31/08/2017
Project

Windtrust
Bak, C., Fischer, A. & Bertagnolio, F.
01/09/2013 → 31/08/2016
Project

Statistical characterization of metal microstructures
01/09/2013 → 09/12/2016
Project: PhD

Blade Dragon 2.0
Gaunaa, M., Bergami, L., Hansen, A. M., Zahle, F., Hansen, A. D. & Barlas, A.
01/07/2013 → 30/08/2016
Project

Extreme winds and waves for offshore turbines - Coupling atmosphere and wave modeling for design and operation in coastal zones
Larsén, X. G., Du, J., Badger, J., Imberger, M., Karagali, I., Badger, M., Kelly, M. C., Hahmann, A. N. & Larsen, S. E.
01/07/2013 → 31/10/2017
Project

New optimal design tools for future wind turbine blades
Blasques, J. P. A. A.
01/06/2013 → 31/05/2015
Project

Optimal design of adaptive wind turbine blades
15/05/2013 → 16/02/2017
Project: PhD

Mechanical properties of stone wool products after chemical and mechanical ageing
Chapelle, L., Brøndsted, P., Kusano, Y., Larsen, D., Madsen, B., Gamstedt, K. & Neagu, C.
01/05/2013 → 30/09/2016
Project: PhD

Multi-terminal DC grid for offshore wind
Cutululis, N. A.
01/05/2013 → 31/03/2017
Project

Integration of wind power and other renewables in power system defence plans
Das, K., Sørensen, P. E., Abildgaard, H., Hansen, A. D., Margaris, I., Nielsen, A. H., Iov, F. & Uhlen, K.
01/04/2013 → 04/07/2016
Project: PhD

Reliabilities of composite materials for wind turbine blades
Pereira, G. F., Mikkelsen, L. P., McGugan, M., Sørensen, B. F., Legarth, B. N., Güemes, A. & Ogin, S. L.
01/04/2013 → 04/07/2016
Project: PhD
PhD scholarship in Turbulent Atmospheric Flow with Relevance for Wind Energy
01/03/2013 → 29/09/2016
Project: PhD

ESA ResGrow
Hasager, C. B., Astrup, P., Badger, M., Giebel, G. & Hahmann, A. N.
07/02/2013 → 30/09/2015
Project

Sino-Danish project: ORES: Study on offshore wind resource assessment based on satellite data and modelling
Hasager, C. B., Badger, M., Astrup, P. & Larsen, X. G.
01/02/2013 → 31/12/2014
Project

Sea Surface Temperature Diurnal Variability: Regional Extent - Implications in Atmospheric Modelling
Karagali, I. & Hasager, C. B.
15/01/2013 → 15/01/2015
Project

Standardiserede Power Packs til forbedret aerodynamik i vindmøller - PowerPack
Bak, C., Gaunaa, M. & Zahle, F.
01/01/2013 → 31/12/2015
Project

Online WAsP
01/01/2013 → 31/12/2015
Project

Future Technologies for Wind Energy: Blade materials, Turbine reliability, Computation tools, and Experimental methods
Raghavalu Thirumalai, D. P., Sørensen, B. F. & Mishnaevsky, L.
01/01/2013 → 31/12/2013
Project

Power Pack
Bak, C., Gaunaa, M., Skrzypinski, W. R., Zahle, F. & Sørensen, N. N.
01/01/2013 → 31/12/2015
Project

AVATAR
Sørensen, N. N., Aagaard Madsen, H., Zahle, F., Rasmussen, F., Heinz, J. C., Henriksen, L. C., Troldborg, N., Sørensen, J. N. & Barlas, A.
01/01/2013 → 31/10/2017
Project

Possible Power of Downregulated Offshore Wind power plants
Göçmen, T., Giebel, G., Poulsen, N. K., Sørensen, P. E., Sørensen, J. N., Apt, J. & Johansen, K.
15/12/2012 → 07/04/2016
Project: PhD

Innovative wind conversion systems (10-20MW) for offshore applications
Natarajan, A., Jensen, P. H., Buhl, T., Abrahamsen, A. B., Aagaard Madsen, H., Hanis, T., Stolpe, M., Sørensen, J. N. & Barlas, A.
Pan European Climate Data
Marinelli, M., Cutululis, N. A. & Hahmann, A. N.
01/11/2012 → 31/07/2014
Project

Combinatorial Optimization over Second-Order and Industrial Applications
Friberg, H. A., Stolpe, M., Andersen, K. H., Andersen, E. D., Andersen, M. S., Pataki, G. & Terlaky, T.
01/10/2012 → 04/07/2016
Project: PhD

Mathematical programming methods for large-scale structural topology optimization
Rojas Labanda, S., Stolpe, M., Sigmund, O., Jensen, J. S., Evgrafov, A. & Stingl, M. W.
01/09/2012 → 28/01/2016
Project: PhD

National Wind Tunnel
Bak, C., Fischer, A., Gauana, M., Mikkelsen, R. F., Mann, J. & Barlas, A.
15/08/2012 → 31/12/2016
Project

IEA Wind 29 Mexnext-II
Aagaard Madsen, H. & Sørensen, N. N.
01/08/2012 → 31/12/2014
Project

EUDP LEX
Larsen, T. J. & Hansen, A. M.
08/07/2012 → 30/06/2016
Project

Aerodynamic and structural design of wind turbine blades
Hrgovan, I., Shen, W. Z., Berggreen, C. & Sørensen, J. N.
15/06/2012 → 30/09/2016
Project: PhD

Assessment of extreme design loads for modern wind turbines using the probabilistic approach
Abdallah, I., Natarajan, A., Sørensen, J. D., Larsen, G. C., Manuel, L. & Riziotis, V. A.
01/05/2012 → 24/08/2015
Project: PhD

Ultimate strength of wind turbine blade structures under multi axial loading
Haselbach, P. U., Branner, K., Berggreen, C., Bitsche, R., Mikkelsen, L. P., Lindgaard, E. & Trujillo, J.
01/05/2012 → 25/02/2016
Project: PhD

Research and Development of optimal Wind turbine rotors under offshore wind conditions in China
Shen, W. Z., Zhu, W. J., Aagaard Madsen, H. & Sørensen, J. N.
01/04/2012 → 30/06/2017
Project

Optimizing wind energy: Investigation of atmospheric turbulence using lidars
Sathe, A.
01/04/2012 → 31/03/2015
Economic grid support from variable renewables
Cutululis, N. A.
01/04/2012 → 01/10/2014

Wind Turbine Aerodynamics and Aeroelasticity using Vortex Based Methods
Branlard, E. S. P., Gaunaa, M., Sørensen, J. N., Hjort, S. & van Kuik, G. A. M.
01/04/2012 → 22/06/2015

Electromechanical Drivetrain Simulation
15/03/2012 → 24/08/2015

Offshore Wind Turbine Foundation Design Loads Mitigation
Jiwinangun, R. G. & Natarajan, A.
15/03/2012 → 15/01/2013

Experimental Stereo Vision Studies of Flow and Structural Effects on Wind Turbines
Najafi, N., Schmidt Paulsen, U., Sjöholm, M., Mann, J., Georgakis, C. T., Griffith, D. T. & Tcherniak, D.
01/03/2012 → 30/11/2015

Low-cost semiconductor laser wind sensors
Rodrigo, P. J., Pedersen, C., Dellwik, E., Mann, J. & Sjöholm, M.
01/03/2012 → 28/02/2014

Raghavalu Thirumalai, D. P., Sørensen, B. F. & Mishnaevsky, L.
01/02/2012 → 31/12/2012

Demonstration of Partial Pitch 2-bladed Wind Turbine
01/01/2012 → 31/12/2014

EUDP Envision PP2B
Kim, T., Larsen, T. J., Yde, A., Zahle, F. & Sørensen, N. N.
01/01/2012 → 31/12/2014

WakesBench
Réthoré, P. & Bechmann, A.
01/01/2012 → 31/12/2014

Poseidon 3
Yde, A., Larsen, T. J. & Verelst, D. R.
01/01/2012 → 31/12/2014
Project

EERA DTOC: European Energy Research Alliance Design Tools for Offshore wind farm Clusters
01/01/2012 → 30/06/2015
Project

EU MERMAID: Innovative Multi-purpose offshore platforms: planning, design and operation
Hasager, C. B., Badger, M., Larsén, X. G. & Bingöl, F.
01/01/2012 → 31/05/2016
Project

iTesla - Innovative Tools for Electrical System Security within Large Areas
Sørensen, P. E., Altin, M., Das, K., Hansen, A. D., Göksu, Ö. & Margaris, I.
01/01/2012 → 31/12/2015
Project

Micro-Scale Experiments and Models for Composite Materials with Materials Research
Zike, S., Mikkelsen, L. P., Sørensen, B. F., Tvergaard, V., Legarth, B. N., Jensen, H. M. & Thouless, M.
01/01/2012 → 30/10/2015
Project: PhD

Development of Efficient Turbulence Models for CFD Wake Simulations
van der Laan, P., Sørensen, N. N., Kelly, M. C., Réthoré, P., Mann, J., Mikkelsen, R. F., Madsen, J. I. & Masson, C.
15/12/2011 → 24/04/2015
Project: PhD

Two-dimensional rotor plane wind data retrieval - HTF Wind Lidar
Foroughi Abari, F., Mann, J., Sjöholm, M., Courtney, M., Cariou, J. & Water, W. V. D.
15/12/2011 → 24/09/2015
Project: PhD

Wind Power Plant System Services
Basit, A., Hansen, A. D., Altin, M., Sørensen, P. E., Cutululis, N. A., Chen, Z. & Molina Garcia, A.
15/12/2011 → 19/03/2015
Project: PhD

INDUFLAP
Aagaard Madsen, H., Bergami, L., Rasmussen, F. & Barlas, A.
01/11/2011 → 30/06/2014
Project

WAsP CFD
Bechmann, A., Sørensen, N. N., Réthoré, P., Zahle, F. & Koblitz, T.
01/11/2011 → 31/01/2014
Project

Aeroservoelastic modeling and stability of wind turbine blades
Pirrung, G., Aagaard Madsen, H., Kim, T., Hansen, M. O. L., Bussel, G. J. W. V. & Kallesøe, B. S.
01/11/2011 → 23/02/2015
Project: PhD

Concurrent aero-servo-elastic design and optimization of wind turbines
Tibaldi, C., Bak, C., Henriksen, L. C., Stolpe, M., Riziotis, V. A. & Winther Stærdahl, J.
01/11/2011 → 21/05/2015
Project: PhD

Multiple Turbine Wakes
01/11/2011 → 24/08/2015
Project: PhD

Flow over complex forested terrain
15/10/2011 → 24/08/2015
Project: PhD

Theoretical analysis, design and virtual testing of biocompatibility and mechanical properties of titanium-based nanomaterials
Mishnaevsky, L. & Liu, H.
01/10/2011 → 31/03/2014
Project

Communication and control in clusters of wind power plants connected to HVDC offshore grids
Zeni, L., Sørensen, P. E., Hansen, A. D., Kjær, P. C., Rasmussen, T. W., Liang, J. & Petersson, A.
01/10/2011 → 22/06/2015
Project: PhD

Integrated Wind Power Planning Tool
Rosgaard, M. H., Hahmann, A. N., Madsen, H., Pinson, P., Nissen, J. N. & Wilson, C. G.
01/10/2011 → 24/08/2015
Project: PhD

Nanostructuring of oxide dispersion strengthened ferritic steels by plastic deformation
Zhang, Z., Pantleon, W., Mishin, O., Tao, N., Danielsen, H. K., Petrov, R. H. & Sauvage, X.
01/10/2011 → 24/04/2015
Project: PhD

Offshore Wind Turbine Foundation Design
01/10/2011 → 22/06/2015
Project: PhD

Virtual Campus Hub
01/10/2011 → 30/09/2013
Project

DOE Great Lakes: An integrated approach to offshore wind energy assessment: Great Lakes 3D wind experiment
Hasager, C. B., Karagali, I. & Badger, M.
30/09/2011 → 30/09/2015
Project

Validated loads prediction models for offshore wind turbines for enhanced component reliability
Koukoura, C., Natarajan, A., Branner, K., Hansen, K. S., Bossanyi, E. A. & Ibsen, L. B.
15/09/2011 → 19/12/2014
Project: PhD
Enhanced Ancillary Services from Wind Power Plants
Cutululis, N. A., Hansen, A. D. & Altin, M.
01/09/2011 → 31/08/2014
Project

Optimal Design of Composite Structures under Manufacturing Constraints
Marmaras, K., Stolpe, M., Lund, E., Mikkelsen, L. P., Branner, K., Duysinx, P. & Klarbring, A.
01/08/2011 → 05/11/2014
Project: PhD

Forecasting Wind Turbine icing Conditions
Davis, N., Hahmann, A. N., Clausen, N., Zagar, M., Giebel, G., Andersson, A. & Haupt, S. E.
01/06/2011 → 05/11/2014
Project: PhD

Development of commercially viable wind power system in Nepal
Mishnaevsky, L.
31/05/2011 → 30/06/2013
Project

High reliability of large wind turbines via computational micromechanics based enhancement of materials performances
Mishnaevsky, L. & Dai, G.
01/05/2011 → 31/07/2015
Project

Wind turbine tip-loss corrections
Branlard, E. S. P.
16/04/2011 → 30/09/2011
Project

TURBOPT
Aagaard Madsen, H., Henriksen, L. C., Fischer, A. & Shen, W. Z.
01/04/2011 → 30/06/2014
Project

The impact of non-neutral atmosphere on offshore wind turbines
de Mare, M. T., Mann, J., Larsen, G. C., Veldkamp, D., Berg, J., Bossanyi, E. A. & George, W. K.
15/03/2011 → 24/09/2015
Project: PhD

OffshoreDC - DC grids for integration of large scale wind power
Cutululis, N. A., Sørensen, P. E., Hansen, A. D., Zeni, L., El-Khatib, W. Z. & Holbøll, J.
01/02/2011 → 31/01/2016
Project

Wind Farm
Larsen, G. C., Troldborg, N. & Larsen, T. J.
01/02/2011 → 31/12/2014
Project

Simulation of flows past a wind turbine with wind shear using Navier-Stokes based sliding mesh technique
01/02/2011 → 29/09/2014
Project: PhD
REWIND - Knowledge based engineering for improved reliability of critical wind turbine components
Hattel, J. H., Tvergaard, V., Somers, M. A. J., Fæster, S., Natarajan, A. & Klit, P.
01/01/2011 → 31/12/2016
Project

WTopt
01/01/2011 → 30/08/2014
Project

Development of a carbon neutral luminaire for the urban environement
01/01/2011 → 31/12/2012
Project

Simulation and Modelling of Wakes and Wake Interaction in Offshore Wind Farms
01/01/2011 → 25/08/2014
Project: PhD

Free Material Optimization of Wind Turbine Blades
15/12/2010 → 03/12/2014
Project: PhD

Icing Problems of Wind Turbine Blades in Cold Climates
Hudecz, A., Hansen, M. O. L., Battisti, L., Villumsen, A., Meyer, K. E., Johansen, J. & Oleskiw, M. M.
15/11/2010 → 26/05/2014
Project: PhD

Numerical modelling of the boundary-layer wind profile
Pedersen, J. G., Gryning, S., Kelly, M. C., Larsen, S. E., Rutgersson, A. & Zagar, M.
15/10/2010 → 21/02/2014
Project: PhD

Light Rotor
Bak, C., Zahle, F., Kim, T., Gaunaa, M., Sørensen, N. N., Hansen, M. H., Bitsche, R. & Blasques, J. P. A. A.
01/10/2010 → 30/09/2013
Project

Future Deep Sea Wind Turbine Technologies
Schmidt Paulsen, U.
01/10/2010 → 30/09/2014
Project

Light Rotor
Bak, C., Zahle, F., Kim, T., Yde, A., Sørensen, N. N., Gaunaa, M. & Skrzypinski, W. R.
01/10/2010 → 31/05/2014
Project

Cost effecient deep water foundation for large offshore wind turbines
Buhl, T.
01/10/2010 → 01/10/2014
Project
PSO Poseidon 2  
01/10/2010 → 31/12/2013  
Project

Wake effects of large offshore wind farms - a study of mesoscale atmosphere and ocean feedbacks  
Volker, P., Hahmann, A. N., Badger, J., Réthoré, P., Barstad, I. & Gayle Nygaard, N.  
01/10/2010 → 28/04/2014  
Project: PhD

Aerodynamic modelling  
Guntur, S., Sørensen, N. N., Hansen, M. O. L., Johansen, J. & Echarri, X. M.  
15/09/2010 → 27/01/2014  
Project: PhD

Boundary-layer wind profile, measurements and theory  
Floors, R. R., Gryning, S., Peña, A., Larsen, S. E., Gulstad, L. & Wilczak, J. M.  
15/09/2010 → 27/01/2014  
Project: PhD

ICEWIND: Improved forecast of wind, waves and icing  
Clausen, N., Hasager, C. B., Hahmann, A. N., Davis, N., Badger, M. & Giebel, G.  
01/09/2010 → 28/02/2015  
Project

Nysted 2, Wakes  
Larsen, G. C., Pedersen, M. M., Aagaard Madsen , H. & Larsen, T. J.  
01/06/2010 → 30/06/2014  
Project

CFD Modelling of non-Neutral ABL Conditions  
01/06/2010 → 12/12/2013  
Project: PhD

Flow measurements in complex terrain using a 3D LIDAR Windscanner  
Vasiljevic, N., Courtney, M., Mann, J., Ejswing Jørgensen, H., Margulis, M. S. & Rankers, A. M.  
01/06/2010 → 30/09/2014  
Project: PhD

Simulation and prediction of wakes and wake interaction in wind farms  
01/06/2010 → 27/01/2014  
Project: PhD

Fatigue and extreme wave loads on bottom fixed offshore wind turbines  
Schleer, S., Bredmose, H., Mikkelsen, R. F., Aagaard Madsen , H., Krostad, J. R. & Manuel, L.  
01/05/2010 → 12/12/2013  
Project: PhD

Atmospheric turbulence and wind energy  
Chougule, A. S., Mann, J., Kelly, M. C., Sørensen, J. N. & Cheng, P. W.  
15/04/2010 → 20/09/2013  
Project: PhD
The effects of fibre architecture on fatigue life-time of composite materials
15/04/2010 → 30/09/2013
Project: PhD

Danish Centre for Composites Structures and Materials for Wind Turbines
01/04/2010 → 31/03/2017
Project

Transmission system operation with large penetration of Wind and other renewable Electricity sources in Networks by means of Innovative Tools and Integrated Energy Solutions
Litong-Palima, M.
01/04/2010 → 30/09/2013
Project

TWENTIES - Transmission system operation with large penetration of Wind and other renewable Electricity sources in Networks by means of Innovative Tools and Integrated Energy Solutions
Serensen, P. E., Cutululis, N. A., Maule, P., Litong-Palima, M. & Altiparmakis, A.
01/04/2010 → 30/09/2013
Project

Design af bæredygtige energisystemer i Grønland
01/04/2010 → 28/04/2016
Project: PhD

Highly flexible wind turbine rotor design
01/04/2010 → 30/09/2013
Project: PhD

Studies of 3D microscale damage evolution in composites materials for wind turbines
Martyniuk, K., Serensen, B. F., Lauridsen, E. M., Madsen, B., Carballo, F. P. & Gamstedt, K.
01/04/2010 → 27/01/2014
Project: PhD

EU-South Baltic OFF.E.R: South Baltic Offshore Energy Regions
01/03/2010 → 28/02/2013
Project

EU ORECCA: Off-shore Renewable Energy Conversion platforms – Coordination Action
Karagali, I. & Sempreviva, A. M.
01/03/2010 → 31/08/2011
Project

Performance enhancement and load reduction on wind turbines using inflow measurements
Kragh, K. A., Hansen, M. H., Larsen, T. J., Mikkelsen, T. K., Poulsen, N. K., Bossanyi, E. & Riziotis, V. A.
01/03/2010 → 25/06/2013
Project: PhD

Optimization of vortex generators on wind turbine blades
Velte, C. M., Hansen, M. O. L., Okulov, V., Serensen, N. N. & Fuglsang, P.
Predicting durability of composite structures during cyclic loading
Wahlgren, S., Sørensen, B. F., Jacobsen, T. K. & Lundsgaard-Larsen, C.
15/01/2010 → 06/10/2015
Project: PhD

DANAERO MW II: Indflydelse af atmosfære- og kælvandsturbulens på MW møllers ydeevne, last og stabilitet
Bak, C., Aagaard Madsen, H., Trolsborg, N., Bertagnolio, F. & Sørensen, S. A.
01/01/2010 → 31/12/2012
Project

SIMBA - Simulation of balancing
Sørensen, P. E., Cutululis, N. A., Litong-Palima, M. & Maule, P.
01/01/2010 → 31/12/2014
Project

ComWind (Flowcenter) AED
Sørensen, N. N., Trolsborg, N., Réthoré, P., Bechmann, A., Zahle, F., Larsen, G. C. & Sørensen, J. N.
01/01/2010 → 31/12/2016
Project

EU MARINA PLATFORM: Marine renewable integrated application platform
01/01/2010 → 30/06/2014
Project

Adaptive Trailing Edge Flap, control for enhanced load alleviation
Bergami, L., Gaunaa, M., Buhl, T., Poulsen, N. K., Mikkelsen, R. F., Bossanyi, E. & Schepers, G.
01/01/2010 → 27/08/2013
Project: PhD

Test Facility for grid connection characteristics of wind power plants - Phase 1
Sørensen, P. E. & Cronin, T.
01/01/2010 → 30/06/2011
Project

Yield point phenomenon and formability of nanometals
Kidmose, J., Huang, X., Winther, G., Mikkelsen, L. P., Nielsen, K. B. & Tsuji, N.
01/01/2010 → 20/06/2014
Project: PhD

Kinetics of coarsening during annealing
Lin, F., Juul Jensen, D., Pantleon, W., Huang, X., Delannay, L. & Rollett, A. D.
01/12/2009 → 24/04/2013
Project: PhD

Performance of biodegradable polymers used in mechanically loaded implants
01/12/2009 → 28/10/2013
Project: PhD

Dynamic wake model for load calculations of wind turbines
Keck, R., Aagaard Madsen, H., Larsen, G. C., Hansen, M. O. L., Madsen, J. I. & Riziotis, V. A.
Coupling of a CFD Solver with a Multibody Structural Model Applied to Trailing Edge Flaps
Heinz, J. C., Sørensen, N. N., Zahle, F., Mikkelsen, R. F., Johansen, J. & Voutsinas, S.
Project: PhD
01/10/2009 → 27/08/2013

Meso-scale modelling with focus on the water vapour profile
Nielsen, J. R., Dellwik, E., Bøgh, E., Hahmann, A. N., Badger, J., Nielsen, N. W. & Verhoef, A.
Project: PhD
01/10/2009 → 20/09/2013

Aeroelastic optimization of MW turbines
Buhl, T.
Project
01/09/2009 → 31/08/2011

Computationally Efficient Methods for Reliability Based Design of Wind Turbine Blades
Dimitrov, N. K., Berggreen, C., Fris-Hansen, P., Staerdahl, J., Nishijima, K., Straub, D. & Sørensen, J. D.
Project: PhD
01/09/2009 → 27/08/2013

Integreret Aeroservoelastisk Analyse og Design af Vindmøller
Project: PhD
01/09/2009 → 20/09/2013

Structural and textural control in high strength dual phase steels
Azuma, M., Huang, X., Winther, G., Juul Jensen, D., Furuhara, T. & Withers, P. J.
Project: PhD
01/09/2009 → 24/04/2013

3D virtual testing of composites for wind energy applications: Computational mesomechanics approach
Mishnaevsky, L.
Project
01/05/2009 → 31/05/2011

Pre-standardisation of wind power modelling
Sørensen, P. E., Margaris, I., Hansen, A. D. & Wu, Q.
Project
01/05/2009 → 30/11/2013

Structure and mechanical properties of aligned natural fibre composites
Rask, M., Sørensen, B. F., Lauridsen, E. M., Madsen, B., Mikkelsen, L. P. & Spearing, S. M.
Project: PhD
01/04/2009 → 31/01/2013

Offshore Wind Energy: Wind and Sea Surface Temperature from Satellite Observations
Project: PhD
01/03/2009 → 24/08/2012

EO-LAND-WATER
Dellwik, E., Hasager, C. B., Sogachev, A. & Nielsen, J. R.
01/02/2009 → 01/07/2012
Floating offshore wind turbines - 3D hydrodynamics coupled to an advanced aero-elastic code
01/02/2009 → 27/05/2013
Project: PhD

Integrated design of wind power systems
01/02/2009 → 18/06/2012
Project: PhD

Analysis and modeling of unsteady aerodynamics with application to wind turbine blade vibration at standstill conditions
15/12/2008 → 23/05/2012
Project: PhD

New data assimilation techniques for short-term wind energy forecast models with a rapid update cycle
15/12/2008 → 25/06/2012
Project: PhD

Sensor Design and Control Algorithm for Flaps on Wind Turbine Blades
01/12/2008 → 23/05/2012
Project: PhD

Strukturelt design af fremtidens store vinger under kombineret last
Bialas, Z., Branner, K., Bak, C. & Berggreen, C.
01/12/2008 → 15/09/2012
Project: PhD

Unsteady Flow Modeling and Experimental Verification of Active Flow Control Concepts for Wind Turbine Blades
Bæk, P., Gaunaa, M., Korsgaard, J., Hansen, M. O. L., Bottasso, C. L. & van Kuik, G. A. M.
01/12/2008 → 02/05/2012
Project: PhD

Wind Atlas for South Africa (Phase 1)
01/11/2008 → 31/03/2014
Project

Characterization and modelling of wood fibre composites
Aslan, M., Sørensen, B. F., Madsen, B., Horsewell, A. & Burgert, I.
15/10/2008 → 20/09/2012
Project: PhD

EU NORSEWinD: Northern Seas Wind Index database
01/08/2008 → 31/07/2012
Project
Recovery and recrystallisation of nanostructured metals - mechanisms and kinetics
Yu, T., Huang, X., Winther, G., Pantleon, W., Doherty, R. D. & Driver, J. H.
01/08/2008 → 23/05/2012
Project: PhD

Development of Adaptive Trailing Edge Flap (ATEF) system for Wind Turbines
Buhl, T.
01/04/2008 → 31/12/2011
Project

EFP07-II, Program for Forskning i Anvendt Aeroelasticitet
Buhl, T.
01/04/2008 → 31/03/2009
Project

Strukturel modellering af vindmølleblade med passiv kontrol
Fedorov, V., Berggreen, C., Branner, K., Krenk, S., Jensen, J. J., Hayman, B. & Thomsen, O. T.
01/03/2008 → 23/11/2012
Project: PhD

El til vejtransport, fleksible el-systemer og vindkraft
Nielsen, L. H., Morthorst, P. E., Jørgensen, K., Meibom, P., Andersen, N. J., Larsen, E., Horstmann, J., Ravn, H. V.,
Anderson, A., Nørgaard, P. H., Hansen, A. B., Pedersen, J., Abildgaard, H. & Hansen, L.
17/01/2008 → 31/12/2011
Project

Mesoscale and microscale modelling in China (CMA component)
Hansen, J. C., Mortensen, N. G., Badger, J., Larsén, X. G., Rathmann, O. S., Nielsen, M., Hummelshøj, P. & Enevoldsen,
K.
01/12/2007 → 31/07/2010
Project

Development of wind energy technologies in Nepal on the basis of natural materials
Mishnaevsky, L.
01/11/2007 → 31/08/2011
Project

Agentbaserede styringsstrukturer i elsystemer med betydelig decentral produktion : PSO-projekt
Lind, M., Nielsen, A. H., Saleem, A., Bindner, H. W., Andreasen, J. & Nielsen, L. B.
01/03/2007 → 31/03/2010
Project

VirtualGalathea3 e-learning (vg3.dk og galathea3.dk)
Hasager, C. B.
01/01/2007 → 31/12/2015
Project

Advanced Load Alleviation for Wind Turbines using Adaptive Trailing Edge Geometry : Sensoring and control
Buhl, T.
01/06/2006 → 30/06/2009
Project

Satellite Eye for Galathea 3
Hasager, C. B., Badger, M. & Karagali, I.
01/03/2006 → 28/02/2009
Project
12 MW wind turbines: the scientific basis for their operational 70 to 270 m height offshore
Hasager, C. B., Peña, A., Mikkelsen, T. K., Courtney, M., Antoniou, I. & Gryning, S.
01/10/2005 → 31/03/2009
Project

Power Fluctuations from Large Offshore Wind Farms
Serensen, P. E., Cutululis, N. A., Madsen, H. & Pinson, P.
01/10/2004 → 30/09/2008
Project

SAT-WIND: Winds from satellites for offshore and coastal wind energy mapping and wind-indexing
Hasager, C. B.
01/04/2004 → 30/09/2006
Project

Adaptiv vingegeometri til reduktion af vindmøllelaster
Buhl, T.
01/10/2003 → 30/09/2005
Project

SAR-WAKE: Offshore wake effect study from Earth Observation Synthetic Aperture Radar
Hasager, C. B.
01/02/2003 → 01/04/2006
Project

EO-WINDFARM: Design and integration of an EO-based mapping service based on end-user demands for geo-information when planning, constructing and operating wind farms.
Hasager, C. B.
01/01/2003 → 31/12/2006
Project

Grid-connected Wind Farm Extension Project in Cape Verde
Hansen, J. C. & Mortensen, N. G.
31/03/2001 → 30/11/2002
Project

EO-FLUX-BUDGET: Earth Observation data for upscaling carbon FLUX and water BUDGET at Zealand
Hasager, C. B.
01/01/2001 → 01/01/2004
Project

WAsP-Engineering (WEng) Courses
01/01/2001 → 31/12/2017
Project

EU WATERMED: WATer use Efficiency in natural vegetation and agricultural areas by Remote sensing in the MEDiterranean basin
Hasager, C. B.
01/01/2000 → 31/12/2002
Project

EU-WEMSAR: Wind Energy Mapping using Synthetic Aperture Radar
Hasager, C. B.
01/01/2000 → 31/12/2002
Project
Konvertering af danske vinddata til “Database on Wind Characteristics”
Hansen, K. S.
01/01/2000 → 31/12/2001

SAT-MAP-CLIMATE: SATellite based bio-geophysical parameter MAPping and aggregation modelling for CLIMATE models
Hasager, C. B.
01/01/1999 → 01/01/2001

Wind Atlas for Egypt
Hansen, J. C. & Mortensen, N. G.
01/01/1997 → 31/12/2006

RS-model: Remote Sensing based Crop Simulation and Soil-Vegetation-Atmosphere-Transport modelling RS-MODEL (and continuation)
Hasager, C. B.
01/01/1996 → 31/12/2005

WAsP courses and certification
Mortensen, N. G., Rathmann, O. S., Nielsen, M., Kelly, M. C., Gryning, S., Troen, I., Lundtang Petersen, E., Peña, A., Hansen, B. O. & Larsen, S. E.
01/01/1991 → 31/12/2017

WAsP development and support
Hansen, B. O., Mortensen, N. G., Rathmann, O. S., Troen, I., Kelly, M. C., Nielsen, M., Lundtang Petersen, E. & Bechmann, A.
23/07/1987 → 31/12/2017

Activities:

Advanced meteorological modelling cross scales
Larsen, X. G. (Main supervisor)
2017 → 2020
Activity: Examinations and supervision › Supervisor activities

Advances In Science and Research (Journal)
Volker, P. (Reviewer)
2017 → ...
Activity: Research › Peer review of manuscripts

Atmospheric Science Letters (Journal)
Gryning, S. (Reviewer)
2017 → ...
Activity: Research › Peer review of manuscripts

Boundary-Layer Meteorology (Journal)
Badger, J. (Reviewer)
2017
Activity: Research › Peer review of manuscripts

**Boundary-Layer Meteorology (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**Boundary-Layer Meteorology (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**Boundary-Layer Meteorology (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**Climate Dynamics (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**EGU General Assembly 2017**
Sempreviva, A. M. (Organizer)
2017 → …
Activity: Attending an event › Participating in or organising a conference

**Energies (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**Energy for Sustainable Development (Journal)**
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

**Energy Procedia (Journal)**
Sempreviva, A. M. (Peer reviewer)
2017
Activity: Research › Journal editor

**Environmental Research Letters (Journal)**
Hahmann, A. N. (Reviewer)
2017
Activity: Research › Peer review of manuscripts

**Environmental Research Letters (Journal)**
Hahmann, A. N. (Reviewer)
2017
Activity: Research › Peer review of manuscripts

**Examination of wave effect in the Wind-Wave-Wake coupled modeling for offshore wind farm**
Larsen, X. G. (Main supervisor)
2017 → 2019
Activity: Examinations and supervision › Supervisor activities
*Impact of the sea breeze on the vertical wind profile in coastal areas: Comparison between a Mediterranean and a North Sea site*
Sempreviva, A. M. (Guest lecturer)
2017
Activity: Talks and presentations › Conference presentations

International Conference on Future Technologies for Wind Energy WindTech 2017 24-26 Oct. 2017
Sempreviva, A. M. (Panel member)
2017
Activity: Attending an event › Participating in or organising a conference

Journal of King Saud University - Science (Journal)
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

Journal of the Air and Waist Management Association (Journal)
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

Journal of the Atmospheric Sciences (Journal)
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

Journal of Wind Engineering & Industrial Aerodynamics (Journal)
Larsén, X. G. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

MARINET2. A European network of marine renewables infrastructures
Sempreviva, A. M. (Speaker)
2017
Activity: Talks and presentations › Conference presentations

Meteorological Applications (Journal)
Badger, J. (Reviewer)
2017
Activity: Research › Peer review of manuscripts

Meteorology and Atmospheric Physics (Journal)
Gryning, S. (Reviewer)
2017 → …
Activity: Research › Peer review of manuscripts

Modeling rough weather over the North Sea - using COAWST for offshore wind energy applications
Larsén, X. G. (Main supervisor)
2017 → …
Activity: Examinations and supervision › Supervisor activities
Monthly Weather Review (Journal)  
Hahmann, A. N. (Reviewer)  
2017  
Activity: Research › Peer review of manuscripts

Nature Energy (Journal)  
Badger, J. (Reviewer)  
2017  
Activity: Research › Peer review of manuscripts

Remote Sensing (Journal)  
Gryning, S. (Reviewer)  
2017 → …  
Activity: Research › Peer review of manuscripts

Remote Sensing (Journal)  
Gryning, S. (Reviewer)  
2017 → …  
Activity: Research › Peer review of manuscripts

Remote Sensing (Journal)  
Gryning, S. (Reviewer)  
2017 → …  
Activity: Research › Peer review of manuscripts

Royal Meteorological Society. Quarterly Journal (Journal)  
Gryning, S. (Reviewer)  
2017 → …  
Activity: Research › Peer review of manuscripts

Wind energy open data web portal: Metadata and Taxonomy for data search  
Semptrevina, A. M. (Keynote speaker)  
2017  
Activity: Talks and presentations › Conference presentations

Wind Energy Science Discussions (Journal)  
Sogachev, A. (Reviewer)  
2017  
Activity: Research › Peer review of manuscripts

Multidisciplinary Design Optimization with HAWTOpt2  
McWilliam, M. (Invited speaker), Zahle, F. (Other)  
15 Dec 2017  
Activity: Talks and presentations › Conference presentations

Coastal Effects on Offshore Wind Calculation  
Larsén, X. G. (Keynote speaker)  
14 Dec 2017  
Activity: Talks and presentations › Conference presentations

Mapping offshore winds in the New European Wind Atlas  
Karagali, I. (Guest lecturer), Hahmann, A. N. (Guest lecturer), Badger, M. (Guest lecturer), Hasager, C. B. (Guest lecturer), Mann, J. (Guest lecturer)  
12 Dec 2017  
Activity: Talks and presentations › Conference presentations
The Østerild Balconies Experiment
Karagali, I. (Guest lecturer), Mann, J. (Guest lecturer), Dellwik, E. (Guest lecturer), Lea, G. (Guest lecturer), Simon, E. (Guest lecturer), Vasiljevic, N. (Guest lecturer)
12 Dec 2017
Activity: Talks and presentations › Conference presentations

See continuing education as disruption
Badger, M. (Speaker)
7 Dec 2017
Activity: Talks and presentations › Conference presentations

Wind Energy Master - a new online programme
Badger, M. (Speaker)
4 Dec 2017
Activity: Talks and presentations › Conference presentations

WIND ENERGY DENMARK 2017
Badger, J. (Chairman)
2 Dec 2017
Activity: Attending an event › Participating in or organising a conference

Lightweight rotor design for 10-20 MW Wind turbines
Rasmussen, F. (Lecturer)
30 Nov 2017
Activity: Talks and presentations › Conference presentations

Power curve measurement using 퐕∞ estimates from nacelle lidars and its uncertainty
Borraccino, A. (Guest lecturer)
30 Nov 2017
Activity: Talks and presentations › Conference presentations

E-learning: Wind Energy Master
Badger, M. (Other), Clausen, N. (Speaker)
29 Nov 2017
Activity: Talks and presentations › Conference presentations

Kuren mod klimaproblemet - Et bud på løsningen fra et teknisk-videnskabeligt vindenergi-synspunkt
Gaunaa, M. (Guest lecturer)
29 Nov 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Building wind energy taxonomy for FAIR data: how to organize and find web distributed data
Sempreviva, A. M. (Guest lecturer)
28 Nov 2017
Activity: Talks and presentations › Conference presentations

Online teaching and MOOCs
Badger, M. (Guest lecturer)
28 Nov 2017
Activity: Talks and presentations › Conference presentations

The Poul la Cour Tunnel: A new aerodynamic and aeroacoustic wind tunnel dedicated to wind energy
Bak, C. (Other), Fischer, A. (Other), Mikkelsen, R. F. (Other), Olsen, A. S. (Other), Gaunaa, M. (Other), Fernandez Grande, E. (Other), Krzypinski, W. R. (Other)
28 Nov 2017 → 30 Nov 2017
Mesh Dependence on Shear Driven Boundary Layers in Stable Stratification Generated by Large Eddy-Simulation
Berg, J. (Guest lecturer)
21 Nov 2017

Performance and Equivalent Loads of Wind Turbines in Large Wind Farms
Andersen, S. J. (Speaker)
20 Nov 2017

Wind Energy in Denmark & Introduction to DTU Wind Energy
Larsen, X. G. (Invited speaker)
15 Nov 2017

Interpreting wind energy resource visualisations for South Africa
Hahmann, A. N. (Speaker), Mortensen, N. G. (Other), Hansen, J. C. (Other)
14 Nov 2017

Specimen design and instrumentation for monitoring fatigue crack growth initiating at ply drops
Goutianos, S. (Speaker), Di Crescenzo, L. (Speaker), McGugan, M. (Speaker), Sørensen, B. F. (Speaker)
8 Nov 2017 → 9 Nov 2017

Structural degradation of a large composite wind turbine blade in a full-scale fatigue test
Chen, X. (Speaker)
8 Nov 2017

Large-scale wake effects of wind turbines
Volker, P. (Participant)
7 Nov 2017

Journal of Geophysical Research - Part C - Ocean (Journal)
Karagali, I. (Reviewer)
2 Nov 2017

Environmental Research Letters (Journal)
Volker, P. (Reviewer)
1 Nov 2017 → 31 Dec 2017

Remote Sensing of Environment (Journal)
Karagali, I. (Reviewer)
1 Nov 2017
European Commission (External organisation)
Hahmann, A. N. (Participant)
Oct 2017 → Nov 2017
Activity: Membership › Membership in review committee

Journal of Applied Meteorology and Climatology (Journal)
Kelly, M. C. (Reviewer)
Oct 2017 → …
Activity: Research › Peer review of manuscripts

E-learning: Wind Energy Master
Badger, M. (Invited speaker), Madsen, N. J. (Invited speaker)
30 Oct 2017
Activity: Talks and presentations › Conference presentations

PhD censor
Badger, J. (External examiner)
25 Oct 2017
Activity: Examinations and supervision › External examination

Satellite SAR measurements for offshore wind farm development
Ahsbahs, T. T. (Guest lecturer), Badger, M. (Guest lecturer), Hasager, C. B. (Guest lecturer), Hansen, K. S. (Guest lecturer), Volker, P. (Guest lecturer)
24 Oct 2017 → 26 Oct 2017
Activity: Talks and presentations › Conference presentations

Wind field re-construction of 3D Wake measurements from a turbine-installed scanning lidar
Mikkelsen, T. K. (Guest lecturer)
24 Oct 2017 → 26 Oct 2017
Activity: Talks and presentations › Conference presentations

Institute of Engineering Thermophysics Chinese Academy of Sciences
Larsén, X. G. (Visiting lecturer)
19 Oct 2017
Activity: Visiting an external institution › Visiting another research institution

Modeling wind conditions for offshore wind farms: implications of layout for wind resource, design conditions and integration
Larsén, X. G. (Invited speaker)
19 Oct 2017
Activity: Talks and presentations › Conference presentations

Wind farm design in complex terrain - the FarmOpt methodology
Feng, J. (Invited speaker), Shen, W. Z. (Other)
18 Oct 2017
Activity: Talks and presentations › Conference presentations

Chinese Meteorological Administration
Larsén, X. G. (Visiting researcher)
13 Oct 2017
Activity: Visiting an external institution › Visiting another research institution

Modeling wind conditions for offshore wind farms: implications of layout for wind resource, design conditions and integration
Larsén, X. G. (Guest lecturer)
13 Oct 2017
Activity: Talks and presentations › Conference presentations

Pitch me
Bak, C. (Panel member)
10 Oct 2017 → 11 Oct 2017
Activity: Talks and presentations › Conference presentations

WIND ENERGY DENMARK 2017
Rasmussen, F. (Organizer)
3 Oct 2017
Activity: Attending an event › Participating in or organising a conference

Extreme variance vs. turbulence: What can the IEC cover?
Hannesdóttir, Á. (Speaker), Kelly, M. C. (Other), Dimitrov, N. K. (Other)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

Global Wind Atlas 2.0: Aiming for best value out of high resolution
Badger, J. (Speaker)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

Global Wind Atlas 2.0: Aiming for best value out of high resolution global datasets
Badger, J. (Guest lecturer)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

Optimization of jacket design for large wind turbines
Stolpe, M. (Invited speaker)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

The New European Wind Atlas: Exploring new methods for user access and analysis
Badger, J. (Guest lecturer)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

The Poul la Cour Tunnel & the DTU Research Turbine
Bak, C. (Guest lecturer)
2 Oct 2017
Activity: Talks and presentations › Conference presentations

WIND ENERGY DENMARK 2017
Stolpe, M. (Participant)
2 Oct 2017 → 3 Oct 2017
Activity: Attending an event › Participating in or organising a conference

Leonardo Aquino
Hahmann, A. N. (Host)
Sep 2017 → Dec 2017
Activity: Hosting a guest lecturer

Theoretical and Applied Climatology (Journal)
Kelly, M. C. (Reviewer)
Sep 2017 → …
**IEA Wind Task 32 workshop**
Borraccino, A. (Guest lecturer), Wagner, R. (Other), David Schlipf (Other), Nicolai Gayle Nygaard (Other)
27 Sep 2017

**Lidar Measurement for more Accurate Measurements and Higher Energy Yield**
Mikkelsen, T. K. (Invited speaker)
27 Sep 2017

**Land surface parametrizations for CFD models and WASP in complex forested terrain**
Dellwik, E. (Invited speaker)
26 Sep 2017

**Vindenergi (Wind energy)**
Clausen, N. (Guest lecturer)
26 Sep 2017

**Remote Sensing of Environment (Journal)**
Karagali, I. (Reviewer)
21 Sep 2017

**13th EAWE PhD seminar on Wind Energy in Europe**
Simon, E. (Organizer)
19 Sep 2017 → 22 Sep 2017

**IEC 61400-15 meeting/workshop 12 (Event)**
Kelly, M. C. (Member)
19 Sep 2017 → 22 Sep 2017

**Gert-Jan Steeneveld**
Badger, J. (Host)
18 Sep 2017 → 13 Oct 2017

**Journal of Renewable and Sustainable Energy (Journal)**
Rathmann, O. S. (Reviewer)
18 Sep 2017 → 14 Nov 2017

**4th Biannual System Engineering Workshop**
McWilliam, M. (Chairman), Zahle, F. (Chairman), Katherine Dykes (Chairman)
13 Sep 2017 → 15 Sep 2017

Blind Results for The Aerodynamic Wind Turbine Design Optimization Case Study for the IEA Task 37 on Wind Energy Systems Engineering
McWilliam, M. (Invited speaker), Zahle, F. (Other), Katherine Dykes (Other)
13 Sep 2017
Activity: Talks and presentations › Conference presentations

Higher Fidelity Analysis in Wind Turbine Multi-disciplinary Design Optimization
McWilliam, M. (Invited speaker)
13 Sep 2017
Activity: Talks and presentations › Conference presentations

J A S A Express Letters (Journal)
Lylloff, O. A. (Reviewer)
10 Sep 2017
Activity: Research › Peer review of manuscripts

EMS Annual Meeting: European Conference for Applied Meteorology and Climatology 2017
Gryning, S. (Chairman)
7 Sep 2017
Activity: Attending an event › Participating in or organising a conference

European Meteorological Society (External organisation)
Gryning, S. (Member)
7 Sep 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

EMS Annual Meeting: European Conference for Applied Meteorology and Climatology 2017 (Event)
Gryning, S. (Chairman)
6 Sep 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

An emerging European Doppler lidar network for meteorological applications
Ewan J. O'Connor (Speaker), Anne Hirsikko (Other), Christos Halios (Other), Gryning, S. (Other), Ronny Leinweber (Other), Antti Manninen (Other), Tobias Marke (Other), Nina Petersen (Other), Jana Preiessler (Other), Eileen Päschke (Other), Umar Saeed (Other), Jan Sween (Other), Yang Shu (Other), Irene Suomi (Other), Minttu Tuononen (Other), Ville Vakkari (Other), Ludovic Thobois (Other), Guy Pearson (Other), Alain Dabas (Other), Johannes Buehl (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations

Doppler lidar horizontal wind retrievals from a meteorological perspective
Ewan O'Connor (Speaker), Anne Hirsikko (Other), Christos Halios (Other), Gryning, S. (Other), Ronny Leinweber (Other), Antti Manninen (Other), Tobias Marke (Other), Gudrún Nina Petersen (Other), Jana Preiessler (Other), Eileen Päschke (Other), Umar Saeed (Other), jan schween (Other), Yang Shu (Other), Irene Suomi (Other), Minttu Tuononen (Other), Ville Vakkari (Other), Ludovic Thobois (Panel member), Guy Pearson (Other), Alain Dabas (Other), Johannes Buehl (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations

European Meteorological Society (External organisation)
Gryning, S. (Member)
4 Sep 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Marina wind profiles measured by a wind lidar - ability of WRF to predict marine wind profiles
Ekaterina Batchvarova (Speaker), Gryning, S. (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations
New methodologies to observe wind gusts: research aircraft and Doppler lidar measurements
Irene Suomi (Speaker), Timo Vihma (Other), Gryning, S. (Other), Christof Lüpkes (Other), Jörg Hartmann (Other), Ewan O'Connor (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations

Performance of four PBL schemes in WRF at Villum Research Station, Station Nord, Greenland
Hristina Kirova (Other), Ekaterina Batchvarova (Speaker), Gryning, S. (Other), Henrik Skov (Other), Lise-Lotte Sørensen (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations

Ramp events in the marine boundary-layer investigated by a wind lidar
Gryning, S. (Speaker), Ekaterina Batchvarova (Other)
4 Sep 2017 → 8 Sep 2017
Activity: Talks and presentations › Conference presentations

Geoscientific Model Development (Journal)
Volker, P. (Reviewer)
1 Sep 2017 → 1 Dec 2017
Activity: Research › Peer review of manuscripts

Test of universality of roughness length and displacement height formulations regarding stability
Sogachev, A. (Speaker), Kelly, M. C. (Other)
30 Aug 2017
Activity: Talks and presentations › Conference presentations

Ekaterina Batchvarova
Gryning, S. (Host)
8 Aug 2017 → 16 Aug 2017
Activity: Hosting a guest lecturer

Energies (Journal)
Volker, P. (Reviewer)
1 Aug 2017 → 1 Sep 2017
Activity: Research › Peer review of manuscripts

Journal of Fluid Mechanics (Journal)
Kelly, M. C. (Reviewer)
Jul 2017 → Nov 2017
Activity: Research › Peer review of manuscripts

Accuracy of coastal wind speed gradients from Synthetic Aperture Radar by comparisons with scanning lidars
Ahsbahs, T. T. (Speaker), Badger, M. (Speaker), Karagali, I. (Speaker), Larsén, X. G. (Speaker)
26 Jul 2017 → 29 Jul 2017
Activity: Talks and presentations › Conference presentations

WAsP-ForestGALES: a merged tool for improved forest wind damage prediction
Dellwik, E. (Guest lecturer), Ducan Heathfield (Guest lecturer), Barry Gardiner (Guest lecturer)
19 Jul 2017
Activity: Talks and presentations › Conference presentations

Initial results from the Single Tree Experiment
Dellwik, E. (Guest lecturer), Mann, J. (Guest lecturer), Angelou, N. (Guest lecturer), Sogachev, A. (Guest lecturer), Troldborg, N. (Guest lecturer), Barry Gardiner (Guest lecturer), Timothy Newson (Guest lecturer), Horia Hangan (Guest lecturer)
17 Jul 2017
Activity: Talks and presentations › Conference presentations

**Initial results from the Single-Tree Experiment**
Dellwik, E. (Speaker), Mann, J. (Other), Angelou, N. (Other), Sogachev, A. (Other), Troldborg, N. (Other), Barry Gardiner (Other), Timothy Newson (Other), Horia Hangan (Guest lecturer)
17 Jul 2017
Activity: Talks and presentations › Conference presentations

**Long-term measurements of the dynamic wind loads on an open-grown oak tree**
Angelou, N. (Guest lecturer), Mann, J. (Guest lecturer), Dellwik, E. (Guest lecturer)
17 Jul 2017
Activity: Talks and presentations › Conference presentations

**Summary of oral and poster presentations**
Gryning, S. (Speaker)
29 Jun 2017
Activity: Talks and presentations › Conference presentations

**Wind Energy (Journal)**
Karagali, I. (Reviewer)
29 Jun 2017
Activity: Research › Peer review of manuscripts

**WRF model evaluation based on wind lidar measurements**
Gryning, S. (Speaker), Batchvarova, E. (Other)
29 Jun 2017
Activity: Talks and presentations › Conference presentations

**An Engineering 2D Vortex-based Model for VAWT Aerodynamics**
Gaunaa, M. (Guest lecturer)
28 Jun 2017
Activity: Talks and presentations › Conference presentations

**Improved Roughness Model for 2D Viscous-Inviscid Panel Methods**
Olsen, A. S. (Speaker), Ramos Garcia, N. (Other), Christian Bak (Other), Gaunaa, M. (Other)
28 Jun 2017
Activity: Talks and presentations › Conference presentations

**Journal of Geophysical Research - Part C - Ocean (Journal)**
Karagali, I. (Reviewer)
28 Jun 2017
Activity: Research › Peer review of manuscripts

**The Østerild Balconies Experiment**
Karagali, I. (Speaker), Dellwik, E. (Other), Lea, G. (Other), Simon, E. (Other), Vasiljevic, N. (Other), Mann, J. (Other)
28 Jun 2017
Activity: Talks and presentations › Conference presentations

**CFD prediction of airfoil deep stall performance using Improved Delayed Detached Eddy Simulations**
Serensen, N. N. (Guest lecturer)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

**Chairing session on Forecasting for power-system applications - wind models**
Gryning, S. (Speaker)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

Inflow conditions and wake effects for wind turbines in forested terrain
Dellwik, E. (Invited speaker), Alkistis Papetta (Other), Johan Arnqvist (Other), Nielsen, M. (Other), Larsen, T. J. (Other)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

Interaction between turbine wakes and complex terrain in large-eddy simulations
Berg, J. (Guest lecturer)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

International Conference on Energy & Meteorology (Event)
Gryning, S. (Participant)
27 Jun 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Predicting free-stream wind speed in complex terrain with lidar measurements
Meyer Forsting, A. R. (Speaker)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

TOPFARM: framework for coupling models to address wind farm optimization challenges
Verelst, D. R. (Speaker), Zahle, F. (Other), Réthoré, P. (Other), Rinker, J. (Other)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

Turbulence Estimation from a Continuous-Wave Scanning Lidar (SpinnerLidar)
Mikkelsen, T. K. (Guest lecturer)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

An Advanced Blade Modelling Approach
Haselbach, P. U. (Other), Branner, K. (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Analysis of extreme wind events at Høvsøre and the effect on wind turbine loads
Hannesdóttir, Á. (Speaker), Kelly, M. C. (Other), Mann, J. (Other), Natarajan, A. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Bigger is better! Is it really?
Hahmann, A. N. (Speaker)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Large scale wind farm wakes and a wind-wave-wake coupled mesoscale modeling system
Volker, P. (Guest lecturer), Badger, J. (Guest lecturer), Larsén, X. G. (Guest lecturer), Du, J. (Guest lecturer), Sørensen, P. E. (Guest lecturer), Nissen, J. N. (Guest lecturer)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Large scale wind farm wakes and a wind-wave-wake coupled mesoscale modeling system
Volker, P. (Speaker), Badger, J. (Guest lecturer), Larsén, X. G. (Guest lecturer), Du, J. (Guest lecturer), Nissen, J. N. (Guest lecturer), Sørensen, P. E. (Guest lecturer)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Modelling of high cycle fatigue of coated high strength steel bolts
Haselbach, P. U. (Other), Eder, M. A. (Other), Mishin, O. (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Offshore winds from a new generation of European satellites
Badger, M. (Speaker), Karagali, I. (Other), Ahsbahs, T. T. (Other), Hasager, C. B. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Optimal wind turbine aeroelastic rotor design with active flaps
McWilliam, M. (Speaker), Barlas, A. (Other), Aagaard Madsen, H. (Other), Zahle, F. (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Parameter Uncertainty Reduction of the Re-calibrated Larsen Wake Model
Göçmen, T. (Speaker), Giebel, G. (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Power curve measurement using $V_\infty$ estimates from nacelle lidars and its uncertainty
Borraccino, A. (Speaker)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Preliminary Results for The Aerodynamic Wind Turbine Design Optimization Case Study for the IEA Task 37 on Wind Energy Systems Engineering
McWilliam, M. (Speaker), Zahle, F. (Other), Katherine Dykes (Other)
26 Jun 2017 → 29 Jun 2017
Activity: Talks and presentations › Conference presentations

Test possibilities in the Poul la Cour Tunnel
Bak, C. (Speaker), Fischer, A. (Other), Mikkelsen, R. F. (Other), Olsen, A. S. (Other), Gaunaa, M. (Other), Skrzypinski, W. R. (Other), Fernandez Grande, E. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

The wind speed signature of varying sea surface temperature in the mesoscale model WRF
Karagali, I. (Speaker), Hahmann, A. N. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Wind Energy Science Conference 2017
McWilliam, M. (Organizer)
26 Jun 2017 → 29 Jun 2017
Activity: Attending an event › Participating in or organising a conference

A Probabilistic Approach to CFD Model Validation with Field Measurements in Wind Energy
Meyer Forsting, A. R. (Speaker)
20 Jun 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations
Ocean & Coastal Management (Journal)
Nielsen, M. (Reviewer)
16 Jun 2017 → 6 Jul 2017
Activity: Research › Peer review of manuscripts

SAR for Wind Energy
Badger, M. (Lecturer), Hasager, C. B. (Other), Karagali, I. (Other), Ahsbahs, T. T. (Guest lecturer), Larsén, X. G. (Other), Peña, A. (Other), Hahmann, A. N. (Other), Volk, P. (Other), Di Bella, A. (Other)
16 Jun 2017
Activity: Talks and presentations › Conference presentations

A Probabilistic Approach to CFD Validation with Field Measurements in Wind Energy
Meyer Forsting, A. R. (Speaker)
15 Jun 2017
Activity: Talks and presentations › Conference presentations

IEC 61400-15 meeting/workshop 11 (Event)
Kelly, M. C. (Member)
12 Jun 2017 → 16 Jun 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD Summer School: Remote Sensing for Wind Energy
Badger, M. (Organizer)
12 Jun 2017 → 16 Jun 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

12th World Congress of Structural and Multidisciplinary Optimisation
Sandal, K. (Participant), Rojas Labanda, S. (Participant), Stolpe, M. (Participant)
7 Jun 2017
Activity: Attending an event › Participating in or organising a conference

12th World Congress of Structural and Multidisciplinary Optimisation
Abrahamsen, A. B. (Participant), Stolpe, M. (Participant)
7 Jun 2017
Activity: Attending an event › Participating in or organising a conference

Coastal extreme winds and waves from COAWST-WBLM modelling system
Badger, J. (Speaker), Larsén, X. G. (Other), Du, J. (Other), Hahmann, A. N. (Other), Jacob T. Sørensen (Other), Volk, P. (Other), Imberger, M. (Other), Rodolfo Bolanos (Other), Kelly, M. C. (Other), Badger, M. (Other), Henrik Kofoed-Hansen (Other), Karagali, I. (Other), Larsen, S. E. (Other), Ole Svenstrup Petersen (Other)
7 Jun 2017
Activity: Talks and presentations › Conference presentations

Mapping offshore winds in the New European Wind Atlas (NEWA)
Karagali, I. (Invited speaker), Hasager, C. B. (Other), Badger, M. (Other), Hahmann, A. N. (Other), Volk, P. (Other), Peña, A. (Guest lecturer), Julia Gottschall (Other), Eleonora Catalano (Other), Mann, J. (Other)
7 Jun 2017
Activity: Talks and presentations › Conference presentations

Optimal design of a galvanic corrosion protection systems for offshore wind turbine support structures
Sarhadi, A. (Speaker)
7 Jun 2017
Activity: Talks and presentations › Conference presentations

Sizing optimization of an offshore wind turbine jacket under dynamic loads considering stress and eigenfrequency constraints
Verbart, A. (Speaker), Sandal, K. (Other), Rojas Labanda, S. (Other), Stolpe, M. (Other)
Near-shore wind resource estimation using lidar measurements and modelling
Floors, R. R. (Guest lecturer), Hahmann, A. N. (Guest lecturer), Peña, A. (Guest lecturer)
6 Jun 2017 → 8 Jun 2017
Activity: Talks and presentations › Conference presentations

12th World Congress of Structural and Multidisciplinary Optimisation
Stolpe, M. (Participant), Rojas Labanda, S. (Participant), Blasques, J. P. A. A. (Participant)
5 Jun 2017
Activity: Attending an event › Participating in or organising a conference

3D structural topology optimization of wind turbine blades with stiffness and frequency constraints
Carstensen, C. (Speaker)
5 Jun 2017
Activity: Talks and presentations › Conference presentations

Comparison of fatigue constraints in optimal design of jacket structures for offshore wind turbines
Sandal, K. (Speaker)
5 Jun 2017 → 9 Jun 2017
Activity: Talks and presentations › Conference presentations

Optimal modular design of jacket structures for offshore wind turbines
Stolpe, M. (Speaker), Sandal, K. (Speaker)
5 Jun 2017 → 9 Jun 2017
Activity: Talks and presentations › Conference presentations

Large-Eddy Simulation of turbine wake in complex terrain
Berg, J. (Guest lecturer)
1 Jun 2017
Activity: Talks and presentations › Conference presentations

Wind farm efficiency assessed by WRF with a statistical-dynamical approach
Volker, P. (Speaker), Badger, J. (Speaker), Hahmann, A. N. (Speaker), Ejsing Jørgensen, H. (Speaker)
1 Jun 2017
Activity: Talks and presentations › Conference presentations

Efficiency of large wind farms: investigation of dependency on turbine technology and cluster layout
Volker, P. (Guest lecturer), Badger, J. (Guest lecturer), Hahmann, A. N. (Guest lecturer), Ejsing Jørgensen, H. (Guest lecturer)
31 May 2017 → 2 Jun 2017
Activity: Talks and presentations › Conference presentations

Modelling lidar volume-averaging and its effect on wake measurements
Meyer Forsting, A. R. (Speaker)
30 May 2017 → 1 Jun 2017
Activity: Talks and presentations › Conference presentations

Royal Meteorological Society. Quarterly Journal (Journal)
Karagali, I. (Reviewer)
29 May 2017
Activity: Research › Peer review of manuscripts

Optimal modular design of offshore support structures - modelling and methods
Stolpe, M. (Invited speaker)
18 May 2017
Activity: Talks and presentations › Conference presentations

Support Structure Optimization - Science or Art?
Stolpe, M. (Organizer)
18 May 2017 → 19 May 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Journal of Geophysical Research: Atmospheres (Journal)
Karagali, I. (Reviewer)
8 May 2017
Activity: Research › Peer review of manuscripts

Dynamical downscaling of North Sea winds: Reanalysis and ensemble predictions
Hahmann, A. N. (External examiner)
5 May 2017
Activity: Examinations and supervision › External examination

Energies (Journal)
Volker, P. (Reviewer)
1 May 2017 → 1 Aug 2017
Activity: Research › Peer review of manuscripts

Monthly Weather Review (Journal)
Volker, P. (Reviewer)
1 May 2017 → 1 Dec 2017
Activity: Research › Peer review of manuscripts

Passive/active load alleviation
Rasmussen, F. (Lecturer)
27 Apr 2017
Activity: Talks and presentations › Conference presentations

Remote Sensing of Environment (Journal)
Karagali, I. (Reviewer)
24 Apr 2017
Activity: Research › Peer review of manuscripts

Impact of interfaces for wind and wave modeling -via coupled atmospheric & ocean wave models, with SAR and mast measurements
Larsén, X. G. (Guest lecturer)
21 Apr 2017
Activity: Talks and presentations › Conference presentations

Exploring the perspectives in aeroelastic tailoring of blades
Rasmussen, F. (Invited speaker)
6 Apr 2017  
Activity: Talks and presentations › Conference presentations

**Wake Conference 2017 (Event)**  
Kelly, M. C. (Reviewer)  
Mar 2017 → Apr 2017  
Activity: Research › Peer review of manuscripts

**Extreme winds**  
Badger, M. (Invited speaker), Larsén, X. G. (Other), Du, J. (Other), Hasager, C. B. (Other), Nina Svensson (Other)  
30 Mar 2017  
Activity: Talks and presentations › Conference presentations

**SCIENCE OF MAKING TORQUE FROM WIND (Journal)**  
Karagali, I. (Reviewer)  
30 Mar 2017  
Activity: Research › Peer review of manuscripts

**Remote Sensing (Journal)**  
Karagali, I. (Reviewer)  
29 Mar 2017  
Activity: Research › Peer review of manuscripts

**Seeing the wind with Lidar-based WindScanners (Lidar-based wind turbine control & wind resource assessment)**  
Sjöholm, M. (Invited speaker)  
23 Mar 2017  
Activity: Talks and presentations › Conference presentations

**Mesoscale Modelling of Wind Farm Wakes: Implications for large-scale planning**  
Badger, J. (Guest lecturer), Volker, P. (Other), Hahmann, A. N. (Other), Ejsing Jørgensen, H. (Other)  
17 Mar 2017  
Activity: Talks and presentations › Conference presentations

**Wind resource error estimation from mesoscale modeling for the Wind Atlas for South Africa**  
Hahmann, A. N. (Guest lecturer), Mortensen, N. G. (Guest lecturer), Volker, P. (Guest lecturer)  
17 Mar 2017  
Activity: Talks and presentations › Conference presentations

**Towards a New European Wind Atlas: WRF Sensitivity Experiments and the Mesoscale-to-Microscale Model Chain**  
Hahmann, A. N. (Guest lecturer), Peña, A. (Guest lecturer), Floors, R. R. (Guest lecturer), Larsén, X. G. (Guest lecturer)  
16 Mar 2017  
Activity: Talks and presentations › Conference presentations

**Copernicus Training and Information Session in Denmark, Aarhus, 9 Mar 2017**  
Badger, M. (Participant)  
9 Mar 2017  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**SCIENCE OF MAKING TORQUE FROM WIND (Journal)**  
Karagali, I. (Reviewer)  
3 Mar 2017  
Activity: Research › Peer review of manuscripts

**Investigation of the flow in a rain erosion tester**  
Bak, C. (Speaker), Sørensen, N. N. (Other), Olsen, A. S. (Other), Bech, J. I. (Other), Gaunaa, M. (Other), Kusano, Y. (Other)
27 Feb 2017
Activity: Talks and presentations › Conference presentations

**CFD for Atmospheric Flows and Wind Engineering**
Sørensen, N. N. (Guest lecturer)
24 Feb 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**Applied Acoustics (Journal)**
Lylloff, O. A. (Reviewer)
10 Feb 2017
Activity: Research › Peer review of manuscripts

**Applied Micrometeorology: Resource Assessment (Uni.Stuttgart)**
Kelly, M. C. (Guest lecturer)
8 Feb 2017 → 9 Feb 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**Environmental Research Letters (Journal)**
Volker, P. (Reviewer)
1 Feb 2017 → 1 Aug 2017
Activity: Research › Peer review of manuscripts

**American Meteorological Society. Bulletin (Journal)**
Kelly, M. C. (Reviewer)
Jan 2017 → Apr 2017
Activity: Research › Peer review of manuscripts

**3D WindScanner - målinger af vind og turbulens omkring vindmøller, bygninger og broer**
Mikkelsen, T. K. (Invited speaker)
31 Jan 2017
Activity: Talks and presentations › Conference presentations

**31761 Renewables in Electricity Markets**
Simon, E. (Course lecturer)
30 Jan 2017 → 8 May 2017
Activity: Other

**Effect of atmospheric boundary layer top and capping inversion properties on mean wind profiles**
Kelly, M. C. (Main supervisor), Jørgen Højstrup (External examiner), Berg, J. (Supervisor)
30 Jan 2017 → 30 Jun 2017
Activity: Examinations and supervision › Supervisor activities

**From gusts to turbulence: vertical structure**
Kelly, M. C. (Main supervisor), Jørgen Højstrup (External examiner), Joachim Peinke (Supervisor), Hannesdóttir, Á. (Supervisor)
30 Jan 2017 → 21 Jul 2017
Activity: Examinations and supervision › Supervisor activities

**IEC 61400-15 meeting/workshop 10 (Event)**
Kelly, M. C. (Member)
23 Jan 2017 → 26 Jan 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**AMS 97th Annual Meeting**
Simon, E. (Speaker)
22 Jan 2017 → 28 Jan 2017
Activity: Talks and presentations › Conference presentations

AMS Renewable Energy Committee (External organisation)
Simon, E. (Participant)
22 Jan 2017 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Load conditions for wind turbines based on tall-tower observations at forested sites
Dellwik, E. (Main supervisor)
20 Jan 2017 → 30 Jun 2017
Activity: Examinations and supervision › Supervisor activities

Conceptual optimal design of jackets
Sandal, K. (Speaker)
18 Jan 2017 → 20 Jan 2017
Activity: Talks and presentations › Conference presentations

European perspective on wind energy research aimed at reducing the cost of wind energy through advances in wind plant flow physics, modeling and understanding.
Rasmussen, F. (Invited speaker)
10 Jan 2017
Activity: Talks and presentations › Conference presentations

Multi-fidelity optimization of horizontal axis wind turbines
McWilliam, M. (Speaker), Zahle, F. (Other), Pavese, C. (Other)
9 Jan 2017
Activity: Talks and presentations › Conference presentations

Energies (Journal)
Volker, P. (Reviewer)
1 Jan 2017 → 1 Feb 2017
Activity: Research › Peer review of manuscripts

Energies (Journal)
Volker, P. (Reviewer)
1 Jan 2017 → 1 Feb 2017
Activity: Research › Peer review of manuscripts

IEC (International Electrotechnical Commission) (External organisation)
Kelly, M. C. (Member)
1 Jan 2017 → 31 Dec 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Journal of Renewable and Sustainable Energy (Journal)
Volker, P. (Reviewer)
1 Jan 2017 → 1 Feb 2017
Activity: Research › Peer review of manuscripts

Lidar and MCP in wind resource estimations above measurement-mast height
Kelly, M. C. (Main supervisor), G.J.W. van Bussel (External examiner), W.A.A.M. Bierbooms (Supervisor), Clausen, N. (Internal examiner), Ardaan Walvis (Supervisor)
1 Jan 2017 → 1 Aug 2017
Activity: Examinations and supervision › Supervisor activities
13th Deep Sea Offshore Wind R&D Conference
Sandal, K. (Participant)
2016
Activity: Attending an event › Participating in or organising a conference

Design of large composite structures
Haselbach, P. U. (Lecturer)
2016
Activity: Talks and presentations › Conference presentations

EGU General Assembly 2016
Sempreviva, A. M. (Chairman)
2016
Activity: Attending an event › Participating in or organising a conference

Energies (Journal)
Volker, P. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

Energies (Journal)
Volker, P. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

IEC 61400-15 and TC-88 (External organisation)
Kelly, M. C. (Member)
2016 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Measnet Site Assessment Working Group (External organisation)
Mortensen, N. G. (Participant)
2016 → 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD course in Advanced Finite Element Simulations using Abaqus
Haselbach, P. U. (Lecturer)
2016
Activity: Talks and presentations › Conference presentations

PhD representative in DTU Steering Committee for gender equality and diversity (External organisation)
Sandal, K. (Participant)
2016 → 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Royal Meteorological Society. Quarterly Journal (Journal)
Volker, P. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

Sådan kan man regne på husstandsmøller
Bechmann, A. (Invited speaker)
2016
Activity: Talks and presentations › Conference presentations
University of Bergen (External organisation)
Hahmann, A. N. (Chairman)
2016 → 2017
Activity: Membership › Board duties in companies, associations, or public organisations

Wind Energy Denmark 2016
Sandal, K. (Speaker)
2016 → …
Activity: Talks and presentations › Conference presentations

Wind Energy Science (Journal)
Hahmann, A. N. (Reviewer)
2016
Activity: Research › Peer review of manuscripts

Wind Energy Science (Journal)
Volker, P. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

Boundary-Layer Meteorology (Journal)
Kelly, M. C. (Reviewer)
Dec 2016 → …
Activity: Research › Peer review of manuscripts

Wind and atmospheric stability characteristics over the Baltic Sea
Larsén, X. G. (External examiner)
Dec 2016
Activity: Examinations and supervision › External examination

Galathea 3-ekspeditionen fejrer 10 års jubilæum: VirtuelGalathea3 e-learning
Hasager, C. B. (Participant)
14 Dec 2016
Activity: Other

VAWTs for offshore applications
Schmidt Paulsen, U. (Speaker), Siri Magrethe Kalvig (Panel member)
14 Dec 2016
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Compression Fatigue Testing and Damage in UD Glass Fibre Composites
Fraisse, A. (Other), Brøndsted, P. (Speaker)
12 Dec 2016
Activity: Talks and presentations › Conference presentations

COST Action TOPROF Workshop
Gryning, S. (Speaker), Ekaterina Batchvarova (Other)
2 Dec 2016
Activity: Talks and presentations › Conference presentations

COST Action TOPROF Workshop
Gryning, S. (Speaker)
2 Dec 2016
Activity: Talks and presentations › Conference presentations
O-B analysis from ceilometers
Gryning, S. (Speaker)
1 Dec 2016 → 2 Dec 2016
Activity: Talks and presentations › Conference presentations

Wind Energy at Nygårdsfjææet - Norway
Larsen, X. G. (External examiner)
Nov 2016
Activity: Examinations and supervision › External examination

Satellite data used in the New European Wind Atlas
Hasager, C. B. (Lecturer)
29 Nov 2016
Activity: Talks and presentations › Conference presentations

WEng [WAsP-Engineering] course
Kelly, M. C. (Lecturer)
28 Nov 2016 → 30 Nov 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Retrospective aspects of DeepWind (ANFSCD) by Uwe Schmidt Paulsen
Schmidt Paulsen, U. (Keynote speaker)
23 Nov 2016
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

EERA Workshop
Gryning, S. (Speaker)
22 Nov 2016
Activity: Talks and presentations › Conference presentations

SPICE Edition 1 - Presentation, Analysis and Perspectives
Bertagnolio, F. (Invited speaker)
18 Nov 2016
Activity: Talks and presentations › Conference presentations

Wind-wave coupled mesoscale modelling systems for coastal extreme wind and wave conditions
Badger, M. (Speaker)
17 Nov 2016
Activity: Talks and presentations › Conference presentations

Synthetic Aperture Radar for wind energy applications: potential and challenges at high wind speeds
Badger, M. (Speaker)
15 Nov 2016
Activity: Talks and presentations › Conference presentations

Danish coast pilot
Badger, M. (Speaker)
11 Nov 2016
Activity: Talks and presentations › Conference presentations

ON-SHORE SERVICE AND MAINTENANCE
Bak, C. (Invited speaker)
8 Nov 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities
Some experience as an evaluator of Marie Sklodowska-Curie applications
Gryning, S. (Lecturer)
8 Nov 2016
Activity: Talks and presentations › Conference presentations

Approaches to characterize forest structures for wind resource assessment using airborne laser scan data
Dellwik, E. (Main supervisor)
1 Nov 2016 → 30 Jun 2017
Activity: Examinations and supervision › Supervisor activities

European Commission (External organisation)
Hahmann, A. N. (Participant)
Oct 2016 → Nov 2016
Activity: Membership › Membership in review committee

Wind resource error estimation from mesoscale modeling for the Wind Atlas for South Africa
Hahmann, A. N. (Guest lecturer), Volker, P. (Guest lecturer), Hansen, J. C. (Guest lecturer)
31 Oct 2016
Activity: Talks and presentations › Conference presentations

Wind Energy Denmark
Bak, C. (Invited speaker)
27 Oct 2016
Activity: Talks and presentations › Conference presentations

The use of WindScanners in wind energy – Overview and status of WindScanners technology
Mikkelsen, T. K. (Lecturer)
26 Oct 2016
Activity: Talks and presentations › Conference presentations

Wind Energy Denmark
Abrahamsen, A. B. (Organizer)
26 Oct 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Norwegian University of Science and Technology
Sandal, K. (Visiting researcher)
Activity: Visiting an external institution › Visiting another research institution

Blade Inspection Damage and Repair Forum
Bak, C. (Invited speaker)
10 Oct 2016
Activity: Talks and presentations › Conference presentations

International Technical Meeting on Air Pollution Modelling and Its Application
Gryning, S. (Participant)
Activity: Attending an event › Participating in or organising a conference

Wind Europe Summit 2016
Meyer Forsting, A. R. (Participant)
29 Sep 2016
Activity: Attending an event › Participating in or organising a conference
Wind Europe Summit 2016
Badger, M. (Participant)
27 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Wind Europe Summit 2016
Borraccino, A. (Participant)
26 Sep 2016 → 29 Sep 2016
Activity: Attending an event › Participating in or organising a conference

ScanFlowHigh-resolution full-scale wind field measurements of the ECN's 2.5 MW aerodynamic research wind turbine using DTU's 3D WindScanner and SpinnerLidar for IRPWind's and EERA's benchmark
Hasager, C. B. (Lecturer)
19 Sep 2016
Activity: Talks and presentations › Conference presentations

Journal of Geophysical Research - Part C - Ocean (Journal)
Karagali, I. (Reviewer)
16 Sep 2016
Activity: Research › Peer review of manuscripts

The single tree experiment: 16th EMS Annual Meeting & 11th European Conference on Applied Climatology (ECAC)
Dellwik, E. (Lecturer)
16 Sep 2016
Activity: Talks and presentations › Conference presentations

16th EMS Annual Meeting & 11th European Conference on Applied Climatology
Simon, E. (Speaker)
15 Sep 2016
Activity: Talks and presentations › Conference presentations

16th EMS Annual Meeting & 11th European Conference on Applied Climatology
Gryning, S. (Speaker)
15 Sep 2016
Activity: Talks and presentations › Conference presentations

16th EMS Annual Meeting & 11th European Conference on Applied Climatology
Gryning, S. (Chairman)
15 Sep 2016
Activity: Attending an event › Participating in or organising a conference

Assessing the quality of Synthetic Aperture Radar (SAR) wind retrieval in coastal zones using multiple Lidars
Ahsbahs, T. T. (Speaker), Badger, M. (Speaker), Karagali, I. (Speaker), Larsén, X. G. (Speaker)
12 Sep 2016 → 16 Sep 2016
Activity: Talks and presentations › Conference presentations

WRF idealized-roughness response: PBL scheme and resolution dependence
Kelly, M. C. (Speaker)
12 Sep 2016 → 16 Sep 2016
Activity: Talks and presentations › Conference presentations

A review of state-of-the-art in torque generation and control of floating vertical-axis wind turbines
Schmidt Paulsen, U. (Keynote speaker)
7 Sep 2016 → 9 Sep 2016
Activity: Talks and presentations › Conference presentations
Digital Master Programme in Wind Energy: A new initiative for continuing education
Badger, M. (Speaker)
29 Aug 2016
Activity: Talks and presentations › Conference presentations

DHL Global Forwarding seminar
Hasager, C. B. (Organizer)
26 Aug 2016
Activity: Attending an event › Participating in or organising a conference

Assessment of the Wind Power Production Potential in the North Sea
Sørensen, J. N. (Invited speaker)
24 Aug 2016
Activity: Talks and presentations › Conference presentations

24th International Congress of Theoretical and Applied Mechanics
Rojas Labanda, S. (Participant)
Activity: Attending an event › Participating in or organising a conference

DESCOTOLO
Karagali, I. (Consultant), Floors, R. R. (Consultant), Vignaroli, A. (Consultant), Mann, J. (Consultant)
1 Aug 2016 → 22 Dec 2016
Activity: Public and private sector consultancy › Consultancy

Remote Sensing (Journal)
Karagali, I. (Reviewer)
27 Jul 2016
Activity: Research › Peer review of manuscripts

Education and E-learning
Badger, M. (Speaker)
7 Jul 2016
Activity: Talks and presentations › Conference presentations

IEC 61400-15 meeting/workshop 8 (Event)
Kelly, M. C. (Member)
6 Jul 2016 → 10 Jul 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

WEMC / UK Met Office / Europias Workshop on Climate and Energy
Simon, E. (Participant)
4 Jul 2016 → 7 Jul 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SCIENCE OF MAKING TORQUE FROM WIND (Journal)
Karagali, I. (Reviewer)
30 Jun 2016
Activity: Research › Peer review of manuscripts

DanmarksNationaleVindtunnel: Præsentation ved "Første spadestik" 22. juni 2016
Bak, C. (Invited speaker)
22 Jun 2016
Activity: Talks and presentations › Conference presentations
Sizing optimization of frame structures subjected to dynamic stress constraints
Verbart, A. (Speaker), Sandal, K. (Other), Stolpe, M. (Other)
21 Jun 2016
Activity: Talks and presentations › Conference presentations

Stress Constraint Aggregation without Constraint Relaxation in Topology Optimization
Verbart, A. (Speaker), Mathijs Langelaar (Other), Fred van Keulen (Other)
21 Jun 2016
Activity: Talks and presentations › Conference presentations

5th International Conference of Engineering Optimization
Rojas Labanda, S. (Participant)
20 Jun 2016
Activity: Attending an event › Participating in or organising a conference

5th International Conference of Engineering Optimization
Weldeyesus, A. G. (Speaker)
19 Jun 2016 → 23 Jun 2016
Activity: Talks and presentations › Conference presentations

16th EMS Annual Meeting & 11th European Conference on Applied Climatology
Gryning, S. (Organizer)
14 Jun 2016
Activity: Attending an event › Participating in or organising a conference

Rapid upgrading through experimental (self-)disruptive impasse: The case of China’s wind turbine industry
Kirkegaard, J. K. (Invited speaker)
12 Jun 2016
Activity: Talks and presentations › Conference presentations

Using SST for improved mesoscale modelling of the coastal zone
Karagali, I. (Speaker)
10 Jun 2016
Activity: Talks and presentations › Conference presentations

ISARS2016
Gryning, S. (Chairman)
8 Jun 2016
Activity: Attending an event › Participating in or organising a conference

Winning the Wind Back during a Market-Qquake: The Politics of Wind Power Marketization in China
Kirkegaard, J. K. (Lecturer)
8 Jun 2016 → 10 Jun 2016
Activity: Talks and presentations › Conference presentations

ECCOMAS Congress 2016
Meyer Forsting, A. R. (Speaker)
7 Jun 2016
Activity: Talks and presentations › Conference presentations

ISARS2016
Borraccino, A. (Speaker)
7 Jun 2016
Activity: Talks and presentations › Conference presentations
Effect of Carrier to Noise Ratio threshold filtering on the long-term wind speed and Weibull distribution parameters for a pulsed heterodyne wind-lidar
Gryning, S. (Speaker)
6 Jun 2016
Activity: Talks and presentations › Conference presentations

ISARS2016
Gryning, S. (Speaker)
6 Jun 2016
Activity: Talks and presentations › Conference presentations

GHRSSST Science Team Meeting XVII
Karagali, I. (Participant)
5 Jun 2016 → 10 Jun 2016
Activity: Attending an event › Participating in or organising a conference

EuroTech Summer School 2016 @ EPFL: Energy Systems
Simon, E. (Participant)
4 Jun 2016 → 18 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

IEA Task 36 - Wind Forecasting (External organisation)
Simon, E. (Participant)
1 Jul 2016 → ...
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

VindkraftNet 2016 Skærbæk, Denmark
Hasager, C. B. (Participant)
23 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Online teaching at DTU Wind Energy
Badger, M. (Speaker)
19 May 2016
Activity: Talks and presentations › Conference presentations

Acoustic Day 2016
Bak, C. (Organizer)
18 May 2016
Activity: Attending an event › Participating in or organising a conference

Optimal Design Software for Bucket Foundations
Stolpe, M. (Invited speaker)
18 May 2016
Activity: Talks and presentations › Conference presentations

E-læring om vindenergi til fysikundervisningen i gymnasierne
Badger, M. (Speaker)
17 May 2016
Activity: Talks and presentations › Conference presentations

Perdigao NEWA meeting
Meyer Forsting, A. R. (Speaker)
13 May 2016
Activity: Talks and presentations › Conference presentations
ESA Living Planet Symposium 2016
Karagali, I. (Participant)
9 May 2016 → 13 May 2016
Activity: Attending an event › Participating in or organising a conference

Forskningens Døgn i Roskilde
Bak, C. (Participant)
30 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Larsen, T. J. (Speaker)
27 Apr 2016 → 28 Apr 2016
Activity: Talks and presentations › Conference presentations

Larsen, T. J. (Invited speaker)
27 Apr 2016 → 28 Apr 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

DTU Wind Energy Department: Danish/Turkish Collaboration and Funds
Bechmann, A. (Invited speaker)
27 Apr 2016
Activity: Talks and presentations › Conference presentations

Aalborg University
Sandal, K. (Visiting researcher)
25 Apr 2016 → 29 Apr 2016
Activity: Visiting an external institution › Visiting another research institution

I O P Conference Series: Earth and Environmental Science (Journal)
Karagali, I. (Reviewer)
25 Apr 2016
Activity: Research › Peer review of manuscripts

E-læring om vindenergi til fysikundervisningen i gymnasiene
Badger, M. (Speaker)
21 Apr 2016
Activity: Talks and presentations › Conference presentations

I O P Conference Series: Earth and Environmental Science (Journal)
Karagali, I. (Reviewer)
20 Apr 2016
Activity: Research › Peer review of manuscripts

I O P Conference Series: Earth and Environmental Science (Journal)
Karagali, I. (Reviewer)
20 Apr 2016
Activity: Research › Peer review of manuscripts

Development towards rotor blades with combined passive and distributed active load control
Rasmussen, F. (Invited speaker)
19 Apr 2016
Activity: Talks and presentations › Conference presentations
Forskningens Døgn
Bak, C. (Participant)
16 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Industry meets science, Stavanger, Norway
Larsen, T. J. (Speaker)
6 Apr 2016
Activity: Talks and presentations › Conference presentations

Wind Turbine Loading
Larsen, T. J. (Invited speaker)
6 Apr 2016
Activity: Talks and presentations › Conference presentations

Computers & Fluids (Journal)
Kelly, M. C. (Reviewer)
Mar 2016 → May 2016
Activity: Research › Peer review of manuscripts

Coursera Partnership Conference
Badger, M. (Participant)
20 Mar 2016 → 22 Nov 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

E-learning master at DTU
Badger, M. (Speaker)
18 Mar 2016
Activity: Talks and presentations › Conference presentations

Challenges and perspectives in passive and active blade load control
Rasmussen, F. (Invited speaker)
4 Feb 2016
Activity: Talks and presentations › Conference presentations

IEC 61400-15 meeting/workshop 7 (Event)
Kelly, M. C. (Member)
2 Feb 2016 → 5 Feb 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Satellite winds for NEWA offshore: Envisat, Sentinel-1, ASCAT, and lifting method
Badger, M. (Speaker)
2 Feb 2016
Activity: Talks and presentations › Conference presentations

Remote sensing for offshore wind energy
Badger, M. (Speaker)
29 Jan 2016
Activity: Talks and presentations › Conference presentations

E-læringsplaner i Vindenergi
Badger, M. (Speaker)
13 Jan 2016
Activity: Talks and presentations › Conference presentations
Near-real-time wind retrievals from S-1 SAR
Badger, M. (Other)
7 Jan 2016
Activity: Talks and presentations › Conference presentations

Coastal Boundary Layer Development, Impacted by terrain inhomogeneity and non-ideal conditions
Kelly, M. C. (Main supervisor), Cavar, D. (Supervisor), Lars Landberg (External examiner)
4 Jan 2016 → 4 Jul 2016
Activity: Examinations and supervision › Supervisor activities

12th EAWE PhD seminar on Wind Energy in Europe
Simon, E. (Organizer)
1 Jan 2016 → 31 May 2016
Activity: Attending an event › Participating in or organising a conference

Courtney, W. T. (Participant)
2015
Activity: Attending an event › Participating in or organising a conference

Sandal, K. (Speaker)
2015
Activity: Talks and presentations › Conference presentations

Approaches to validate wind resource grid data
Larsén, X. G. (Supervisor)
2015
Activity: Examinations and supervision › Supervisor activities

Coastal offshore winds, ocean waves and currents using remote sensing
Larsén, X. G. (Supervisor)
2015 → 2018
Activity: Examinations and supervision › Supervisor activities

Design of large composite structures
Haselbach, P. U. (Lecturer)
2015
Activity: Talks and presentations › Conference presentations

Journal of Renewable and Sustainable Energy (Journal)
Volker, P. (Reviewer)
2015 → …
Activity: Research › Peer review of manuscripts

NAFEMS Nordic Steering Committee (NNSC) (External organisation)
Mikkelsen, L. P. (Participant)
2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Resources (Journal)
Volker, P. (Reviewer)
2015 → …
Activity: Research › Peer review of manuscripts
Wind Energy (Journal)
Kelly, M. C. (Reviewer)
2015 → …
Activity: Research › Peer review of manuscripts

Continuing education in Wind Energy through E-learning
Badger, M. (Speaker)
17 Dec 2015
Activity: Talks and presentations › Conference presentations

Chairing committee at Dr. Techn. Defence of jens Nørkær Sørensen, December 11, 2016 (External organisation)
Aagaard Madsen, H. (Chairman)
11 Dec 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Impact of leading edge roughness and erosion on the annual energy production and how to improve it with aerodynamic devices
Bak, C. (Speaker)
10 Dec 2015
Activity: Talks and presentations › Conference presentations

European Academy of Wind Energy (External organisation)
Simon, E. (Chairman)
1 Dec 2015 → 15 Nov 2018
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

EWEA Annual Conference and Exhibition 2015
Borraccino, A. (Participant)
17 Nov 2015 → 20 Nov 2015
Activity: Attending an event › Participating in or organising a conference

EWEA Annual Conference and Exhibition 2015
Simon, E. (Participant)
17 Nov 2015 → 20 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Innovation from JSME 2015
Jespersen, K. M. (Participant)
14 Nov 2015 → 15 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Offshore winds from satellites: Examples from Chinese and European seas
Badger, M. (Other)
12 Nov 2015
Activity: Talks and presentations › Conference presentations

Science Honours Academy from University of Utrecht, the Netherlands visits DTU Wind Energy
Hasager, C. B. (Organizer)
10 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Wind Turbines
Bak, C. (Lecturer)
10 Nov 2015
Activity: Talks and presentations › Conference presentations
Challenges of using composite materials for large wind turbine blades
Mikkelsen, L. P. (Lecturer)
2 Nov 2015
Activity: Talks and presentations › Conference presentations

Remote Sensing of Environment (Journal)
Karagali, I. (Reviewer)
31 Oct 2015
Activity: Research › Peer review of manuscripts

Experimental investigations of flow over terrain for wind energy
Mann, J. (Invited speaker)
21 Oct 2015
Activity: Talks and presentations › Conference presentations

3D Wind Field Measurements obtained with DTU Wind Energy's Space and Time Synchronized WindScanners
Mikkelsen, T. K. (Invited speaker)
19 Oct 2015
Activity: Talks and presentations › Conference presentations

Recent developments in Free Material Optimization for design of composite structures
Stolpe, M. (Invited speaker)
13 Oct 2015
Activity: Talks and presentations › Conference presentations

Determination of an Optimum Sector Size for Plan Position Indicator Measurements using a Long Range Coherent Scanning Atmospheric Doppler LiDAR: Presentation for Public Defence at Uppsala University, Sweden
Simon, E. (Lecturer)
2 Oct 2015
Activity: Talks and presentations › Conference presentations

Boundary-Layer Meteorology (Journal)
Kelly, M. C. (Reviewer)
Sep 2015 → Dec 2015
Activity: Research › Peer review of manuscripts

WAsP Online course
Kelly, M. C. (Lecturer)
Sep 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

IEC 61400-15 meeting/workshop 6 (Event)
Kelly, M. C. (Member)
29 Sep 2015 → 2 Oct 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Reducing the Sensitivity to Leading Edge Roughness and Enhancing AEP and Long-Term Performance by Applying Aerodynamic Devices
Bak, C. (Speaker)
29 Sep 2015
Activity: Talks and presentations › Conference presentations

Probabilistic Gust Characterization
Hannesdóttir, Á. (Speaker)
24 Sep 2015
Activity: Talks and presentations › Conference presentations
11th EAWE PhD seminar on Wind Energy in Europe
Meyer Forsting, A. R. (Speaker)
23 Sep 2015
Activity: Talks and presentations › Conference presentations

Implications of upscaling - challenges and perspectives
Rasmussen, F. (Lecturer)
22 Sep 2015
Activity: Talks and presentations › Conference presentations

Wind resources
Badger, M. (Lecturer)
21 Sep 2015
Activity: Talks and presentations › Conference presentations

Seminar on small turbines
Bechmann, A. (Invited speaker)
18 Sep 2015
Activity: Talks and presentations › Conference presentations

Danish Centre for Composite Structures and Materials for Wind Turbines (DCCSM)
Haselbach, P. U. (Speaker)
16 Sep 2015 → 17 Sep 2015
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

The DTU 10MW Reference Wind Turbine
Bak, C. (Lecturer)
15 Sep 2015
Activity: Talks and presentations › Conference presentations

ESA Advanced Training in Land Remote Sensing
Karagali, I. (Participant)
14 Sep 2015 → 18 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

15th European Meteorological Society Annual meeting
Gryning, S. (Chairman)
10 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

15th European Meteorological Society Annual meeting
Gryning, S. (Chairman)
10 Sep 2015
Activity: Attending an event › Participating in or organising a conference

Wind profile modelling using WAsP and ‘tall’ wind measurements
Floors, R. R. (Speaker)
10 Sep 2015
Activity: Talks and presentations › Conference presentations

Reducing the uncertainty of near-shore wind estimations using wind lidars and mesoscale models
Floors, R. R. (Speaker)
8 Sep 2015
Activity: Talks and presentations › Conference presentations
15th EMS Annual Meeting & 12th European Conference on Applications of Meteorology (ECAM)
Gryning, S. (Organizer)
7 Sep 2015 → 11 Sep 2015
Activity: Attending an event › Participating in or organising a conference

Computers & Fluids (Journal)
Kelly, M. C. (Reviewer)
Jul 2015 → Sep 2015
Activity: Research › Peer review of manuscripts

20th International Conference on Composite Materials (ICCM20)
Haselbach, P. U. (Speaker)
20 Jul 2015 → 24 Jul 2015
Activity: Talks and presentations › Conference presentations

GHRSST XVI Science Team Meeting
Karagali, I. (Participant)
20 Jul 2015 → 24 Jul 2015
Activity: Attending an event › Participating in or organising a conference

3rd International Conference Energy and Meteorology
Gryning, S. (Speaker)
26 Jun 2015
Activity: Talks and presentations › Conference presentations

WEng [WAsP-Engineering] course
Kelly, M. C. (Lecturer)
15 Jun 2015 → 17 Jun 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Ocean winds from satellites – applications for offshore wind energy
Badger, M. (Speaker)
11 Jun 2015
Activity: Talks and presentations › Conference presentations

11th World Congress of Structural and Multidisciplinary Optimization
Rojas Labanda, S. (Participant)
9 Jun 2015
Activity: Attending an event › Participating in or organising a conference

11th World Congress of Structural and Multidisciplinary Optimisation
Weldeyesus, A. G. (Speaker)
7 Jun 2015 → 12 Jun 2015
Activity: Talks and presentations › Conference presentations

Offshore CREYAP Part 2 - final results
Mortensen, N. G. (Invited speaker)
3 Jun 2015
Activity: Talks and presentations › Conference presentations

Challenges in developing +10 MW Wind Turbines
Bak, C. (Lecturer)
2 Jun 2015
Activity: Talks and presentations › Conference presentations
EWEA Technology Workshop
Borraccino, A. (Participant)
2 Jun 2015 → 3 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Scientific Computing Using Python - 1
Jespersen, K. M. (Participant)
2 Jun 2015 → 4 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

NORCOWE SAC (External organisation)
Buhl, T. (Participant)
1 Jun 2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

IEC 61400-15 and TC-88 (External organisation)
Kelly, M. C. (Member)
May 2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

12th German Wind Energy Conference DEWEK 2015
Borraccino, A. (Speaker)
Activity: Talks and presentations › Conference presentations

Fracture Mechanics for Laminated Composite Structures
Jespersen, K. M. (Participant)
18 May 2015 → 22 May 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

IOVWST Meeting 2015
Karagali, I. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Project review for RCUK Energy Programme – March 2015 (External organisation)
Aagaard Madsen , H. (Participant)
10 May 2015
Activity: Membership › Membership in review committee

Microscale Meteorology: turbulence, measurement, and boundary-layer parameterization (Københavns Universitet)
Kelly, M. C. (Lecturer)
Apr 2015 → Aug 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

PLENARY - An overview of recent research on AM and OAM of wind turbine noise
Aagaard Madsen , H. (Speaker)
23 Apr 2015
Activity: Talks and presentations › Conference presentations

6th International Meeting on Wind Turbine Noise
Zhu, W. J. (Speaker)
20 Apr 2015 → 23 Apr 2015
Activity: Talks and presentations › Conference presentations
European Geosciences Union General Assembly 2015
Sempreviva, A. M. (Organizer)
17 Apr 2015
Activity: Attending an event › Participating in or organising a conference

Fremtidens vindenergi – en magisters historie på Risø og DTU
Mortensen, N. G. (Speaker)
15 Apr 2015
Activity: Talks and presentations › Conference presentations

Wake Conference 2015 (Event)
Kelly, M. C. (Reviewer)
Mar 2015 → Apr 2015
Activity: Research › Peer review of manuscripts

WAsP Online course
Kelly, M. C. (Lecturer)
Mar 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Assessment of Doppler lidar as tool for wind environment mapping around a windbreak
Angelou, N. (Participant)
16 Mar 2015 → 22 May 2015
Activity: Other

DCAMM 15th Internal Symposium
Rojas Labanda, S. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Modelling of Wind Turbine Blades with ABAQUS
Bitsche, R. (Speaker)
12 Mar 2015
Activity: Talks and presentations › Conference presentations

EWEA Offshore 2015 Conference
Buhl, T. (Organizer)
10 Mar 2015 → 12 Mar 2015
Activity: Attending an event › Participating in or organising a conference

EWEA Offshore 2015 Conference
Simon, E. (Participant)
10 Mar 2015 → 12 Mar 2015
Activity: Attending an event › Participating in or organising a conference

Offshore CREYAP Part 2 – preliminary results
Mortensen, N. G. (Invited speaker)
10 Mar 2015
Activity: Talks and presentations › Conference presentations

IEC 61400-15 and TC-88 (External organisation)
Kelly, M. C. (Participant)
Feb 2015 → Apr 2015
Activity: Membership › Membership of commitees, commissions, boards, councils, associations, organisations, or similar
IQPC Conference - Advances in Rotor Blades for Wind Turbines
Bak, C. (Speaker)
26 Feb 2015
Activity: Talks and presentations › Conference presentations

Review of project proposal at Stanford University - February 2015 (External organisation)
Aagaard Madsen, H. (Member)
25 Feb 2015
Activity: Membership › Membership in review committee

Uncertainty in wind resources: probabilistic methods and quantification
Kelly, M. C. (Guest lecturer)
25 Feb 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

From Trades to Turbines: State-of-the-art in Wind Power Resource Assessment
Hahmann, A. N. (Invited speaker)
24 Feb 2015
Activity: Talks and presentations › Conference presentations

IEC 61400-15 meeting/workshop 4 (Event)
Kelly, M. C. (Participant)
24 Feb 2015 → 27 Feb 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

IQPC Conference - Advances in Rotor Blades for Wind Turbines
Zahle, F. (Invited speaker)
24 Feb 2015
Activity: Talks and presentations › Conference presentations

Buhl, T. (Organizer)
4 Feb 2015 → 6 Feb 2015
Activity: Attending an event › Participating in or organising a conference

Dabrowski, D. (Speaker)
4 Feb 2015 → 6 Feb 2015
Activity: Talks and presentations › Conference presentations

Gallego Calderon, J. F. (Speaker)
4 Feb 2015 → 6 Feb 2015
Activity: Talks and presentations › Conference presentations

E-learning activities at DTU Wind Energy
Badger, M. (Invited speaker)
3 Feb 2015
Activity: Talks and presentations › Conference presentations

Virtual Campus Hub
Badger, M. (Other)
3 Feb 2015
Activity: Talks and presentations › Conference presentations
Implementation of a hysteretic 3D soil model in an aeroelastic code. Dynamic analysis of an offshore wind turbine in misaligned wind and waves
Schleer, S. (Speaker)
28 Jan 2015
Activity: Talks and presentations › Conference presentations

Boundary-Layer Meteorology (Journal)
Larsén, X. G. (Reviewer)
2014 → 2017
Activity: Research › Peer review of manuscripts

COST Action TU1304 (External organisation)
Sempreviva, A. M. (Chairman)
2014
Activity: Membership › Membership of research networks or expert groups

Coupling Atmospheric and Ocean Wave Models for Storm Simulation
Larsén, X. G. (Main supervisor)
2014 → 2017
Activity: Examinations and supervision › Supervisor activities

Development of e-learning materials
Bitsche, R. (Participant)
2014
Activity: Other

Fiber Reinforced Lightweight Structures
Haselbach, P. U. (Lecturer)
2014
Activity: Other

Journal of Coastal Research (Journal)
Larsén, X. G. (Reviewer)
2014 → 2017
Activity: Research › Peer review of manuscripts

Journal of Fluid Mechanics (Journal)
Larsén, X. G. (Reviewer)
2014 → 2017
Activity: Research › Peer review of manuscripts

Journal of Wind Engineering & Industrial Aerodynamics (Journal)
Larsén, X. G. (Reviewer)
2014 → 2017
Activity: Research › Peer review of manuscripts

Linear Algebra and Optimization Seminar 2014
Rojas Labanda, S. (Participant)
2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Danish Wind Power: Presentation at NREL Dec 2014
Ram, B. (Lecturer)
Dec 2014
Activity: Talks and presentations › Conference presentations

DTU Sustain Conference 2014
Karagali, I. (Speaker)
17 Dec 2014
Activity: Talks and presentations › Conference presentations

Wind in the sea around Iceland
Hasager, C. B. (Invited speaker)
3 Dec 2014
Activity: Talks and presentations › Conference presentations

Release of BECAS v3.0
Bitsche, R. (Participant)
Nov 2014
Activity: Other

The Offshore Wind Energy Potential of Iceland
Hasager, C. B. (Invited speaker)
25 Nov 2014
Activity: Talks and presentations › Conference presentations

ABYSS: Optimal design of offshore wind turbine support structures
Buhl, T. (Lecturer)
24 Nov 2014
Activity: Talks and presentations › Conference presentations

International Conference on Giant Offshore Wind Turbines
Bak, C. (Participant)
24 Nov 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

WEEng [WAsP-Engineering] course
Kelly, M. C. (Lecturer)
24 Nov 2014 → 26 Nov 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

UDTU: Education in University Teaching at DTU - Module 3
Bitsche, R. (Participant)
5 Nov 2014 → 7 Nov 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

IEA task 32 (Lidar)
Borraccino, A. (Speaker)
4 Nov 2014 → 6 Nov 2014
Activity: Talks and presentations › Conference presentations

Public Engagement Strategies for Wind Energy: Are We on the Right Track?
Ram, B. (Lecturer)
Oct 2014
Activity: Talks and presentations › Conference presentations
WEng Online course
Kelly, M. C. (Lecturer)
Oct 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

ESA SOLAS EO for Ocean-Atmosphere Interactions Science
Hasager, C. B. (Participant)
28 Oct 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

ESA SOLAS EO for Ocean-Atmosphere Interactions Science
Karagali, I. (Speaker)
Activity: Talks and presentations › Conference presentations

Teaching and Learning
Mortensen, N. G. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Wind Operator Congress Europe
Mikkelsen, T. K. (Participant)
28 Oct 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Observations and modeling of the wind profile and wind turning in the atmospheric boundary layer
Floors, R. R. (Speaker)
7 Oct 2014
Activity: Talks and presentations › Conference presentations

Observations of the boundary-layer height and the wind profile in the marine boundary layer
Floors, R. R. (Speaker)
7 Oct 2014
Activity: Talks and presentations › Conference presentations

Selected research results from Danish offshore wind farms
Buhl, T. (Lecturer)
25 Sep 2014
Activity: Talks and presentations › Conference presentations

UDTU: Education in University Teaching at DTU - Module 2
Bitsche, R. (Participant)
24 Sep 2014 → 26 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Seminar on small turbines
Bechmann, A. (Invited speaker)
19 Sep 2014
Activity: Talks and presentations › Conference presentations

UDTU: Education in University Teaching at DTU - Module 1
Bitsche, R. (Participant)
16 Sep 2014 → 19 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Danish Smart Grid Research Network Event, Wind and the Smart Grid
Basit, A. (Participant)
15 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Aerodynamics on Eroded Blades and How to Improve AEP
Bak, C. (Lecturer)
11 Sep 2014
Activity: Talks and presentations › Conference presentations

OBIDAM 14
Karagali, I. (Participant)
8 Sep 2014 → 9 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Estuarine, Coastal and Shelf Science (Journal)
Karagali, I. (Reviewer)
26 Aug 2014
Activity: Research › Peer review of manuscripts

The 2014 Sandia Wind Turbine Blade Workshop
Aagaard Madsen, H. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DTU Energy Conversion 2nd International PhD Summer School
Jespersen, K. M. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Wind Energy (Journal)
Volker, P. (Reviewer)
1 Aug 2014 → 1 Jun 2015
Activity: Research › Peer review of manuscripts

Group for High Resolution Sea Surface Temperature (External organisation)
Karagali, I. (Chairman)
30 Jul 2014
Activity: Membership › Membership of research networks or expert groups

11th World Congress on Computational Mechanics, 5th European Conference on Computational Mechanics, 6th European Conference on Computational Fluid Dynamics
Rojas Labanda, S. (Participant)
24 Jul 2014
Activity: Attending an event › Participating in or organising a conference

Large-scale Free Material Optimization on 3D design domains by an interior point method
Stolpe, M. (Speaker)
22 Jul 2014
Activity: Talks and presentations › Conference presentations

11th World Congress on Computational Mechanics, 5th European Conference on Computational Mechanics, 6th European Conference on Computational Fluid Dynamics
Weldeyesus, A. G. (Speaker)
American Meteorological Society. Bulletin (Journal)
Kelly, M. C. (Reviewer)
Jun 2014 → Nov 2014
Activity: Research › Peer review of manuscripts

Hard Bop and Cool Jazz
Ram, B. (Lecturer)
Jun 2014
Activity: Talks and presentations › Conference presentations

Dislocation boundary formation and effect of high angle boundaries in nano copper crystals during in-situ TEM deformation
Zhang, X. (Invited speaker)
18 Jun 2014
Activity: Talks and presentations › Conference presentations

Probabilistic Meteorological Characterization for Turbine Loads
Kelly, M. C. (Speaker)
18 Jun 2014
Activity: Talks and presentations › Conference presentations

SAR for wind energy
Badger, M. (Lecturer)
13 Jun 2014
Activity: Talks and presentations › Conference presentations

The 15th GHRSST Science Team Meeting
Karagali, I. (Participant)
2 Jun 2014 → 6 Jun 2014
Activity: Attending an event › Participating in or organising a conference

Weather Intelligence for Renewable Urban Areas
Sempreviva, A. M. (Organizer)
2 Jun 2014 → 3 Jun 2014
Activity: Attending an event › Participating in or organising a conference

Site Suitability/Assessment, and WEng
Kelly, M. C. (Lecturer)
27 May 2014 → 30 May 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

ESA SciNet 2014
Karagali, I. (Participant)
14 May 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Sea-surface roughness and wave characteristics-The variety of expressions
Larsen, S. E. (Lecturer)
14 May 2014 → 17 May 2014
Activity: Talks and presentations › Conference presentations

Wind Resource Assessment and WAsP
Kelly, M. C. (Lecturer)
13 May 2014 → 16 May 2014
European Geosciences Union General Assembly 2014
Sempreviva, A. M. (Organizer)
27 Apr 2014 → 2 May 2014
Activity: Attending an event › Participating in or organising a conference

Wind energy - Issues you did not know
Clausen, N. (Lecturer)
24 Apr 2014
Activity: Talks and presentations › Conference presentations

Participation in A2e planning meeting to be held 16-18 April 2014 at the National Renewable Energy Laboratory, in Golden, Colorado. (External organisation)
Aagaard Madsen, H. (Participant)
16 Apr 2014 → 18 Apr 2014
Activity: Membership › Membership in review committee

How to use CFD for long-term energy assessments
Bechmann, A. (Invited speaker)
8 Apr 2014
Activity: Talks and presentations › Conference presentations

5th International Conference on The Science of Making Torque from Wind 2014 (Event)
Kelly, M. C. (Reviewer)
Mar 2014 → Jun 2014
Activity: Research › Peer review of manuscripts

A I P Conference Proceedings Series (Journal)
Kelly, M. C. (Reviewer)
Mar 2014 → May 2014
Activity: Research › Peer review of manuscripts

Is the Power Density of Large Offshore Wind Farms Limited?
Volker, P. (Speaker)
27 Mar 2014
Activity: Talks and presentations › Conference presentations

Advancing beyond shallow waters: Structural optimization of wind turbine substructures
Stolpe, M. (Speaker)
26 Mar 2014
Activity: Talks and presentations › Conference presentations

EERA DTOC wake results offshore
Hasager, C. B. (Speaker)
12 Mar 2014
Activity: Talks and presentations › Conference presentations

Geophysical and Astrophysical Fluid Dynamics (Journal)
Kelly, M. C. (Reviewer)
Feb 2014 → Jul 2014
Activity: Research › Peer review of manuscripts

Advances in Science and Research (Journal)
Karagali, I. (Reviewer)
17 Feb 2014
Activity: Research › Peer review of manuscripts

**EERA DeepWind 2014 - 11th Deep Sea Offshore Wind R&D Conference**
Buhl, T. (Organizer)
22 Jan 2014 → 25 Jan 2014
Activity: Attending an event › Participating in or organising a conference

Activity: Attending an event › Participating in or organising a conference

**EERA Design Tool for Offshore wind farm Cluster (DTOC)**
Hasager, C. B. (Invited speaker)
22 Jan 2014
Activity: Talks and presentations › Conference presentations

Activity: Talks and presentations › Conference presentations

**INNWIND.EU. Overview of project and recent results**
Jensen, P. H. (Invited speaker)
22 Jan 2014
Activity: Talks and presentations › Conference presentations

Activity: Talks and presentations › Conference presentations

**Journal of Geophysical Research - Part C - Ocean (Journal)**
Karagali, I. (Reviewer)
10 Jan 2014
Activity: Research › Peer review of manuscripts

Activity: Research › Peer review of manuscripts

**DCAMM 14th Internal Symposium**
Rojas Labanda, S. (Participant)
2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**DCAMM's Videnskabelige Råd (External organisation)**
Mikkelsen, L. P. (Participant)
2013 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Design of Lightweight Composite Structures**
Haselbach, P. U. (Lecturer)
2013
Activity: Other

Activity: Other

**IEA Task 31 2nd Annual Meeting**
Sogachev, A. (Speaker)
2013
Activity: Talks and presentations › Conference presentations

Activity: Talks and presentations › Conference presentations

**Journal of Geophysics Research (Journal)**
Larsén, X. G. (Reviewer)
2013 → 2017
Activity: Research › Peer review of manuscripts

Activity: Research › Peer review of manuscripts

**The behaviour of wind wind power during Nordic storms**
Larsén, X. G. (Main supervisor)
2013
Activity: Examinations and supervision › Supervisor activities

Activity: Examinations and supervision › Supervisor activities

**EarthTemp Arctic SST Meeting**
Karagali, I. (Speaker)
18 Dec 2013 → 19 Dec 2013
Activity: Talks and presentations › Conference presentations

Activity: Talks and presentations › Conference presentations
Megavind strategy – Increasing the owners’ value of wind in energy systems with large shares of wind (External organisation)
Sørensen, P. E. (Secretary)
Nov 2013 → Sep 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Graded structures in materials: Microstructure, strength and application
Zhang, X. (Speaker)
29 Nov 2013
Activity: Talks and presentations › Conference presentations

First Offshore Comparative Resource and Energy Yield Assessment Procedures (CREYAP)
Mortensen, N. G. (Invited speaker)
21 Nov 2013
Activity: Talks and presentations › Conference presentations

EWEA Offshore 2013
Buhl, T. (Organizer)
19 Nov 2013 → 21 Nov 2013
Activity: Attending an event › Participating in or organising a conference

Topical Expert Meeting on "Challenges of wind energy in complex terrain"
Sogachev, A. (Speaker)
12 Nov 2013
Activity: Talks and presentations › Conference presentations

Flow stabilization in submicron-sized copper crystals by introducing high angle boundaries
Zhang, X. (Invited speaker)
28 Oct 2013
Activity: Talks and presentations › Conference presentations

Interior point methods for the variable thickness sheet problem
Stolpe, M. (Invited speaker)
27 Sep 2013
Activity: Talks and presentations › Conference presentations

9th European Academy of Wind Energy PhD seminar in Wind Energy in Europe
Haselbach, P. U. (Participant)
18 Sep 2013 → 20 Sep 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

2013 EUMETSAT Meteorological Satellite Conference and 19th American Meteorological Society AMS Satellite Meteorology, Oceanography, and Climatology Conference
Karagali, I. (Speaker)
16 Sep 2013 → 20 Sep 2013
Activity: Talks and presentations › Conference presentations

The European Energy Research Alliance (EERA) – Aligning National and European Wind Energy Research
Madsen, P. H. (Speaker)
10 Sep 2013 → 12 Sep 2013
Activity: Talks and presentations › Conference presentations

ESA Living Planet Symposium
Karagali, I. (Speaker)
8 Sep 2013 → 13 Sep 2013
Methods for large-scale variable thickness sheet problems
Stolpe, M. (Invited speaker)
8 Sep 2013 → 13 Sep 2013
Activity: Talks and presentations › Conference presentations

Microstructure and strength: graded nanostructures in materials
Zhang, X. (Speaker)
23 Aug 2013
Activity: Talks and presentations › Conference presentations

Vortex wake models with application to yawed rotor
Branlard, E. S. P. (Speaker)
6 Aug 2013
Activity: Talks and presentations › Conference presentations

19th International Conference on Composite Materials
Zike, S. (Participant)
29 Jul 2013
Activity: Attending an event › Participating in or organising a conference

ECCOMAS Multibody Dynamics 2013
Gallego Calderon, J. F. (Participant)
1 Jul 2013 → 4 Jul 2013
Activity: Attending an event › Participating in or organising a conference

Geophysical and Astrophysical Fluid Dynamics (Journal)
Kelly, M. C. (Reviewer)
Jun 2013 → Aug 2013
Activity: Research › Peer review of manuscripts

Journal of the Atmospheric Sciences (Journal)
Kelly, M. C. (Reviewer)
Jun 2013 → Nov 2013
Activity: Research › Peer review of manuscripts

Comparative Resource and Energy Yield Assessment Procedures (CREYAP) Pt. II
Mortensen, N. G. (Invited speaker)
26 Jun 2013
Activity: Talks and presentations › Conference presentations

14th GHRSST Science Team Meeting
Karagali, I. (Speaker)
17 Jun 2013 → 21 Jun 2013
Activity: Talks and presentations › Conference presentations

Design tool for offshore clusters: objectives of the project
Madsen, P. H. (Speaker)
6 Jun 2013
Activity: Talks and presentations › Conference presentations

Journal of Geophysical Research: Atmospheres (Journal)
Kelly, M. C. (Reviewer)
May 2013 → Jul 2013
Activity: Research › Peer review of manuscripts
Optimal design of laminated composite beams with mass, stiffness, and frequency constraints
Blasques, J. P. A. A. (Speaker)
23 May 2013
Activity: Talks and presentations › Conference presentations

10th World Congress on Structural and Multidisciplinary Optimization
Weldeyesus, A. G. (Speaker)
19 May 2013 → 23 May 2013
Activity: Talks and presentations › Conference presentations

The variable thickness sheet problem revisited
Stolpe, M. (Lecturer)
19 May 2013 → 24 May 2013
Activity: Talks and presentations › Conference presentations

6th International Conference on Composites Testing and Model Identification
Zike, S. (Participant)
22 Apr 2013 → 24 Apr 2013
Activity: Attending an event › Participating in or organising a conference

DCAMM 14th Internal Symposium
Haselbach, P. U. (Participant)
Mar 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Uncertainties in wind resource assessment
Mortensen, N. G. (Lecturer)
19 Mar 2013
Activity: Talks and presentations › Conference presentations

Offshore wind resource assessment
Mortensen, N. G. (Lecturer)
18 Mar 2013
Activity: Talks and presentations › Conference presentations

DCAMM 14th Internal Symposium
Zike, S. (Participant)
13 Mar 2013 → 15 Mar 2013
Activity: Attending an event › Participating in or organising a conference

DCAMM 14th Internal Symposium
Weldeyesus, A. G. (Speaker)
13 Mar 2013 → 15 Mar 2013
Activity: Talks and presentations › Conference presentations

DCAMM 14th Internal Symposium
Gallego Calderon, J. F. (Participant)
13 Mar 2013 → 15 Mar 2013
Activity: Attending an event › Participating in or organising a conference

Wind Energy: Strengthening the collaboration between Denmark and Japan
Madsen, P. H. (Speaker)
9 Mar 2013
Activity: Talks and presentations › Conference presentations
10th Deep Sea Offshore Wind R & D Conference
Haselbach, P. U. (Participant)
Feb 2013
Activity: Attending an event › Participating in or organising a conference

DTU-KAIST Workshop
Karagali, I. (Speaker)
21 Feb 2013 → 22 Feb 2013
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

European Wind Energy Conference & Exhibition 2013
Litong-Palima, M. (Speaker)
6 Feb 2013
Activity: Talks and presentations › Conference presentations

Journal of Renewable and Sustainable Energy (Journal)
Kelly, M. C. (Reviewer)
Jan 2013 → Feb 2013
Activity: Research › Peer review of manuscripts

Meteorological Applications (Journal)
Kelly, M. C. (Reviewer)
Jan 2013 → Mar 2013
Activity: Research › Peer review of manuscripts

Weather Research & Forecasting User Tutorial
Karagali, I. (Participant)
28 Jan 2013 → 5 Feb 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

10th Deep Sea Offshore Wind R & D Conference
Buhl, T. (Organizer)
24 Jan 2013 → 25 Jan 2013
Activity: Attending an event › Participating in or organising a conference

8th WES workshop
Litong-Palima, M. (Speaker)
23 Jan 2013
Activity: Talks and presentations › Conference presentations

Participation in A2e planning meeting January 20-21, 2013 at the Virginia Tech Executive Briefing Center in Arlington, Virginia. (External organisation)
Aagaard Madsen, H. (Participant)
20 Jan 2013 → 21 Jan 2013
Activity: Membership › Membership in review committee

Composite Structures (Journal)
Bitsche, R. (Reviewer)
2012 → ...
Activity: Research › Peer review of manuscripts

Consiglio Nazionale delle Ricerche (External organisation)
Sempreviva, A. M. (Member)
2012 → 30 Apr 2014
Activity: Membership › Board duties in companies, associations, or public organisations
On the predictability of Hub Height Winds
Larsen, X. G. (External examiner)
2012
Activity: Examinations and supervision › External examination

Flow distortion at a dense forest edge
Dellwik, E. (Speaker)
3 Dec 2012
Activity: Talks and presentations › Conference presentations

Præsentation om planerne om en vindtunnel på DTU
Bak, C. (Lecturer)
7 Nov 2012
Activity: Talks and presentations › Conference presentations

I E T Renewable Power Generation (Journal)
Sørensen, P. E. (Editor)
Activity: Research › Journal editor

TKI WoZ Advisory Board Meeting (External organisation)
Buhl, T. (Participant)
1 Oct 2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Polymers - Experimental characterization and numerical predictions
Zike, S. (Participant)
19 Sep 2012 → 20 Sep 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Præsentation om planerne om en vindtunnel på DTU
Bak, C. (Lecturer)
18 Sep 2012
Activity: Talks and presentations › Conference presentations

Cold-drawn pearlitic steel wire and its applications
Zhang, X. (Invited speaker)
30 Aug 2012
Activity: Talks and presentations › Conference presentations

Local and mesoscale atmospheric impacts of wind farms
Larsen, X. G. (External examiner)
26 Aug 2012
Activity: Examinations and supervision › External examination

Censor at University of Copenhagen, Institute of Geography and Geology
Hasager, C. B. (External examiner)
24 Aug 2012
Activity: Examinations and supervision › External examination
Composites Design Workshop VII
Zike, S. (Participant)
14 Aug 2012 → 23 Aug 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Fundamental properties of discrete topology optimization problems
Stolpe, M. (Lecturer)
20 Jun 2012 → 21 Jun 2012
Activity: Talks and presentations › Conference presentations

Global optimization by branch-and-bound methods – Part I
Stolpe, M. (Lecturer)
20 Jun 2012 → 21 Jun 2012
Activity: Talks and presentations › Conference presentations

Global topology optimization by branch-and-bound methods – Part II
Stolpe, M. (Lecturer)
20 Jun 2012 → 21 Jun 2012
Activity: Talks and presentations › Conference presentations

Global topology optimization by local branching
Stolpe, M. (Lecturer)
20 Jun 2012 → 21 Jun 2012
Activity: Talks and presentations › Conference presentations

Trajectories of material interpolation schemes
Stolpe, M. (Speaker)
20 Jun 2012 → 21 Jun 2012
Activity: Talks and presentations › Conference presentations

An alternative material interpolation scheme (RAMP) for minimum compliance topology optimization
Stolpe, M. (Lecturer)
19 Jun 2012 → 20 Jun 2012
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Djøf - Representative of scientific and administrative staff (VIP/TAP) (External organisation)
Olsen, K. H. (Participant)
12 Jun 2012 → 31 Dec 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Optimizing Reliability using BECAS - an Open-Source Cross Section Analysis Tool
Bitsche, R. (Speaker)
11 Jun 2012
Activity: Talks and presentations › Conference presentations

Multiscale Modelling of Complex Materials
Zike, S. (Participant)
21 May 2012 → 25 May 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

EWEA 2012 - European Wind Energy Conference & Exhibition
Litong-Palima, M. (Participant)
16 Apr 2012 → 19 Apr 2012
Activity: Attending an event › Participating in or organising a conference
9th Deep Sea Offshore Wind R&D Seminar
Buhl, T. (Organizer)
19 Jan 2012 → 20 Jan 2012
Activity: Attending an event › Participating in or organising a conference

Advances in Meteorology (Journal)
Larsén, X. G. (Reviewer)
2011 → 2017
Activity: Research › Peer review of manuscripts

2011 AGU Fall Meeting
Karagali, I. (Speaker)
5 Dec 2011 → 9 Dec 2011
Activity: Talks and presentations › Conference presentations

EWEA offshore 2011
Buhl, T. (Participant)
29 Nov 2011 → 1 Dec 2011
Activity: Attending an event › Participating in or organising a conference

6th Wind Energy Systems Workshop (WES Workshop); 6: SimBa Intra-hour Simulation of the Power Balances
Litong-Palima, M. (Speaker)
8 Nov 2011
Activity: Talks and presentations › Conference presentations

Current status and challenges in wind energy assessment
Gryning, S. (Speaker)
7 Nov 2011
Activity: Talks and presentations › Conference presentations

COST ACTION ES1002 Weather Intelligence for Renewable Energy (External organisation)
Sempreviva, A. M. (Chairman)
1 Nov 2011 → 31 Oct 2014
Activity: Membership › Membership of research networks or expert groups

Overview of the development of wind turbine technology
Rasmussen, F. (Speaker)
Activity: Talks and presentations › Conference presentations

Long Term Research Needs - status and perspectives
Rasmussen, F. (Speaker)
5 Oct 2011
Activity: Talks and presentations › Conference presentations

Introduction to offshore wind resources: WASP for offshore wind farms
Mortensen, N. G. (Lecturer)
21 Sep 2011
Activity: Talks and presentations › Conference presentations

Airfoil design
Bak, C. (Lecturer)
1 Aug 2011 → 5 Aug 2011
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities
GHRSST XII Science Team Meeting
Karagali, I. (Participant)
27 Jun 2011 → 1 Jul 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

European Wind Energy Technology Platform - TPWind (External organisation)
Buhl, T. (Participant)
1 Jun 2011 → …
Activity: Membership › Membership of research networks or expert groups

Member of Industrial Advisory Board, University of Strathclyde - Doctoral Training Centre (External organisation)
Aagaard Madsen, H. (Participant)
1 Jun 2011 → 31 Dec 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Comparison of Resource and Energy Yield Assessment Procedures
Mortensen, N. G. (Invited speaker)
11 May 2011
Activity: Talks and presentations › Conference presentations

Trends in Wind Energy Technology Development
Rasmussen, F. (Speaker)
10 May 2011 → 12 May 2011
Activity: Talks and presentations › Conference presentations

Ocean winds for wind power using satellite winds
Hasager, C. B. (Speaker)
27 Apr 2011
Activity: Talks and presentations › Conference presentations

Fra atomkraft til vindenergi
Mikkelsen, T. K. (Speaker)
13 Apr 2011
Activity: Talks and presentations › Conference presentations

Aerodynamics and aero-elastics
Rasmussen, F. (Speaker)
16 Mar 2011
Activity: Talks and presentations › Conference presentations

DCAMM 13th internal Symposium
Weldeyesus, A. G. (Speaker)
14 Mar 2011 → 16 Mar 2011
Activity: Talks and presentations › Conference presentations

EWEA Annual Event 2011
Karagali, I. (Participant)
14 Mar 2011 → 17 Mar 2011
Activity: Attending an event › Participating in or organising a conference

Power performance measured using a nacelle-based lidar
Wagner, R. (Speaker)
14 Mar 2011
Activity: Talks and presentations › Conference presentations
WindScanner projektet
Mikkelsen, T. K. (Speaker)
3 Mar 2011
Activity: Talks and presentations › Conference presentations

GIS Techniques in Environmental Sciences
Mortensen, N. G. (Participant)
14 Feb 2011 → 19 Feb 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Land og kystvindmøller
Lemming, J. K. (Organizer)
26 Jan 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Planning and Development of Wind Farms
Litong-Palima, M. (Participant)
3 Jan 2011 → 21 Jan 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Energinet.dk working group on Technical regulation 3.2.5 for wind power plants (External organisation)
Sørensen, P. E. (Participant)
2010 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Advanced WASP Course
Mortensen, N. G. (Guest lecturer)
22 Nov 2010 → 26 Nov 2010
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

The new State-of-the-Art report and the European Experience in SafeWind and other projects
Giebel, G. (Speaker)
16 Oct 2010
Activity: Talks and presentations › Conference presentations

Industri i verdensklassen
Jensen, P. H. (Participant)
6 Oct 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Scientific Committee for NOWITECH (External organisation)
Buhl, T. (Participant)
1 Oct 2010 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

2010 EUMETSAT Meteorological Satellite Conference
Karagali, I. (Speaker)
20 Sep 2010 → 24 Sep 2010
Activity: Talks and presentations › Conference presentations

ESA EO Summer School
Karagali, I. (Participant)
2 Aug 2010 → 13 Aug 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Poster presentation: Diurnal Variability of Sea Surface Temperature and Wind
Karagali, I. (Speaker)
2 Aug 2010 → 13 Aug 2010
Activity: Talks and presentations › Conference presentations

GAP funding (DTU internal GAP funding committee) (External organisation)
Buhl, T. (Participant)
1 Aug 2010 → 1 Aug 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

11th GHRSST Science Team Meeting
Karagali, I. (Participant)
21 Jun 2010 → 25 Jun 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Ocean Vector Winds Science Team Meeting 2010
Karagali, I. (Participant)
18 May 2010 → 20 May 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Supervision of larger projects at DTU
Mortensen, N. G. (Participant)
2 Mar 2010
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Measnet Site Assessment Working Group (External organisation)
Mortensen, N. G. (Participant)
2009 → 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Wind Energy (Journal)
Bitsche, R. (Reviewer)
2009 → …
Activity: Research › Peer review of manuscripts

Wind Energy (Journal)
Larsén, X. G. (Reviewer)
2009 → 2017
Activity: Research › Peer review of manuscripts

Wind Energy (Journal)
Larsen, X. G. (Reviewer)
2009 → 2017
Activity: Research › Peer review of manuscripts

The Bolund Experiment: Blind Comparison of Models for Wind in Complex Terrain
Bechmann, A. (Speaker)
14 Dec 2009 → 18 Dec 2009
Activity: Talks and presentations › Conference presentations

Guidelines on the Technical Certification Scheme for the Design, Manufacture, Installation, Maintenance and Service of Wind Turbines
Madsen, P. H. (Speaker)
4 Dec 2009
Activity: Talks and presentations › Conference presentations
The role of standards in the development of the wind industry
Madsen, P. H. (Speaker)
4 Dec 2009
Activity: Talks and presentations › Conference presentations

Upwind spinner-based lidar measurements from the NM80 wind turbine at Tjæreborg
Hansen, K. H. (Participant)
25 Nov 2009
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Upwind spinner-based lidar measurements from the NM80 wind turbine at Tjæreborg
Sjöholm, M. (Participant)
25 Nov 2009
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Upwind spinner-based lidar measurements from the NM80 wind turbine at Tjæreborg
Mikkelsen, T. K. (Speaker)
25 Nov 2009
Activity: Other

2nd Advanced Training on Ocean Remote Sensing - ESA
Karagali, I. (Participant)
28 Sep 2009 → 2 Oct 2009
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

From the air - wind energy
Madsen, P. H. (Speaker)
17 Sep 2009
Activity: Talks and presentations › Conference presentations

Presentation of the project
Mikkelsen, T. K. (Speaker)
10 Jun 2009
Activity: Talks and presentations › Conference presentations

Presentation of the project
Batchvarova, E. (Speaker)
10 Jun 2009
Activity: Talks and presentations › Conference presentations

Full scale measurements with Pontos
Schmidt Paulsen, U. (Speaker)
25 May 2009 → 26 May 2009
Activity: Talks and presentations › Conference presentations

IEC TC88 WG27: Wind Turbines - Electrical Simulation Models (External organisation)
Sørensen, P. E. (Chairman)
Apr 2009 → …
Activity: Membership › Membership of commitees, commissions, boards, councils, associations, organisations, or similar

Havmølleforskning på de danske universiteter - udfordringer og muligheder
Madsen, P. H. (Speaker)
28 Apr 2009
Activity: Talks and presentations › Conference presentations
Novel aerodynamic control approaches for very large wind turbine rotors
Rasmussen, F. (Lecturer)
18 Mar 2009
Activity: Talks and presentations › Conference presentations

IEA Wind Task 25 - Design and operation of power systems with large amounts of wind power (External organisation)
Sørensen, P. E. (Participant)
Jan 2009 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

DTU 46200 Planning and Development of Wind Farms
Mortensen, N. G. (Lecturer)
2008 → 2017
Activity: Talks and presentations › Conference presentations

Wind Integration Workshop - International Advisory Committee (External organisation)
Sørensen, P. E. (Participant)
2008 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

European Wind Energy Technology Platform – TPWind. WG3 – Wind energy integration (External organisation)
Sørensen, P. E. (Participant)
Oct 2008 → Nov 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Cutting-edge clean-tech and energy technologies in Denmark: A happy marriage with the wind turbine industry
Jensen, P. H. (Speaker)
1 Sep 2008 → …
Activity: Talks and presentations › Conference presentations

Cutting-edge clean-tech and energy technologies in Denmark: A happy marriage with the wind turbine industry
Rasmussen, F. (Speaker)
1 Sep 2008 → …
Activity: Talks and presentations › Conference presentations

The role of wind energy in the future energy supply
Giebel, G. (Speaker)
19 Jun 2008 → …
Activity: Talks and presentations › Conference presentations

Wind energy research at Risø DTU
Jensen, P. H. (Speaker)
7 May 2008 → …
Activity: Talks and presentations › Conference presentations

Megavind strategy - Wind Power Plants in the Energy System (External organisation)
Sørensen, P. E. (Participant)
Mar 2008 → Dec 2011
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Danish Standard - S588 Wind Turbines - A11 Power Quality (External organisation)
Sørensen, P. E. (Participant)
2007 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
DTU 46300 Wind Turbine Technology and Aerodynamics
Mortensen, N. G. (Lecturer)
2007 → 2016
Activity: Talks and presentations › Conference presentations

Risø DTU Board of Studies (External organisation)
Mikkelsen, L. P. (Participant)
2007 → 2012
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Wind Energy (Journal)
Sørensen, P. E. (Editor)
1 Mar 2007 → 31 Dec 2013
Activity: Research › Journal editor

The world expedition Galathea 3 seen from Satellite Eye; EGU2007-ES3-1TH4O-001
Hasager, C. B. (Speaker)
1 Jan 2007 → …
Activity: Talks and presentations › Conference presentations

The world expedition Galathea 3 seen from Satellite Eye; EGU2007-ES3-1TH4O-001
Badger, M. (Speaker)
1 Jan 2007 → …
Activity: Talks and presentations › Conference presentations

WAsP days '06
Mortensen, N. G. (Invited speaker)
26 Jan 2006
Activity: Talks and presentations › Conference presentations

WAsP days '05
Mortensen, N. G. (Invited speaker)
24 Jan 2005 → 25 Jan 2005
Activity: Talks and presentations › Conference presentations

Board of Governors, Risø National Laboratory (External organisation)
Mortensen, N. G. (Participant)
2004 → 2007
Activity: Membership › Board duties in companies, associations, or public organisations

IEEE (External organisation)
Sørensen, P. E. (Participant)
2004 → …
Activity: Membership › Membership of research networks or expert groups

IASTED Technical Committee (External organisation)
Sørensen, P. E. (Participant)
Jan 2002 → Dec 2005
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

IEA Wind Task 21 - Dynamic models of wind farms for power system studies (External organisation)
Sørensen, P. E. (Participant)
Jan 2002 → Dec 2005
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
**WAsP certification examination**  
Mortensen, N. G. (Organizer)  
2001 → 2016  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**WAsP Certification Exams**  
Rathmann, O. S. (Internal examiner)  
2001 → 2016  
Activity: Examinations and supervision › Internal examination

**Wind farm wake modelling**  
Rathmann, O. S. (Other)  
2001 → …  
Activity: Other

**WAsP certification examination**  
Mortensen, N. G. (Participant)  
1 Nov 2001  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Wind Data Analysis**  
Rathmann, O. S. (Participant)  
2000 → …  
Activity: Other

**Eurosun 2000 - Technical scientific committee** (External organisation)  
Sørensen, P. E. (Participant)  
Jan 2000 → Jun 2000  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Danish Standard - S588 Wind Turbines - A11 Power Quality** (External organisation)  
Sørensen, P. E. (Chairman)  
1999 → 2007  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Danish Energy Agency - Committee for requirements to wind turbines with other grid connections than directly connected induction generators** (External organisation)  
Sørensen, P. E. (Participant)  
1998 → 1999  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Terrain description software: Map Editor**  
Rathmann, O. S. (Participant)  
1998 → …  
Activity: Other

**Danish Utilities Research Institute (DEFU) - Working group for recommendations for lightning protection of wind turbines** (External organisation)  
Sørensen, P. E. (Participant)  
1997 → 1999  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Solar Energy Centre Denmark - Coordination committee** (External organisation)  
Sørensen, P. E. (Participant)  
1997 → 2000
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**WAsP Courses: Continued Education**
Rathmann, O. S. (Lecturer)
1997 → 2016
Activity: Talks and presentations › Conference presentations

**IEC TC88 MT21: Wind Turbines - Measurement and assessment of power quality characteristics of grid connected wind turbines (External organisation)**
Sørensen, P. E. (Participant)
1996 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Wind Resource assessments: Various wind farm projects**
Rathmann, O. S. (Participant)
1996 → …
Activity: Other

**University of Copenhagen (External organisation)**
Mortensen, N. G. (Participant)
1994 → 2006
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**National Center for Atmospheric Research**
Mortensen, N. G. (Visiting researcher)
10 Jan 1992 → 5 Jul 1992
Activity: Visiting an external institution › Visiting another research institution

**WAsP course**
Mortensen, N. G. (Participant)
1991 → 2017
Activity: Other

**The Øresund Experiment Data Bank: Version 2.0**
Mortensen, N. G. (Other)
1 Apr 1987
Activity: Other

**Prizes:**

**AMS 8ENERGY Student Presentation Award**
Elliot Simon (Recipient), 5 Feb 2017
Prize: Prizes, scholarships, distinctions

**IEC 1996 Award**
Poul Ejnar Sørensen (Recipient), 31 Jul 2012
Prize: Prizes, scholarships, distinctions

**IEEE Senior Member**
Poul Ejnar Sørensen (Recipient), 2007
Prize: Prizes, scholarships, distinctions

**MSc: Graduation with distinction**
Robert Bitsche (Recipient), 2005
Prize: Prizes, scholarships, distinctions
PhD Award Wind Energy Denmark 2016: Design optimization of jackets
Kasper Sandal (Recipient), 27 Oct 2016
Prize: Prizes, scholarships, distinctions

PhD: Graduation with distinction
Robert Bitsche (Recipient), 2009
Prize: Prizes, scholarships, distinctions

Poster: A quasi 3D computation of merging wakes using a boundary layer equation model approach
Helge Aagaard Madsen (Recipient), 14 Mar 2011
Prize: Prizes, scholarships, distinctions

Poster: Gearbox loads caused by double contact simulated with HAWC2
Torben J. Larsen (Recipient), 14 Mar 2011
Prize: Prizes, scholarships, distinctions

Press clippings:

Global Wind Atlas 2.0
Jake Badger
04/12/2017
1 media contribution
Press / Media

Vi skal stadig blive klogere på vindmøller (We still need to learn more about wind turbines)
Niels-Erik Clausen & Tom Nervil
17/10/2017
1 media contribution
Press / Media

Sjældent fænomen: Vindmøller kløver skyer over Nordsøen
Charlotte Bay Hasager
15/05/2017
1 media contribution
Press / Media

Vindmøller kløver skyerne over Nordsøen
Charlotte Bay Hasager
01/05/2017
1 media contribution
Press / Media

Forskningens døgn - forskning for fremtiden
Lars Pilgaard Mikkelsen
29/04/2017
1 item of media coverage
Press / Media

Should we power ahead with very large wind farms?
Patrick Volker, Andrea N. Hahmann, Jake Badger & Hans Ejsing Jørgensen
17/03/2017
1 media contribution
Press / Media
Big can be best when it comes to wind farms
Patrick Volker, Andrea N. Hahmann, Jake Badger & Hans Ejsing Jørgensen
17/03/2017
1 media contribution
Press / Media

Vindmølleparkers logistik er for omkostningstung
Charlotte Bay Hasager
30/11/2016
1 media contribution
Press / Media

Skype dialog på web-tv – Grøn omstilling: Panel diskusjon af den grønne omstilling med spørgsmål fra gymnasie elever
Asger Bech Abrahamsen
07/11/2016
1 media contribution
Press / Media

Spørg Scientariat: Hvorfor er vindmøller ikke udstyret med winglets som fly?
Christian Bak
12/07/2016
1 media contribution
Press / Media

Risør i gang med at bygge ‘verdens bedste’ vindtunnel
Christian Bak
27/06/2016
1 media contribution
Press / Media

42% wind power in Danish power system 2015: Go’morgen P3 2016-01-15
Poul Ejnar Sørensen
15/01/2016
1 media contribution
Press / Media

DTU Wind Energy plans 2nd stage of offshore wind farms project planning tool
Charlotte Bay Hasager
01/01/2016
1 media contribution
Press / Media

Dansk teknologi revolutionerer vindmåling
Torben Krogh Mikkelsen
01/01/2016
1 media contribution
Press / Media

Biofibre på spring til industrien
Bo Madsen
29/05/2015
1 media contribution
Press / Media

DTU vil bruge Vestas’ pensionist-mølle til forskning
Thomas Buhl
31/03/2015
1 media contribution
Vestas-mølle til Risø: DTU Vindenergi har investeret i en Vestas V52-mølle fra et strandet projekt i Italien, der har proportionerne til at kunne stå i DTU Risø Campus møllerække
Thomas Buhl
30/03/2015
1 media contribution
Press / Media

Ny og større forskningsvindmølle til Risø Campus: Den karakteristiske vindmøllerække på DTU Risø Campus får til april et nyt medlem – "et ungt frisk pust til plejehjemmet,"
Thomas Buhl
27/03/2015
1 media contribution
Press / Media

Risø-forsker: 50 m/s havde skubbet kronprinsens bil af Storebæltsbroen
Christian Bak
15/01/2015
1 media contribution
Press / Media

Harnessing the power of wind with a learning platform
Merete Badger
19/09/2014
1 media contribution
Press / Media

The Danish National Wind Tunnel moving into detailed design phase
Christian Bak
01/04/2014
1 media contribution
Press / Media

Ny supercomputer optimerer vindmøllevinger
Thomas Buhl
31/03/2014
1 media contribution
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