

Name	Day	Time	Room	Session Code	Title of Presentation
Abdullah Mahmoud	Wed	13:20	5	215	A Supervised Data-Driven Methodology for Damage Classification in Jacket-Type Wind-Turbine Foundations
Afanasieva Nadiia	Tue	10:50	2	112	LES Reduction for Lidar-Assisted Wind Field Reconstruction
Agarwal Nathan	Wed	13:20	2	212	Evaluation of MYNN and 3DPBL wakes with North Sea in-situ observations
Ahmad Yusof Nur Ain Wahidah Binti	Tue	10:50	5	115	Design and implementation of a novel technique to measure the tensile strength of recycled glass fibres taken from wind turbine blades
Al-Ghuwaidi Abdulelah	Thu	10:50	4	324	Assessing and monitoring low frequency dynamics of floating offshore wind turbines using operational modal analysis
Aslmostafa Jarchelou Ehsan	Thu	10:30	1	321	Nonlinear robust control approaches for maximizing power generation in floating offshore wind turbines in low-wind Regions
Bastin Jean	Tue	11:10	1	111	Wind dynamics around large rotors in Baltic Sea conditions
Batista Vasco	Thu	9:40	1	311	Wind farm wake flows under marine conditions
Bellini Federico	Wed	16:10	1	221	Comparison Among Low and Medium Fidelity Models and Experimental Wind Tunnel Data
Bensignor Isaac	Wed	14:20	2	212	Physics of Rotor Noise of Vehicles Operating in Urban Environments
Benzohra Abdelmalek	Wed	14:00	4	214	Inspection and Maintenance Planning for Offshore Wind Turbine Support Structures: New Insights
Bordignon Matteo	Thu	9:20	4	314	Estimation of the Absolute Wind Vector for AWE Systems
Borowski Johanna	Tue	10:30	2	112	Predicting future wind speeds based on climate model data and MCP methods
Bortolin Davide	Tue	11:10	4	114	An Experimental and Numerical Study of Static and Dynamic Yaw-based Wake Mixing
Bouzolin Daniel	Tue	11:10	5	115	Design for Repowering of Wind Farms
Bruninx Max	Tue	13:30	3	123	Reinforcement learning based control for the next-generation offshore wind-hydrogen farm
Bull Thomas Serup	Wed	16:30	4	224	Treatment of uncertainties in digital twin modelling
Bührend Lukas	Wed	13:40	2	212	Large Eddy Simulations of Turbulence Regimes in the Stable Boundary Layer
Cadavid Gil Esteban	Wed	16:10	4	224	Finite element analysis of the structural behaviour and fatigue life of a dynamic power cable
Calzoni Lucrezia	Tue	13:10	4	124	Mitigation Strategies to Counteract the Fluid-Structure Interference in the Connection Area between the Blade and the Rotor Arm of a Vertical Axis Wind Turbine
Castro Valerio Bernardo	Thu	10:50	3	323	Analysis of HVDC interconnectors in the North Sea Grid for offshore wind integration
Cespedes Moreno Juan Felipe	Wed	13:20	3	213	Impact on loads and AEP from lift correction models in wind turbine roots with thick airfoils

Chapman-Smith Keeta	Wed	13:00	2	212	Modelling Tropical Cyclones for Safer Farm Design and Operations
Clark Ross	Wed	14:00	1	211	Actuator disc analyses - a comparison of numerical results with new analytical formulations
De Pascali Marco	Thu	10:30	4	324	Influence of platform motion on the energy production of a floating wind farm
Delvaux Theo	Tue	10:30	1	111	A large-eddy simulation analysis of wind-farm axial-induction control strategies in conventionally neutral boundary layers
Devesse Koen	Wed	15:30	1	221	Demonstrating WAYVE: a Code for Modeling Wind-Farm Gravity-Wave Interaction
Duthé Gregory	Tue	10:50	4	114	On the potential of graph neural network surrogates for fatigue-aware control and design of wind farms
Duvivier Alban	Thu	11:10	1	321	Optimizing Electrical Stability in Offshore Energy Hubs: An Analysis of Topologies and Solutions
Ebrahimi Majid	Thu	9:00	1	311	Offshore wind farm model validation
Edirisinghe Dylan S.	Tue	11:10	3	113	Development of a Computational Model to simulate the Whirling Arm Rain Erosion Rig (WARER) Experiments
Eichner Lukas	Wed	14:00	5	215	LUKAS' JACKET: A test structure for model and monitoring based lifetime management of offshore jacket support structures
Firpo Agnese	Wed	16:10	3	223	Actuator Line Modelling of Multi-turbine Interaction in Floating Offshore Conditions
Gaiser Annika	Tue	11:30	1	111	Analysis of vertically staggered wind farm setups as a mitigation strategy for wind farm cluster wakes
Galhardo António	Thu	9:20	2	312	Improving OpenFAST models for wind turbine lifetime prediction using experimental measurements
Hamzeloo Sima	Wed	16:10	2	222	Investigation of wind-wave interaction on Marine Atmospheric Boundary Layer: One-Way Coupling between MIKE 3 wave and WRF-LES
Hernandez Alan	Wed	15:30	2	222	Optimization of the WRF configuration for accurately predicting operational wind farm data
Issa Mahmoud	Wed	13:40	4	214	Investigation of Life Extension Impact and the Financial Viability of Frequency Support Provision from Wind Farms
Jiménez-Ruiz Javier	Tue	13:10	3	123	Modelling of Wind Turbines within the Framework of IEC 61400-27 Standard
Kellaris Konstantinos	Thu	9:20	3	313	Study of the three-dimensional coherent structures in the wake of flatback airfoils
Kherlen Jigjid	Wed	13:40	1	211	A simple RANS closure for wind-farms under neutral atmospheric conditions: Model assessment
Korb Henry	Wed	14:00	2	212	Simulating Thermally Stratified Boundary Layers with the Lattice Boltzmann Method
Krause Jan	Wed	13:00	1	211	Improvement of a double-Gaussian wake model for complex inflow and operation conditions

Krishnan Paranjothi Udhaya Chandiran	Tue	13:30	1	121	Analysing the sensitivity of wind farm-induced gravity waves to blockage-induced rotor diameter to hub height ratio
Krumbein Sascha	Thu	9:20	1	311	The Underwater Berlin Research Turbine: A Wind Turbine Model for Wake Investigations in a Water Towing Tank
Kämmerling Max	Thu	11:10	4	324	On the Generalization of Machine Learning Algorithms for Mooring Line Tension Estimation of Floating Wind Turbines under Unknown Sea Conditions
Ladopoulou Domna	Wed	15:30	4	224	Probabilistic Multi-Layer Perceptrons for Wind Farm Condition Monitoring
Leone Tiziano	Tue	11:50	3	113	Wind tunnel numerical modeling for wind farm control strategies
Lipari Tiago	Wed	13:00	4	214	Impact of Foundation Repair on Wind Turbine Natural Frequencies: A Case Study
Liu Jiaxin	Wed	16:30	1	221	Parametric study on the impact of atmospheric inflow characteristics on turbine performance and loads
Lüdemann Dana Sarah	Tue	10:50	3	113	Validation of CFD simulations for urban wind flow using Wind Scanner building wake measurements
Madsen Jens Visbech	Wed	13:20	4	214	Profitability of erosion-safe operation in Norway
Manami Mohammadreza	Wed	15:50	4	224	Novel Wind Lidar Configurations For Wind Energy Applications
Marini Rebeca	Thu	10:30	5	325	Insights in wind field reconstruction from LIDAR measurements
Meckelnborg Simon	Tue	13:30	2	122	Methods for Simulation of Vortex-induced-Vibrations and for Site Specific Design of High Wind Turbine Towers
Menken Julia	Wed	16:30	2	222	Impact of atmospheric turbulence and stability on wind turbine wakes measured with a nacelle lidar at WiValdi
Messmer Thomas	Wed	15:30	3	223	Coherent flow structures in the wake of a floating wind turbine
Mirzaei Mohammad Javad	Tue	11:30	4	114	Enhanced robust control of floating wind conversion system using neural network observer
Mohammadi Mohammad Mehdi	Wed	13:20	1	211	Assessment of wind turbine's loads and power generation in forested areas along the diurnal cycle
Moynihan Bridget	Tue	11:50	5	115	Probabilistic offshore wind farm fatigue life estimations to inform decommissioning policy and repowering decision making
Napier Aidan	Thu	11:10	2	322	Load mitigation devices for wind turbine supports and foundations – an early feasibility study
Nazari Samira	Thu	9:00	3	313	Enhancing Antifouling Efficiency of Superhydrophobic Surfaces on Wind Turbine Applications: Micro-Texture and Spreading Diameter Analysis
Ndindayino Olivier	Wed	15:50	1	221	Investigation of the effect of blockage on wind turbine wake development

Nenoff Carl	Thu	10:30	3	323	Influence of floating offshore wind turbine dynamics on bubble covering in proton exchange membrane electrolyzers
Nilsen Marcus	Thu	10:50	1	321	Autonomous Data-driven Wind Farm Control
Nordtorp Frederik	Wed	14:20	5	215	Force Control in Hybrid Testing
Noroozi Marjan	Wed	14:20	3	213	Enhanced characterization and modeling of structural damping in Wind Turbine Blade Composites
O'Neill Niall	Thu	10:50	5	325	Optimization under uncertainty applied to wind farm design and control
Oliveira Catarina	Thu	9:00	2	312	Population-based monitoring of wind turbines
Onnen David	Tue	11:50	1	111	Spectral coherence of wake motions with flow structures and turbine responses
Patel Ansh	Tue	11:10	2	112	Lidar measurements of turbulence characteristics for large wind turbines
Petry Alice	Thu	10:50	2	322	Challenges with ice basin tests for offshore wind turbine substructures in Arctic conditions
Piovesan Francesco	Tue	11:30	3	113	Risk-based feasibility assessment and life cycle cost modelling of next generation wind turbine components
Plets Jelle	Thu	9:40	2	312	Remaining fatigue lifetime of welded tubular joints of offshore structures using detailed stress analysis based on 3D scans
Pogumirskis Maksims	Tue	11:30	2	112	Quantifying biases in the wind forecasted by WRF with wind measurements in the Baltics
Popi George	Wed	14:00	3	213	Morphing wind turbine blades for turbulence absorption: a preliminary study
Pourmirasghariyan Mirhamed	Thu	9:00	4	314	Synchronous control of X-Rotor secondary rotors using a virtual synchronous machine
Purohit Shantanu	Tue	10:50	1	111	Effect of wind veer on yawed wind turbine under realistic atmospheric conditions
Rappe Victor	Wed	15:50	3	223	Fatigue analysis of floating offshore wind turbines
Reinhardt Tim	Wed	13:40	5	215	Ensuring accurate modal properties of blades for the estimation of the second tower mode in offshore wind turbines
Ribnitzky Daniel	Wed	13:00	3	213	Advancements on the Hybrid-Lambda blade design and control methodology
Sagredo Esperanza	Tue	11:50	2	112	Wind-field characterization using lidar measurements and proper orthogonal decomposition
Schøler Jens Peter	Tue	13:50	1	121	Wind Farm Flow Modeling with Neural Operators for Turbine Wake Superposition
Shah Anik	Tue	13:50	2	122	Parameterizing low-frequency fatigue cycles to reconstruct lifetime fatigue in wind turbines
Shah Anik Hirenkumar	Tue	11:30	5	115	Impact of low-frequency fatigue cycles on the lifetime of wind turbines
Sharma Dishant	Tue	13:50	4	124	Numerical Investigation of Deep Dynamic Stall on 2 Bladed H-Rotor VAWT using Scaled Resolved Turbulence Model

Silva Caballero Adrián	Wed	15:50	2	222	Wind flow dynamics under extreme situations in complex terrains
Silwal Kimon	Wed	15:10	3	223	Investigation of Wake Meandering of a Floating Wind Turbine
Sudhakaran Nikhil	Thu	10:30	2	322	Assessing True Brinelling and Its Implications for Wind Turbine Bearings
Sun Haoyuan	Tue	11:50	4	114	Verifying engineering steady yaw models using actuator disc simulations
Tan Yoke Wang	Thu	9:40	4	314	X-Rotor Scaling and Operation with Primary Rotor Generator
Thurn Jonathan	Wed	15:10	4	224	Damage detection and localisation of a lattice tower using autocovariance functions of acceleration measurements
Topić Roko	Wed	15:10	2	222	Assessment of modelling strategies on complex and forested terrains
Uluocak Sinem	Wed	15:10	1	221	Detection of turbulent structures of wind turbine inflow using dual WindScanner measurements
Useche Mario	Thu	11:10	3	323	AC Energy Islands for the optimal integration of offshore wind energy resources: Operation Strategies using Multi-Objective Non-linear Programming
Vandegar Gabriel	Wed	13:00	5	215	Modeling structural damage for ship collisions against spar floating offshore wind turbines using a deep learning approach
Vanelli Thea	Tue	10:30	4	114	Wind farm modeling for enhanced performance
Varouxis Theodoros	Tue	13:10	2	122	An Assessment of Kolmogorov-Arnold Network (KAN) in Estimating Wind Turbine Blade Fatigue
Vetters Jade	Tue	10:30	5	115	From water to resource: A multi-actor techno-economic analysis of offshore wind farm decommissioning
Vukobrat Antonina	Wed	14:20	4	214	Assessing the economic and environmental performance of onshore wind farms
Wagner Martin	Tue	13:10	1	121	Stochastic modelling of wind turbine power conversion dynamics using rotor averaged wind speeds
Wiegant Evert	Wed	13:40	3	213	Verification of coupling OpenFAST to a GPU-resident LES solver with actuator line model
Zacharias Konstantin	Tue	10:30	3	113	Wind measurements in complex terrain: A combination of met mast and drone-based measurements
Zengler Clemens	Wed	14:20	1	211	Impact of streamwise pressure gradients on aerodynamic turbine performance – a numerical investigation
Zheng Fanning	Tue	13:50	3	123	Assessing the impact of wind farm control strategies on the integrated electricity grid
Zulfazli Muhammad Mutthanna Amjad Bin	Tue	13:30	4	124	X-Rotor Secondary Rotor Aerodynamic Modelling