

# Friday June 3

	Turbine Technology #6: Turbine Design (Chair: Taeseong Kim)	Wind and Wind Farms #6: Flow Physics (Chair: Sukanta Basu)	Floating Wind #3: Experimental Methods for FOWTs (Chair: Sandrine Aubrun)	Measurement and Testing #4: Testing (Chair: Sarah Barber)
9:00 - 10:30	Innovative aerodynamic rotor concept for demand-oriented power feed-in of offshore wind turbines Sensitivity analysis of geometrical design parameters on the performance of conical plain bearings for use as main bearings in wind turbines Validation of crack initiation model by means of cyclic full-scale blade test Structural Design of Wind Turbine Blades with an Additively Manufactured Graded Lattice Core using Topology Optimisation	A wall-modeled approach accounting for wave stress in Large Eddy Simulations of offshore wind farms Do ambient shear and thermal stratification impact wind turbine tip-vortex breakdown? Analysis of wake properties and meandering under different cases of atmospheric stability: a large eddy simulation study Identification of large-scale atmospheric structures under different stability conditions using Dynamic Mode Decomposition	A six degree-of-freedom set-up for wind tunnel testing of floating wind turbines Experimental validation of the aero-servo design of a large-scale floating offshore wind turbine model Power curve measurement of a floating offshore wind turbine with a nacelle-based lidar Wind field reconstruction using nacelle-based lidar measurements for floating wind turbines	Results from the FOCAL Experiment Campaign 1: Turbine Control Co-Design Effects of Lightning on Pultruded Carbon Fiber Wind Blades Measurements and Modeling of Friction Torque of Wind Turbine Blade Bearings Evaluation of a Hardware-in-the-loop Test Setup Using Mechanical Measurements with a DFIG Wind Turbine Nacelle
10:30 - 11:00	<b>Break</b>			
11:00 - 12:10	<b>Future of Wind and Wind-Based Hydrogen Production</b>			
12:10 - 12:30	<b>Conference Closing by Simon Watson</b>			