





Theme 2 Design, Manufacturing & Installation



- **Servo-aeroelastic tailoring of wind turbines using new active-to-passive control systems** University of Bristol, University of Strathclyde, DNV-GL, Vestas
 - **System Identification for Integrated Structural and Foundation Monitoring of Offshore Wind Turbines** University of Oxford, Parkwind NV
 - **Screw piles for wind energy foundation systems** University of Dundee, University of Southampton, Durham University, Roger Bullivant, Soil Machine Dynamics, Cathie Associates, PRO-DIG
 - **Structural Design and Integrity Enhancement of offshore Floating support structures (SDIEF)** Cranfield University, Imperial College London, Strathclyde University
 - **Wind Foundation Systems** University of Strathclyde, Cranfield University
 - **Dynamic Wind Power Plant Control for System Integration** University of Strathclyde
 - **Comparison of turbine powertrain models and measurements for maximum energy capture** Universities of Strathclyde and Edinburgh, ORE Catapult
 - **Demonstration of innovative designs to reduce fatigue loads and improve reliability of multi-MW turbines (WINDTRUST)** Universities of Strathclyde and Southampton, CRES, DTU Wind Energy, Gamesa, LM Wind Power, Semikron, Cener, Greenovate!
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