



SUPERGEN WIND

Wind Energy Technologies Consortium

Phase 1 final assembly agenda

10:00am - 17:00pm, Thursday 25th March 2010
The Turing, imago@Holywell Park, Loughborough LE11 3TU

- 10:00-10:30 *Registration and coffee*
- 10:30-11:00 **Project phase 1 presentation**
by Prof. Bill Leithead, University of Strathclyde
- 11:00-11:20 **Technology progress in wind energy**
by Dr Gillian Smith, Garrad Hassan
- 11:20-11:40 **How R&D can assist the application of wind generation**
by Dr Dave Pearce, E.ON
- 11:40-12:10 *Posters and coffee break*
- 12:10-12:30 **Wind tunnel modelling of wind turbine wakes**
by Dr Philip Hancock, Surrey University
- 12:30-12:50 **Fault analysis and condition monitoring for wind turbines: practical techniques for wind farms**
by Dr Simon Watson, Loughborough University
- 12:50-14:00 *Posters and lunch*
- 14:00-14:20 **Control strategies for blade and tower load reduction**
by Prof. Bill Leithead, University of Strathclyde
- 14:20-14:40 **Wind turbine blade materials**
by Prof. Paul Hogg, University of Manchester
- 14:40-15:00 **Lightning-protection and Radar Cross Section minimisation**
by Prof. Tony Brown, University of Manchester
- 15:00-15:30 *Posters and coffee break*
- 15:30-15:50 **Blade model for certification test support and failure prediction**
by Dr Geoff Dutton, Rutherford Appleton Laboratory, STFC
- 15:50-16:20 **Phase 2 – Towards the offshore wind power station**
by Prof. Peter Tavner, Durham University
- 16:30-17:00 7th CSC meeting of Phase 1 (Only to project partners)