

# REWIND 7th meeting - May 27th 2014

## Venue

Søhuset  
DTU Scion  
Venlighedsvej 10  
2970 Hørsholm

Programme					
Time	Session				Location
08:30-09:00		Breakfast and networking			Restaurant
09:00-09:10	WP0	<i>Welcome, introduction to the programme, status on project and info about midterm report</i>	Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	Room no. will be visible at Scion DTU
09:10-09:15	WP1	<i>Status on WP1</i>	Kristian Vinter Dahl	DTU Mechanical Engineering	
09:15-09:35	WP1.2	<i>Failure analysis and thermochemical surface engineering of roller bearings in the wind turbine drivetrain</i>	Ole West	DTU Mechanical Engineering	
09:35-09:55	WP4.2	<i>Laboratory simulation of White Etching cracks</i>	Shravan Janakiraman	DTU Mechanical Engineering	
09:55-10:00	WP2	<i>Status on WP2</i>	Søren Fæster, WPL	DTU Wind Energy	
10:00-10:20	WP2.1	<i>Characterization of graphite nodules and defects in ductile cast iron</i>	Krishnendu Mukherjee	DTU Wind Energy	
10:20-10:40	WP2.2	<i>Investigation of fatigue fracture of ductile cast iron by FE modeling</i>	Hongsheng Lui	DTU Wind Energy	
10:40-11:00		Break with coffee/tea/water/fruit			Served outside our room
11:00-11:10	WP3	<i>Status of WP3</i>	Jesper Hattel, WPL	DTU Mechanical Engineering	Room no. will be visible at Scion DTU
11:10-11:30	WP3.1	<i>Model for solidification of ductile cast iron</i>	Mathias Bjerre	DTU Mechanical Engineering	
11:30-11:50	WP3.2	<i>Numerical modelling of defects distribution and residual stresses in forged components</i>	Peter Christiansen	DTU Mechanical Engineering	
11:50-12:10	WP3.3	<i>Modelling the Effects of Process Induced Defects on Subsequent Mechanical Behavior of Cast Components</i>	Tito Andriollo	DTU Mechanical Engineering	
12:10-13:10		Lunch			Restaurant
13:10-13:15	WP4	<i>Status on WP4</i>	Peder Klit	DTU Mechanical Engineering	Room no. will be visible at Scion DTU
13:15-13:35	WP4.1	<i>Sub-surface fatigue crack growth at alumina inclusions in AISI 52100 roller bearings</i>	Michele Cerullo	DTU Mechanical Engineering	
13:35-13:45	WP5	<i>Status of Work in WP5 - Electro mechanical simulation of wind turbine drivetrains</i>	Anand Natarajan	DTU Wind Energy	
13:45-13:50	WP6	<i>Status on WP6</i>	John Dalsgaard Sørensen, WPL	AAU	
13:50-14:10	WP6.1	<i>Statistical analysis of fatigue test results by Workpackage 2</i>	Hesam Mirzaei Rafsanjani	AAU	
14:10-14:15	WP0	<i>Intro til workshop after the break</i>	Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	
14:15-14:35		Break with refreshments			Restaurant
14:35-14:55	WP1-6	<i>Topic 1: To be announced on the 27th</i>	Chairperson: Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	Room no. will be visible at Scion DTU
14:55-15:15	WP1-6	<i>Topic 2: To be announced on the 27th</i>	Chairperson: Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	
15:15-15:35	WP1-6	<i>Topic 3: To be announced on the 27th</i>	Chairperson: Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	
15:35-15:40	WP0	<i>Ending meeting</i>	Jesper Hattel, Coordinator/WPL	DTU Mechanical Engineering	
15:40-15:50		Short Break			
15:50-16:50		<i>Steering Committee meeting - WPL and partners</i>			