



## Agenda

# The Wind Power Day 2010: Offshore

## The Danish Research Consortium for Wind Energy

**When:** Thursday 17. June 2010 9:00 AM – 4:00 PM  
**Where:** Niels Bohr Auditoriet, Risø DTU, Frederiksborgvej 399, Roskilde

08.30-09.00	<b>Registration - Coffee</b>	<b>Presenter</b>
09.00-09.20	Welcome to the Wind Power Day – offshore wind energy R&D	<i>Peter Hauge Madsen, Risø DTU</i>
09.20-09.50	Presentation of Lindø Offshore Renewable Centre (LORC)	<i>By LORC</i>
09.50-10.10	Waves, current, foundation and sea bed interaction	<i>Erik D. Christensen, DHI</i>
10.10-10.30	“Offshore Foundation Competition UK Round 3 – Water depth of 30 -60m”	<i>Lars Bo Ibsen, AaU</i>
10.30-10.50	Prediction of energy production from offshore wind turbines	<i>Sven Creutz Thomsen, DTU IMM</i>
10.50-11.10	<b>Coffee break</b>	
11.10-11.30	Power fluctuations from offshore wind plants	<i>Nicholaos Cutululis, Risø DTU</i>
11.30-11.50	Wind turbine components in transient electrical load cases in offshore wind farms	<i>Joachim Holbøll, DTU Elektro</i>
11.50-12.10	Offshore standardization and offshore certification in Denmark	<i>Jørgen Lemming, Risø DTU</i>
12.10-12.30	Offshore meteorological conditions and the influence on wind energy	<i>Hans E. Jørgensen, Risø DTU</i>
12.30-12.50	Aerodynamic measurements on MW turbine: New knowledge for design of offshore wind turbines	<i>Helge Madsen, Risø DTU</i>
12.50-13.40	<b>Lunch</b>	
13.40-14.00	Floating wind turbines	<i>Bjarne S. Kallesøe, Risø DTU</i>
14.00-14.20	“Havenergi programmet”: A Nordic research project in offshore wind energy	<i>Jens Nørkjær Sørensen, DTU MEK</i>
14.20-14.40	Very large offshore wind turbine blades: Challenges for material properties	<i>Bent F. Sørensen, Risø DTU</i>
14.40-15.00	Reliability and O&M for offshore wind turbines	<i>John Dalsgaard Sørensen, AaU</i>
15.00-15.10	Introduction of professor Erik Lundtang Petersen and professor Niels N. Sørensen	<i>Peter Hauge Madsen, Risø DTU</i>
15.10-15.30	The large wind turbines challenge to the meteorology	<i>Erik Lundtang Petersen, Risø DTU</i>
15.30-15.50	Application of CFD in wind energy	<i>Niels N. Sørensen, Risø DTU</i>
15.50-16.00	Closing The Wind Power Day	<i>Peter Hauge Madsen, Risø DTU</i>
16.00	<b>Reception for the new professors</b>	