



9th Deep Sea Offshore Wind R&D Seminar

19-20 January 2012, Trondheim, NORWAY

The deep sea offshore wind potential is huge, but will only be realised provided that costs are reduced to a competitive level. This R&D seminar addresses exactly this, presenting results on technical issues that are the key to cost reductions.

Developing offshore wind is an exciting engineering challenge that holds great economic opportunities. This will be demonstrated through a mix of plenary presentations with broad appeal and presentations in parallel sessions on specific technical themes.

The seminar has been developing every year since 2004, and is established as an important venue on deep sea offshore wind R&D. This year the seminar is progressing with an international scientific committee and call for papers. Successful paper submissions will be published on-line in Energy Procedia (Elsevier).

Topics

- a New turbine and generator technology
- b Grid connection and power system integration
- c Met-ocean conditions
- d Operation and maintenance
- e Installation and sub-structures
- f Wind farm modelling

Papers

All papers will be reviewed and successful submissions will be published on-line in Energy Procedia (Elsevier).

There will be awards for best paper and best poster.

Key Dates

- Deadline for final paper submission: 1 December 2011
- Registration closes 9 January 2012
- Conference 19-20 January 2012

Venue

Royal Garden Hotel, Kjøpmannsgata 73, Trondheim, NORWAY

Registration Fee

Please note that VAT will come in addition (25 %) (NOK)

Full conference with dinner	4700
Full conference with dinner, first author, paper/poster	2600
Conference without dinner	4200
Conference day 1 (no dinner)	2100
Conference day 2	2100
Conference dinner	1050

Accommodation and Travel

Radisson Blu Royal Garden Hotel offers accommodation at NOK 1150 per night incl. breakfast.

Please book directly to the hotel stating the name of the seminar and ref VK2012, phone: 02525 (Norway) or 800 3333 3333.

Preliminary Programme

Thursday 19 January

- 09.00 Registration & coffee
- 09.30 Opening and plenary session
- 12.00 Lunch
- 13.00 Parallel sessions:
 - a) New turbine and generator technology
 - b) Grid connection and power system integration
 - c) Met-ocean conditions
- 17.00 Poster session with refreshments
- 19.00 Dinner

Friday 20 January

- 09.00 Parallel sessions:
 - d) Operation and maintenance
 - e) Installation and sub-structures
 - f) Wind farm modelling
- 10.30 Refreshments
- 11.00 Plenary session and closing
- 13.00 Lunch

Scientific Committee

An international Scientific Committee is established with participants from leading research institutes and universities.

- Anaya-Lara, Olimpo, Strathclyde University
- Berge, Erik, Kjeller Vindteknikk
- Busmann, Hans-Gerd, Fraunhofer IWES
- Bussel, Gerard J.W. van, TU Delft (TBC)
- Døhlhaug, Ole Gunnar, NTNU
- Faulstich, Stefan, Fraunhofer IWES
- Gjengedal, Terje, Ståttnett
- Heggset, Jørn, SINTEF
- Krokstad, Jørgen, Ståttkraft
- Kvamsdal, Trond, NTNU
- Langen, Ivør, UiS
- Leithead, William, Strathclyde University
- Madsen, Peter Håuge, Risø DTU (TBC)
- Moan, Torgeir, NTNU
- Moe, Geir, NTNU
- Molinas, Marta, NTNU
- Nielsen, Finn Gunnar, Statoil
- Nygaard, Tor Anders, IFE
- Reuder, Jochen, UiB
- Sirnivas, Senu, NREL
- Tande, John Olav, SINTEF
- Uhlen, Kjetil, NTNU
- Undeland, Tore, NTNU

The Scientific Committee will review submissions and prepare the programme.

Organizing Committee

The conference is organized by the research parties in NOWITECH

- SINTEF
- NTNU
- IFE

in cooperation with:

- NORCOWE
- Risø DTU
- Fraunhofer
- Strathclyde
- TU Delft

Conference Chairs:

- John Olav Giæver Tande, director NOWITECH, senior scientist SINTEF Energy Research
- Trond Kvamsdal, head of NOWITECH Scientific Committee, Associate Professor NTNU
- Ole Gunnar Dahlhaug, Professor NTNU

Conference coordinator:

Please contact Randi Aukan for any practical questions
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NOWITECH

Norwegian Research Centre for Offshore Wind Technology

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