

# DEWEK 2008, 9<sup>th</sup> German Wind Energy Conference

**The World's Leading Technical Wind Energy Conference**  
Bremen, 26-27 November 2008

J. P. Molly; DEWI Wilhelmshaven



ENGLISH

## **First Announcement and Call for Papers**

DEWI organises for the ninth time the biennial German Wind Energy Conference in Bremen from 26 to 27 November 2008. The very successful DEWEK conferences, the last one was visited by more than 600 engineers and scientists from 29 countries, are known as the most important mirror of the leading German science and technology development in wind energy. Since the last conference in 2006 wind energy gained an unbelievable political push around the globe and is now used in many more countries than before. As a consequence the wind turbine manufacturing industry is sold out for two years, a fact which attracted more than 70 companies to enter the wind turbine manufacturing business. With the strong political support of the German government the offshore application in Germany will finally become reality. Also here the lack of willingness to supply the needed multi-megawatt wind turbines forced wind farm developers to design and build their own wind turbines. All these new players will certainly visit the DEWEK 2008 to use the opportunity of coming into contact with their international colleagues and to see one or the other wind turbine of the 5 MW class.

Together with the exhibition of manufacturers, suppliers, universities and engineering companies the DEWEK 2008 will again be the real technical/scientific market place for the on- and offshore wind energy development. The conference topics will focus on multi-megawatt wind turbines and the challenge of the very specific German far-offshore wind energy application, supplemented by the technical optimisation, necessary to increase economic efficiency, reliability and durability which is gaining more and more importance. Two days with very interesting presentations, two days which will be really worthwhile to attend.

## **Exhibition in the Conference Centre**

60 exhibitors represented the whole spectrum of the wind industry in the DEWEK 2006. The large number of foreign visitors expected will make it particularly attractive for companies to participate in the exhibition and to present their latest products and developments in technical discussions with the delegates of the conference.

### Sponsors of the DEWEK 2008:

#### Main Sponsor:

BARD Engineering GmbH



#### Water Bottles:

Gamesa Wind GmbH



#### Badge Lanyards:

Multibrid GmbH



#### Delegate Bags:

Enercon GmbH



### Supporter of the DEWEK 2008:

INTEC GmbH



Nordwest Assekuranz-  
makler GmbH & Co. KG



WAB, Windenergie-Agentur  
Bremerhaven/ Bremen e.V.



### Technical Excursion

On Friday, 28 November, the day after the conference, the participants will have the opportunity to visit in a one day technical excursion the near shore multi-megawatt wind turbine of Bard Engineering near Wilhelmshaven (Bard VM, 5 MW, 122 m rotor diameter).

### Conference Dinner

On the evening of the first conference day the conference dinner will be held in the cellar of the historical town hall of Bremen.

### Conference Language

The conference languages will be English and German with simultaneous translation, but the written papers and posters, as well as all other publications will be in English only.

We hope you will find our programme interesting again and look forward to welcoming you on 26 and 27 November 2008 in Bremen.

Jens Peter Molly  
(Managing Director of DEWI)

### Call for Papers

#### Deadline 30. May 2008

Interested persons working in the fields of wind energy research, development and application are herewith invited to send electronic abstracts of their contributions to the subjects mentioned below to the conference organisers by e-mail by **30 May 2008** at the latest. The abstract should not be longer than 1 page (DIN A4) and be written in English.

The scientific committee of the DEWEK 2008 will select the contributions and decide whether they should be presented as an oral or a poster contribution. To guarantee an absolutely neutral selection of papers, the members of the scientific committee will not see the names of the authors and their organisations. Authors will be informed about the acceptance of their paper not later than **end of July 2008**. The abstracts of the oral contributions and posters are printed in a Book of Abstracts handed out to the conference participants. The authors of the selected contributions will be asked to submit a four-page long electronic version of their work for publishing in the conference proceedings.

#### Deadline for submittal of abstracts: 30 May 2008

Contributions received after this date cannot be accepted for the conference. Please send your abstract (your name and address on top will be removed by us, but avoid to inform about your company inside the text) preferably by e-mail or by post to:

DEWI GmbH - Deutsches Windenergie-Institut  
DEWEK 2008  
Ebertstr. 96  
D-26382 Wilhelmshaven  
Germany

Tel.: +49-4421-4808-0  
Fax.: +49-4421-4808-843  
E-mail: dewek@dewi.de

## Subjects of DEWEK 2008

Proposals for contributions can be submitted for the following subject areas:

1. Performance verification of wind turbines and wind farms (verification of measurements, monitoring, planning/operation comparison, analyses of economic efficiency etc.)
2. New technical developments of wind turbines and components
3. Full size and component tests, material testing, test procedures and results, test facilities
4. New and further developments, validation of and experience with simulation models (wind structure, short-term wind and power predictions, wind resources, wind farms, mechanical load, wind turbine dynamics, etc.)
5. Measuring methods and measurement results (wind velocity, power performance, acoustic noise, loads, calibration of sensors, etc.)
6. Integration of wind turbines into the grid (grid optimisation, power quality, grid reinforcement, spatial distribution, firm power, optimised network of power plants, energy storages, etc.)
7. Operational experiences (operation and maintenance, icing and other environmental effects, repair, life time, error statistics, damage analyses, lessons learned, etc.)
8. Offshore (technology, foundation, loads, grid connection, economy, infrastructure, construction and operation, experiences, measurements, environmental conditions, logistics, etc.)
9. Monitoring: procedures, results, experiences (condition monitoring, wind farm monitoring, load monitoring)
10. Influence on environment on- and offshore, noise propagation, recycling, waste management

The proposals submitted should be neither "company reports" nor advertising presentations, but have a scientific/technical content presented in public for the first time at DEWEK 2008. The programme committee will evaluate the technical contribution of a submission as well as its general accessibility by the audience. Abstracts will be judged on clarity, significance, relevance, correctness and originality.

## Notes for Authors

Summaries of the contributions selected for the conference will be included in a Book of Abstracts and should be written in English. The summary should therefore fulfil the following requirements

1. One page only DIN A4 formatted in Arial 11pt
2. In the first line, title of the presentation followed by a blank line
3. In the next line, name(s) of the author(s), name of speaker first
4. In the next line(s), address(es) of the author(s) (company/institution, street, town, country, tel/fax, e-mail) one line for each author
5. After two blank lines, text of the summary mentioning not only the methodical approach but also the results achieved (for a neutral (blind) selection of papers by the committee please avoid to inform about your institution or company inside the text)

6. Abstracts must be submitted by e-mail compatible with Word for Windows. Diagrams and pictures attached as separate files in the formats \*.gif, \*.tif, \*.jpg or \*.bmp. Please don't send ".pdf" archives.

Please leave the following margins: top: 2.5 cm, left: 2.5 cm, right: 2.5 cm, bottom: 3.0 cm. In the top margin, please indicate the most appropriate session category for your paper.

## Registration Fees:

Registration fees and conditions will be published later. Please note that authors, too, will have to register for the conference and pay the appropriate fee.

## Conference Location:

Congress Centrum Bremen  
Theodor- Heuss-Allee  
28215 Bremen  
Germany

## Accommodation:

The conference hotel is the Maritim Hotel, which has a direct access to the Congress Centrum Bremen. A certain quantity of reservations for the conference is available directly at the Maritim Hotel (Tel. +49-421-3789-0, Fax. +49-421-3789-600).

Other hotels in Bremen are also available. For hotel reservations, please contact:

BTZ Bremer Touristik-Zentrale  
Findorffstraße 105,  
D-28215 Bremen  
Telefon: +49 (0) 4 21 / 30 800-15  
Telefax: +49 (0) 4 21 / 30 800-89

## Important Dates:

30.05.2008:	Last date for the submittal of paper abstracts
End of July 2008:	Notification of authors about acceptance
End of August 2008:	Mailing of the provisional programme
10.10.2008:	Deadline for early bird registration fees
26./27.11.2008	Conference / submittal of written papers
28.11.2008:	Excursion day

## Contact Persons:

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