

# Technology of Offshore Wind Energy

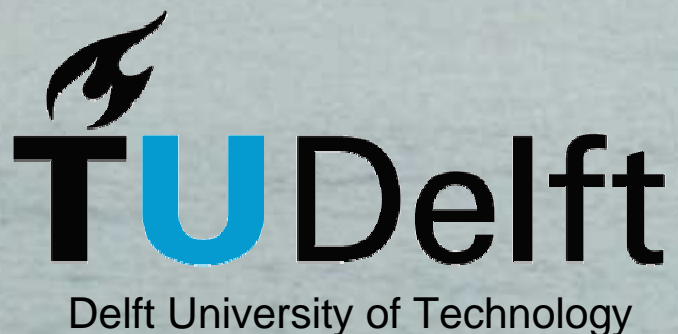
5<sup>th</sup> edition of a Short Course given by Duwind, TUDelft  
4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> (optional) of April 2005

The wind energy industry has enjoyed a very successful decade across Europe, with improvements in the technology, reductions in costs and a large increase in the size of the industry. This technology is currently being taken offshore.

The Duwind Institute at Delft University of Technology will be giving a 2 day intensive course on the 'Technology of Offshore Wind Energy', with an optional workshop on the third day, aimed at professionals with an interest in this new industry. The course has a very technical content and focuses on the activities of project engineers and designers.

The course covers wind turbine, electrical and offshore engineering aspects. The technology of offshore wind energy will be treated on all levels, ranging from the fundamentals of hydrodynamic loading to integrated design methodology. The audience will be encouraged to look beyond its own field of expertise to other disciplines involved in offshore wind farms.

*For booking information, see the reverse-side*



# Course Programme (subject to amendment)

## 4<sup>th</sup> April 2005

- Introduction to course
- Offshore wind climate and loading
- Offshore wave and current climate & loading
- Long-term loading situation
- Offshore soil conditions and foundations
- Offshore support structures

## 5<sup>th</sup> April 2005

- Dynamics of an offshore wind turbine
- Operation and maintenance
- Electrical systems
- Integrated windfarm design
- Round-up of the course

## Morning of 6<sup>th</sup> April 2005 (optional)

- Workshop – discussion - questions

The deadline for registration is 21<sup>th</sup> March 2005, with a maximum of 35 delegates. Please contact us for information on rates and availability of hotels. A course-dinner will be organised on Monday evening for delegates and lecturers.

*For more information, please contact Sylvia Willems on 015-2785170, S.M.Willems@lr.tudelft.nl or visit our web-site: [www.duwind.tudelft.nl](http://www.duwind.tudelft.nl)*

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Return this completed form or the same information to: Sylvia Willems, Kluyverweg 1, 2629 HS Delft, The Netherlands, Tel: +31 15 278 5170, Fax: +31 15 278 5347, E-mail: S.M.Willems@lr.tudelft.nl

### Registration:

Name

Company

Address

Country

Tel

Fax

E-mail

- Course attendance €860,-  
 Workshop €220,- (only in combination with the course)  
 Dinner on Thursday evening €50,-

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### Payment\*

By credit card

- American Express  Visa Euro-/Mastercard  Diners card

In case of payment by credit card you will receive an extra form by fax where you have to fill in your credit card details and signature.

- Bank transfer payable to: "TU Delft, Faculteit Luchtvaart- en Ruimtevaarttechniek,  
Postbus 5058, 2600 GB Delft"  
Bank: ABN-AMRO, address: Postbus 949,  
3000 DD Rotterdam  
Account number: 54.28.91.735  
BIC: ABNANL2A  
IBAN: NL58ABNA0542891735

Please quote C35DUWIND and your name.

\* Your payment needs to be received before the start of the course