
**Danish Geotechnical Society Seminar
in cooperation with DONG Energy Wind Power**

Tuesday 1st April 2014 from 12.00 to 21.00

DONG Energy, Nesa Allé 1, 2820 Gentofte

Geotechnical Engineering in Offshore Wind

- How can we contribute to lowering the cost of electricity?

DONG Energy is hosting a one-day conference for the Danish Geotechnical Society as well as international high-profile academics and key players in the geotechnical industry. Topics during the day will include site investigations, site assessment and design parameters, geotechnical design of offshore wind turbine foundations and installation assessment of offshore wind turbine foundations.

Key Note speakers include Professor Richard Jardine (Imperial College, UK) and Tor Inge Tjelta (Statoil, Norway).

The event includes four technical sessions with subsequent discussions within the above mentioned topics. A dinner and networking session ends the day.

The fee of participation is DKK 550,- incl. VAT. The price includes light lunch, coffee and dinner. Register for the seminar at www.danskgeotekniskforening.dk or dgf@geo.dk no later than Friday 21st of March 2014.

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CVR-nr.

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Telefon/e-mail

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dgf@geo.dk

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PROGRAMME

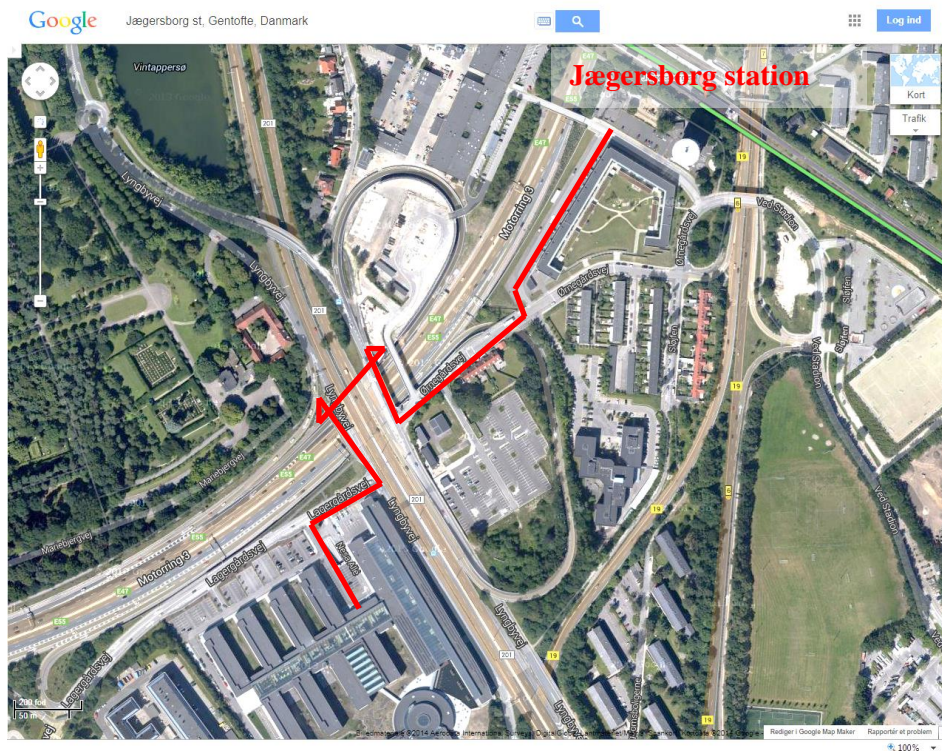
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|----------------------|---|--|
| 11:30 - 12:00 | Arriving and getting settled (Sandwiches are served) | |
| 12:00 - 12:15 | Welcome to DGF seminar | <i>Session lead: Morten Albjerg Liingaard (DGF)</i> |
| | <ul style="list-style-type: none"> Offshore Wind and Challenges ahead | <i>Tove Feld (Vice President, DONG Energy)</i> |
| 12:15 - 13:30 | Session 1: Site Investigation | <i>Session lead: Michael Sienko (Rambøll)</i> |
| | <ul style="list-style-type: none"> Geotechnical site investigations Geotechnics moving forward Cable trenching engineering | <i>Jens Brink Clausen (GEO)</i> <i>Joek Peuchen (Fugro Engineers B.V.)</i> <i>David Cathie (Cathie Associates)</i> |
| | <i>Discussion: Cost-effective site investigations in the future?</i> | |
| 13:30 - 15:15 | Session 2: Site Assessment and Input to Design | <i>Session lead: Niels Mortensen (NMGeo)</i> |
| | <ul style="list-style-type: none"> Deriving characteristic soil parameters on Krigeres Flak Influence of max/min dry density measurements on density index of laboratory testing sand samples Probabilistic approach to determining soil parameters From a certification perspective Impact of soil-structure interaction on turbine loading | <i>Kirstine Lee Kaufmann (Rambøll)</i> <i>Lone Krogh (DONG Energy)</i> <i>Lars Andersen (AAU)</i> <i>Liv Hamre (DNV GL)</i> <i>Niels Jacob Tarp-Johansen (DONG Energy)</i> |
| | <i>Discussion: How can we improve site assessment and input for design?</i> | |
| 15:15 - 15:45 | Coffee Break | |
| 15:45 - 17:30 | Session 3: Geotechnical Design | <i>Session lead: Ole Hededal (COWI)</i> |
| | <ul style="list-style-type: none"> New directions in offshore axial pile design Future monopile design: where is the PISA project taking us? Jackets on Wikinger Suction Bucket Jacket prototype for Borkum Riffgrund 1 | <i>Richard Jardine (Imperial College)</i> <i>Alastair Muir Wood (DONG Energy)</i> <i>Anders Augustesen (COWI)</i> <i>Jens Schupp (JS)</i> |
| | <i>Discussion: Is there room for improvement of state-of-the-art design methods?</i> | |
| 17:30 - 19:00 | Session 4: Installation | <i>Session lead: Anders T. S. Andersen (Aarsleff)</i> |
| | <ul style="list-style-type: none"> Installation of suction caissons for OWT's Driveability assessment of large monopiles Vibro-driving monopiles - a feasible installation concept for the future? | <i>Tor Inge Tjelta (Statoil)</i> <i>Per Grud (CP Test)</i> <i>Christian LeBlanc Thilsted (DONG Energy)</i> |
| | <i>Discussion: Installation in the future?</i> | |
| 19:00 - 19:15 | Seminar closure | |
| 19:15 - 21:00 | Dinner and net-working | |

Getting to DONG Energy

Address:
DONG Energy
Nesa Allé 1
2820 Gentofte
Denmark

Parking can be difficult. Please consider public transportation to for example Jægersborg station near by.

A guide to get from Jægersborg Station nearby is shown below:



Follow Ørnegårdsvej towards the highway.

- Turn right along the highway (Lyngbyvej).
- Take the stairs down on your right, cross under the highway (turning right).
- Take the stairs up on your right, turn right along the highway (Lyngbyvej) again.
- Turn right at Lagergårdsvej and left at Nesa Allé to find the reception straight ahead.

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