

MARINET2

04 July 2018

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2-day Course on Remote Sensing of Offshore wind conditions

Day 1:

09:30-10:00 Welcome and Introduction (Peter Hauge /Hans Ejsing Jørgensen)

10:00-11:00 Offshore wind power (Charlotte Hasager)

11:00-12:00 Introduction to offshore wind power meteorology (Alfredo Peña)

12:00-13:00 Lunch break

13:00-14:00 Visit to the wind turbines

14:00-15:00 Offshore wakes (Gunner Larsen)

15:00-16:00 Introduction to various remote sensing instruments (Torben Mikkelsen)

16:00-17:00 Lillgrund experiment plan (Torben Mikkelsen)

17:00-18:00 Ice breaker

Day 2:

09:00-10:00 Introduction to lidar experiments (Jakob Mann)

10:00-11:00 Lidars in wind and wave tunnels (Mikael Sjöholm)

11:00-12:00 Visit to the wind tunnel and large-scale facility

12:00-13:00 Lunch Break

13:00-14:00 How to design an experiment (Nikola Vasiljevic)

14:00-15:00 Satellites for wind energy (Merete Badger, Ioanna Karagali)

15:00-16:00 Wrap-Up

Day 3: Visit Middelgrunden offshore wind farm

Dates: October 1st-3rd 2018

DTU Wind Energy, Risø Campus

Neils Bohr Auditorium