

COMWIND

1. Meeting in the DSF Flow Center Advisory Board,
Department of Mechanical Engineering, DTU the 3th February 2011.

Participants:

- Jens N. Sørensen (JNS), DTU, MEK; Manager of DSF flow center and responsible for Task 2 & 3.
- Henrik Carlsen (HC), DTU; manager of MEK and member of the Advisory Board.
- Kenneth Thomsen (KT), Siemens WP and member of the Advisory Board.
- Jesper Madsen (JM), LM Windpower and member of the Advisory Board.
- Niels N. Sørensen (NNS), Risø-DTU, responsible for Task 1.
- Jakob Mann (JM), Risø-DTU, responsible for Task 4 & 5.
- Kurt S. Hansen (KSH), DTU MEK, co-manager

Absent:

- Peter Hauge Madsen (PHM), Risø-DTU member of the Advisory Board
- Rebecca Barthelmie (RB), Indiana University, member of Advisory Board
- Line Gulstad (LG), Vestas Wind System, member of the Advisory Board

Agenda

1. Welcome and introduction the participants / JNS
2. Introduction the DSF flow center / JNS
Status
3. Rotor aerodynamics /NNS
4. Wakes and wind farm aerodynamics / JNS
5. Siting and atmospheric physics / JM
Activities in 2011
6. Rotor aerodynamics /NNS
7. Wakes and wind farm aerodynamics /JNS
8. Siting and atmospheric physics / JM
9. General discussion
10. Misc. And next meeting
11. Lunch

All presentations will be uploaded to the DSF Flow center homepage.

Ad. 1

- No contact has been established to LG or Vestas.
- The advisory board chairman will be coordinated with PHM afterwards.

Ad. 2

- JNS demonstrated the flow center homepage (www.comwind.mek.dtu.dk) prepared by KSH.
- KT asked for detailed information on the published articles and quarterly a list of recent publications will be forwarded to the advisory board members.
- Furthermore all publications will be available on a ftp-server with restricted access for all external partners.
- Deadline for the first year invoices from industrial partners is 20-2-2011.

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Ad. 3

-KT wants an investigation of the problematic load cases related to a parked rotor in high wind speeds combined with large angle of attack.

Ad.4

-Three Ph.D. students have been hired, partly funded by the flow center, names and topics are listed on the homepage (JNS).

Ad. 5

The EERA meeting in PT expressed a strong interest for establishing a field test in a complex double ridge area in PT. The equipment should include heavily instrumented masts, LiDARs and pressure sensors. Special interest from Vestas, Suzlon, NCAR a.o.(JM).

Ad. 6

- Two Ph.D. partly funded by the DSF Flow center are planned. They will be formulated during 2011 (NNS).

Ad.9

NNS expressed an interest for a visualization of the milestones associated to the different tasks – on the homepage and in the quarterly publication list.

Ad.10

-The Advisory Board meetings should be coordinated with the project meetings and held afterwards.

- The next meeting has not been scheduled.

- The persons listed above will receive a copy of the minutes.

Minutes by Kurt S. Hansen

28-2-2011/ksh