

IPID4all Senior Research Exchange with École des Ponts ParisTech

Feedback report

Your first name, last name, degree title

Matthias Wächter, Dr.

Home research group + address

Turbulence, Wind Energy & Stochastics Group TWiSt
ForWind, Institute of Physics, Carl von Ossietzky
Universität, 26111 Oldenburg

Home supervisor(s)

Joachim Peinke, Prof. Dr.

Exchange period

16.-20.11.2015

Exchange topic

Scientific cooperation, possible EU project proposal,
student exchange

Host university

École des Ponts ParisTech

Host research group + address

Hydrology, Meteorology and Complexity (HM&Co)
6-8 avenue B. Pascal, Cité Descartes
77455 Marne-la-Vallée cedex 02 France

Host supervisor:

Daniel Schertzer, Prof. Dr.

Activities / Contacts

At the host university, scientific cooperation was discussed mainly in the light of a possible common EU project proposal. Especially a strategy was made up to develop a new proposal from the ideas of BOWMORE, which had not been recommended for a full proposal. Besides this, the exchange of different scientific ideas and interpretation of especially atmospheric wind was very fruitful.

During the visit the conference EWEA 2015 was attended. An oral presentation (see abstract and conference paper) attracted considerable interest of both scientists and industry. Valuable contacts to industry could be initiated, which are essential for further common research projects. Also extended and fruitful discussions with research partners took place, namely with members of DTU and Fraunhofer IWES, which are major institutes in wind energy research.

Future collaboration / Outlook

- o planned EU project based on ideas of BOWMORE
- o further exchange of master and PhD students between the groups is planned
- o contacts to industry as well as to research institutions were established with the perspective of future common research projects

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