

## Event location

Hannover Messe/Nord - Hall 2  
30521 Hannover  
Germany



## Contact

Institute for Steel Construction  
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## Partners



## Invitation

**Aeolus4Future:**  
Industry-outreach meeting

**Hannover Messe/Nord**  
Hall 2  
**April 23<sup>rd</sup>, 2018**  
13:00 to 18:00



## Invitation

Within the European innovative training network Aeolus4Future, an industry-out-reach meeting will take place at the Hannover Messe industrial fair on April 23<sup>rd</sup>, 2018, from 13:00 to 18:00. The researchers involved in the Aeolus4Future project will present the topics and results of their respective work. The meeting is organized by the Institute for Steel Construction from the Leibniz Universitaet Hannover.



## AEOLUS4FUTURE

Wind energy is considered one of the most promising renewable energy resources and energy generation technologies relying on wind energy are currently flourishing under the EU ambitious plan for 2020. The primary research aim of the project is to contribute to the development sustainable

needs. In the development of such systems there are a number of detailed scientific and technical issues that are addressed by the project, starting from identifying the wind energy potential (offshore and onshore, including the built environment) to the highly efficient and sustainable design. More details at:

<http://www.aeolus4future.eu>.



## The Hannover Messe

The Hannover Messe is one of world's leading industrial fairs. More detailed information about the Hannover Messe is given at the respective website.

Fair tickets are available at:

<http://www.hannovermesse.de>.

## Program Monday 23<sup>rd</sup> April 2018

### 13:00 Introduction to the Aeolus4Future project

- Prof. Ove Lagerqvist, Lulea TU
- Prof. Peter Schaumann, Leibniz Universitaet Hannover

### 13:30 Presentations - Part 1

- G. T. Ferraz "Fatigue analysis of tubular joints of support structures OWTs"
- G. Vita "New challenges for the aerodynamics of wind turbine. Modelling the effect of atmospheric turbulence"
- A. Glisic "Comparison of Integrated and Sequential design approach for FLS of a jacket OWT"
- M. Kovarbasic "Fatigue assessment of OWT support structures"

### 15:00 Coffee break

### 15:30 Presentations - Part 2

- R. Moeini "Advanced condition monitoring of electrical systems in wind turbines"
- M. Shahmohammadi "Onshore WT installation with innovative erection mechanism"
- M. Ratkovac "Experiment-based model verification for the wind load identification at an existing wind turbine"

### 17:00 End of the session

- Prof. Peter Schaumann

### 18:00 Night of innovations at Hannover Messe with reception