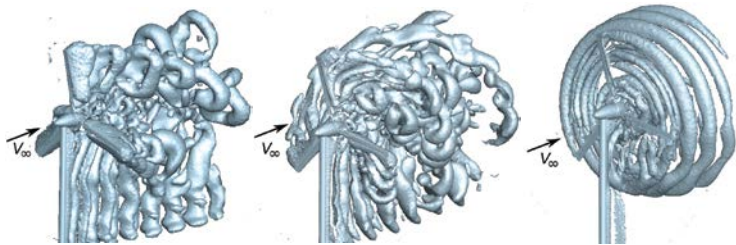


Workshop on Aeroelasticity and Wind-Turbine Dynamics

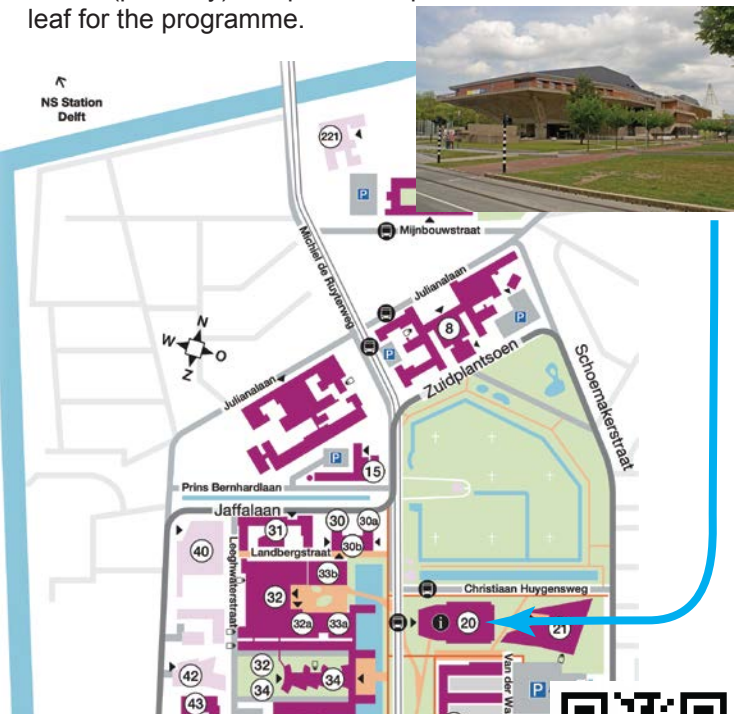
5th December 2018

Aula Conference Center, TU Delft

In connection with the PhD defense of Rakesh Sarma



A workshop on wind-energy and fluid-structure interaction, from a (primarily) computational point-of-view. See over-leaf for the programme.



Contact:

dr. Richard Dwight <r.p.dwight@tudelft.nl>

Registration:

until 1st December at <https://goo.gl/jUdvnN>



Programme 5th December 2018

Morning Senaatzaal, Aula

9:30

Rakesh Sarma

Lay presentation: Reconstruction and Reduction of Uncertainties in Aeroelastic Systems

10:00

Rakesh Sarma & Committee

PhD defense Rakesh Sarma

12:00

-- Lunch --

Afternoon Committee room #3, Aula

13:15

prof.dr. Morten Hansen

Uni. Southern Denmark

Modal dynamics of two- and three-bladed wind turbines – what is the difference?

13:45

dr. Simao Marques

Uni. Surrey

Reduced-order models for aeroelastic analysis and optimisation

14:15

prof.dr. Weiwei Zhang

NWPU, Xi'an

Frequency Lock-in Phenomena of Structures in Separated Flow

14:45

-- Coffee break --

15:00

prof.dr.ir. Jan-Willem van Wingerden

TU Delft

Closed-loop wind farm control

15:30

dr.ir. Axelle Vire

TU Delft

High-order methods for the simulation of wind turbine wakes and fluid-structure interaction

16:00

-- End, drinks and snacks --
