

Lecture Series Windenergy: Offshore Megastructures

A lecture series on the topic of offshore wind turbines will be held in the winter semester 2021/22 as part of the Collaborative Research Center 1463. It takes place **at Nienburger Straße 1–4, Hannover, Room A104**.

Please note: Anyone accessing LUH buildings must comply with the 3G rule.

Lecture	Date	Lecturers	Title
1	27.10.2021 14:00 – 15:30	R. Rolfes	Aeroelastic Modelling: An Introduction
2	03.11.2021 14:00 – 15:30	M. Beer	Epistemic uncertainty
3	10.11.2021 14:00 – 15:30	T. Schlurmann / I. Neuweiler	Drivers and processes of fluid-structure-seafloor interactions - Scour and scour protection of offshore structures
4	17.11.2021 14:00 – 15:30	B. Schmidt / A. Hildebrandt	Stochastic modelling of environmental conditions
5	24.11.2021 14:00 – 15:30	T. Grießmann / C. Hübler	Structural Health Monitoring
6	01.12.2021 14:00 – 15:30	C. Balzani / C. Hühne	Challenges in the structural design of wind turbine rotor blades
7	08.12.2021 14:00 – 15:30	M. Steinbach	Principal geometric analysis on the sphere and on the orthogonal group
8	15.12.2021 14:00 – 15:30	J. Seume	Modelling of dynamic flow separation on large offshore wind turbines
9	22.12.2021 14:00 – 15:30	M. Kühn	Site-specific adaptation and system integration aspects of wind turbine characteristics
10	12.01.2022 14:00 – 15:30	M. Achmus	Bearing behavior of monopile foundations for offshore wind energy structures
11	19.01.2022 14:00 – 15:30	M. Wächter / J. Peinke	Impact of turbulent fine structures on wind turbines
12	26.01.2022 14:00 – 15:30	S. Marx / E. Ntoutsis	N.N.