

MUSEN

Center for **Mechanics**,
Uncertainty and **Simulation** in
Engineering

Veranstalter:
MUSEN
Technische Universität
Braunschweig
Pockelsstraße 3
38106 Braunschweig



Kolloquium

im Wintersemester 2019/20

Ort: Okerhochhaus, Seminarraum EG,
Pockelsstraße 3, 38106 Braunschweig

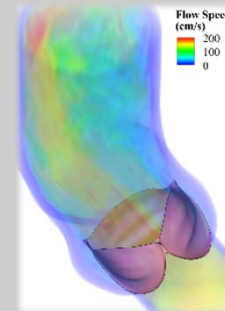
Zeit: 16.45 bis 18.00 Uhr

Donnerstag, 24. Oktober 2019

**Isogeometric Analysis: Advanced Modeling
and Applications with a Special Focus on
Shells and Laminates**

Prof. Dr. Alessandro Reali

University of Pavia
Department of Civil Engineering
and Architecture

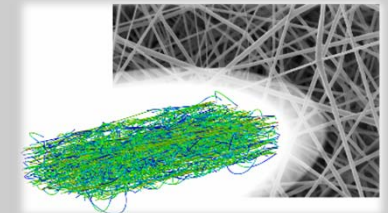


Donnerstag, 7. November 2019

**Experimental and Modelling
Insights into the Mechanics
of Random Fibre Networks**

Dr.-Ing. Alexander Ehret

ETH Zürich
Department of
Mechanical and
Process Engineering

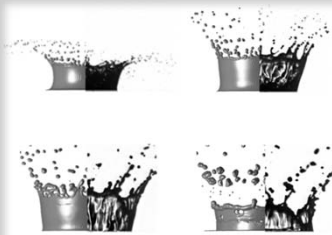


Donnerstag, 5. Dezember 2019

**Direct Numerical Simulation (DNS) of Drop
Dynamics**

Prof. Dr.-Ing. habil. Bernhard Weigand

University of Stuttgart
Institute of Aerospace
Thermodynamics

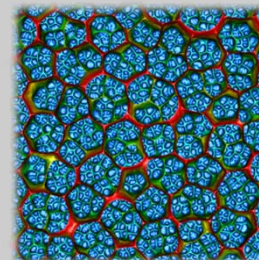


Donnerstag, 16. Januar 2020

**Crack nucleation and propagation in
variational models of fracture**

Prof. Dr. Corrado Maurini

Sorbonne Université Paris
Institute
Jean Le Rond d'Alembert



Donnerstag, 30. Januar 2019

**Machine Learning & Computational
Mechanics: The Natural Next Step**

Prof. Dr.-Ing. Christian Cyron

TU Hamburg
Institute of Continuum and
Materials Mechanics

