

MUSEN

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

Veranstalter:
MUSEN
Technische Universität
Braunschweig
Pockelsstraße 3
38106 Braunschweig



Kolloquium

im Wintersemester 2018/
2019

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

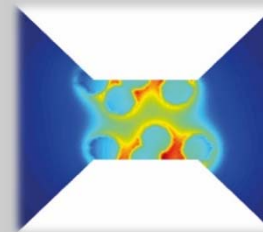
Zeit: 16.45 bis 18.00 Uhr

Donnerstag, 08. November 2018

**Structure-preserving Numerical
Schemes for Nonlinear
Evolution Equations**

Prof. Dr. Ansgar Jüngel

TU Wien
Institute of Analysis
and Scientific
Computing

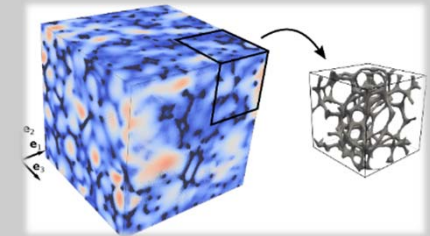


Donnerstag, 29. November 2018

**From Micro- to Macroscopical
Characterization of Porous Media:
Experiments, Homogenization and
Numerics**

Prof. Dr.-Ing. Holger Steeb

University
of Stuttgart
Institute
of Mechanics

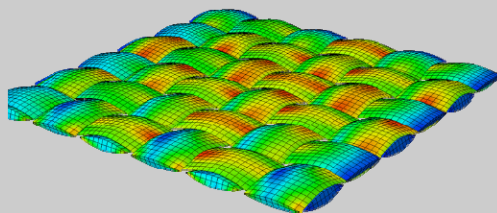


Donnerstag, 13. Dezember 2018

**Process Modeling for Fibrous
Materials and Textiles**

Stefan Hessler

RWTH Aachen University
Institute of Textile Technology and Chair for Textile
Machinery



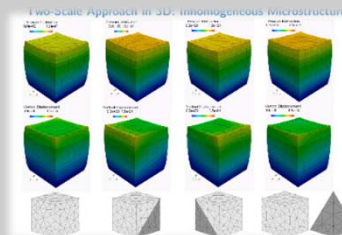
Donnerstag, 17. Januar 2019

**Multiscale Simulation of Multiphase
Materials**

Prof. Dr.-Ing. Tim Ricken

University of Stuttgart
Institute of Statics and Dynamics of Aerospace
Structures

FÄLLT AUS



Donnerstag, 31. Januar 2019

**Data-driven Methods for Simulating
and Controlling Fluids**

Dr. Barbara Solenthaler

ETH Zurich
Computer Graphics Laboratory

