

I³MS Seminars Winter 2017/2018

Institute for Modeling and Simulation

Mondays 4pm at Graduate School AICES, 1st floor, room 115 Rogowski Building, Schinkelstraße 2, 52062 Aachen

16.10.2017



Prof. Dr. Juan Miguel Nóbrega

Department of Polymer Engineering, University of Minho, Portugal
Computational Rheology and Polymer Processing at the University of Minho

23.10.2017



Prof. Dr. Francisco Chinesta

Department of Computational Mechanics, École Centrale de Nantes, France
Hybrid-Twins: When Data-Driven Mechanics Joins Advanced Model Order Reduction to Define Real-Time Dynamic Data-Driven Application Systems

30.10.2017



Dr. Sebastien Boyaval

Laboratoire d'hydraulique Saint-Venant, École des Ponts ParisTech, France
Modelling Micro-Structured Flows : Recent Results, and Application to Viscoelastic Fluids

06.11.2017



Prof. Dr. Mikael Mortensen

Department of Mathematics, University of Oslo, Norway
Automating the Spectral Galerkin Method - High Performance Computing in Python

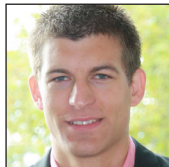
13.11.2017



Prof. Dr. Matthias Möller

Department of Applied Mathematics, Delft University of Technology, The Netherlands
Isogeometric Analysis for Compressible Flow Problems in Industrial Applications

20.11.2017



Dr. Lutz Pauli

Computational Analysis of Technical Systems, RWTH Aachen University
Stabilized Finite Element Methods for Computational Design of Blood-Handling Devices

27.11.2017



Prof. Dr. Matthieu Verstraete

QMAT CESAM Research Unit, Department of Physics, Université de Liege, Belgium
Ab Initio Phonon Limited Transport

11.12.2017



Prof. Dr. Shakti Gupta

Department of Mechanical Engineering, Indian Institute of Technology Kanpur, India
Carbon Nanostructures: Molecular Simulations, Continuum Models and Some Related Issues

18.12.2017



CHARLEMAGNE DISTINGUISHED LECTURE - takes place in SuperC, 6th Floor, Generali Room, 3 pm - 4 pm

Prof. Dr. Daniel Cremers

Department of Computer Science and Mathematics, Technical University of Munich
Novel Algorithms for 3D Computer Vision

08.01.2018



Prof. Dr. Luca Dedé

Department of Mathematics, Politecnico di Milano, Italy
Isogeometric Analysis of High Order, Surface, and Geometric Partial Differential Equations with Applications

22.01.2018



Prof. Dr. Josef Kiendl

Department of Marine Technology, Norwegian University of Science and Technology, Norway
Isogeometric Methods in Structural Analysis