DFG

M!P Modern Inverse Problems | AICES Aachen Institute for Advanced Study in Computational Engineering Science | RWTH AACHEN UNIVERSITY

SSD Seminar Series Winter 2019

School for Simulation and Data Science (SSD)

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

14.10.2019

Prof. Youssef Marzouk, Ph.D.
Department of Aeronautics and Astronautics, Massachusetts Institute of Technology, USA
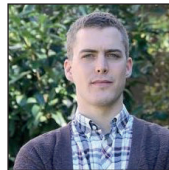Transport Methods for Sampling: Preconditioning and Low-dimensional Structure

21.10.2019

Prof. Dr. Philippe Renard
Centre d'Hydrogéologie et de Géothermie, University of Neuchâtel, France
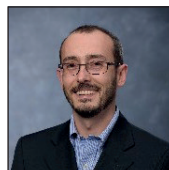Stochastic Modeling of Karstic Systems

11.11.2019

Dr. Brendan Keith
Chair for Numerical Mathematics, Technical University of Munich
The Surrogate Matrix Methodology: Low-cost Assembly for Isogeometric Analysis

18.11.2019

Prof. Paolo Zunino, Ph.D.
Department of Mathematics - MOX, Politecnico di Milano, Italy
Mixed-dimensional PDEs, Derivation, Analysis, Approximation and Applications

25.11.2019

Prof. Dr. Hakon Hoel
Department of Mathematics, RWTH Aachen University
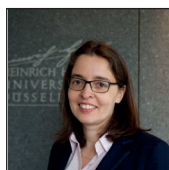Multilevel Monte Carlo Methods for Data Assimilation

02.12.2019

Prof. Dr. Andrea Benigni
Institute of Energy and Climate Research, Forschungszentrum Jülich
Energy Systems Simulation: Challenges and Solutions

09.12.2019

Prof. Dr. Christiane Helzel
Institute of Mathematics, Heinrich-Heine-University Düsseldorf
A Third Order Accurate Wave Propagation Algorithm for Hyperbolic Partial Differential Equations

13.01.2020

Prof. Dr. Heinz Pettermann
Institute of Lightweight Design and Structural Biomechanics, Vienna University of Technology, Austria
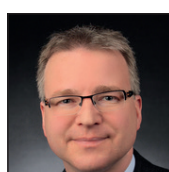Modeling and Simulation of Composite Materials and Components

20.01.2020

Prof. Djordje Peric, Ph.D.
College of Engineering, Swansea University, Great Britain
On Computational Strategies for Fluid-Structure Interaction: Concepts, Algorithms and Applications

27.01.2020

Prof. Dr. Oliver Stein
Institute for Operations Research, Karlsruhe Institute of Technology
On Pessimistic Bilevel Optimization

31.01.2020

CHARLEMAGNE DISTINGUISHED LECTURE - takes place in Heizkraftwerk (Toaster), Hörsaal 1132|603 - HKW5, from 3 pm - 4 pm
Prof. Anthony T. Patera, Ph.D.
Ford Professor of Engineering and Professor of Mechanical Engineering
Department of Mechanical Engineering, Massachusetts Institute of Technology, USA
Parametrized Partial Differential Equations: Mathematical Models, Computational Methods, and Applications