22 to 24 February 2017
German National Library of Science and Technology (TIB)
Welfengarten 1 B
30167 Hannover

Scientific Board
Michael Hintermüller (WIAS)
Volker John (WIAS)
Peter Löwe (TIB)

Participants
The workshop is intended for Leibniz institutions

Information and Registration
www.wias-berlin.de/workshops/MMSDays17/

Deadline
Please register and submit your contributions by 18 December 2016

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The Leibniz Network “Mathematical Modeling and Simulation” welcomes you to the second Leibniz MMS Days.

The Workshop aims to further develop the MMS networking activities in the different Institutes, presenting undergoing work using modern methods of MMS and creating a platform for discussion.

In order to account for thematic diversity, the workshop will comprise both general plenary discussions on:
- MMS related topics at large
- Open Access (Data, Software, Publications)
- Software Law
- and smaller groups focussed on the scientific topics:
- Computational & Geophysical Fluid Dynamics
- Inverse Problems
- Statistical Data Analysis

Key note speakers
- Peter Maaß (University of Bremen): An introduction to inverse problems with applications in imaging
- Klaus-Robert Müller (TU Berlin): Machine learning and applications
- Stefan Turek (TU Dortmund): “Extreme Fluids” – Examples, challenges and numerical techniques for flow problems with complex rheological behaviour

Estimated local noise parameter for a slice of a diffusion-weighted magnetic resonance imaging acquisition (WIAS).