

1st Leibniz MMS Days

27 to 29 January 2016

WIAS Berlin
Mohrenstr. 39
10117 Berlin

Scientific board

Volker John
Wolfgang König
Alexander Mielke

Participants

The workshop is intended for Leibniz Institutions

Registration

www.wias-berlin.de/MMSDays16-reg

Deadline

Please register and submit your contributions by 25 October 2015

Contact:

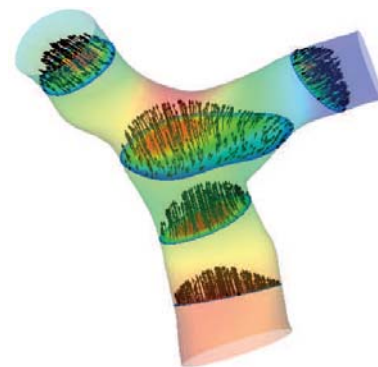
Ana Teresa Monteiro Tomás
mmsdays2016@wias-berlin.de

The first **Leibniz MMS Days** is an activity of the Leibniz Network "Mathematical Modeling and Simulation". It will bring together institutions in varied fields from natural to social sciences. The goal is to systematically exploit the potential of modern methods of MMS and create synergy effects.

In order to account for thematic diversity, the workshop will comprise both general plenary discussions and smaller groups focussed on specific themes.

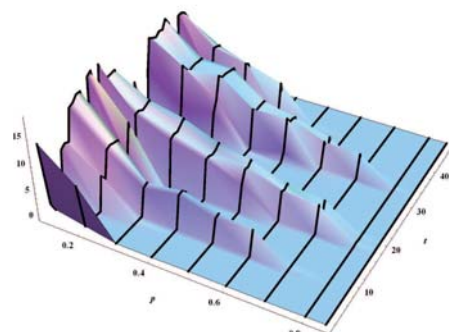
Key note speakers:

- Rupert Klein (FU Berlin)
„How Math Helps Structuring Climate Discussions“
- Konrad Polthier (FU Berlin)
„Discrete Mathematics for Geometry Processing“



Top: Fast computational simulation of the blood flow in the pulmonary arteries

Bottom: Numerical results for optimal water release in hydro/wind coupling: day-ahead sale for different safety levels



(Simulations: WIAS)



Weierstrass Institute for
Applied Analysis and Stochastics

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