

Numerical techniques in MHD simulations

August 16-18, 2017

University of Cologne, Germany

Speakers:

Michael Dumbser (University of Trento, Italy)

Gabor Toth (University of Michigan, USA)

Rony Keppens (KU Leuven, Belgium)

Christian Klingenberg (University of Würzburg, Germany)

Helen Yee (NASA Ames Research Center, USA)

Scientific Organizing Committee

Gregor Gassner
Mathematical Institute,
Cologne, Germany

Joachim Saur
Institute of Geophysics & Meteorology,
Cologne, Germany

Stefanie Walch-Gassner
Theoretical Astrophysics,
Cologne, Germany

Gabor Toth
Department of Climate and Space,
Michigan, USA

Stefaan Poedts
Centre for Mathematical Plasma Astrophysics,
Leuven, Belgium

The international conference on MHD Simulation is hosted by the *Competence Area 3: Quantitative Modeling of Complex Systems of the University of Cologne, Germany*. The conference focuses on numerical techniques to model the complex physics of astrophysical and geophysical plasma flows. The aim is to bring together researchers of several fields, such as applied mathematics, computer science, space science and astrophysics, in order to foster interdisciplinary discussions and to stimulate potential future collaborations.

