

Einladung zum Würzburger Mathematischen Kolloquium

Julius-Maximilians-Universität Würzburg • Fakultät für Mathematik und Informatik

Michael Dumbser

Università di Trento, Italien

High Order schemes for hyperbolic conservation laws

Mittwoch, 11. April 2018 • 16:15 Uhr

Raum SE 40, Mathematik Ost, Emil-Fischer-Str. 40, Campus Hubland-Nord

Inhaltsangabe:

For solving time-dependent convection-dominated partial differential equations (PDEs), which arise frequently in computational physics, high order numerical methods, including finite difference, finite volume, finite element and spectral methods, have been undergoing rapid developments over the past decades. In this lecture we give a brief overview and describe our contributions.

We will discuss new high order schemes on unstructured tetrahedral meshes that are applicable to a rather general class of problems in general geometries, thus opening a wide range of possible applications in science and engineering.



www.mathematik.uni-wuerzburg.de/kolloquium/

Zu diesem Vortrag laden wir Sie herzlich ein.
Im Anschluss an den Vortrag stehen Kaffee und Tee im Foyer vor dem SE 40 bereit.



Die Dozentinnen und Dozenten der Mathematik