

## **Hauptvorträge**

**Günter Brenn**, TU Graz

Viscoelastic polymer solutions in elongational flow

**Charlie Elliott** , University of Warwick

Computational surface and interface partial differential equations

**Samuel Forest**, Mines ParisTech

Mechanics of generalized continua and heterogenous materials

**Gilles Francfort**, Université Paris 13

Recent developments in brittle fracture: the variational viewpoint and what it implies

**Martin Hairer**, Courant Institute, New York University

Multiscale structure and singular perturbation of stochastic PDEs

**Dierk Raabe**, MPI Düsseldorf

Multiscale modelling of crystal mechanics using ab initio and continuum methods

**Ingo Rehberg**, Universität Bayreuth

Snooping in the sand

**Reinhold Schneider**, TU Berlin

Computation of the electronic structure

**Abdrew Teel**, UC Santa Barbara

Hybrid dynamical systems: robust stability and control

**Christiane Tretter**, Universität Bern

Spectral theory of block operator matrices and applications

## **Öffentlicher Vortrag**

**Bernd Kawohl**, Universität Köln

Von Knöpfen und Kugeln, die nicht wegrollen können

## **Ludwig-Prandtl-Gedächtnisvorlesung**

**Wolfgang Nitsche**, TU Berlin

"Der Widerspenstigen Zähmung": aktive Kontrolle wandgebundener Strömungen