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Nuri Aksel, Universität Bayreuth
Creeping Flows: Applications and Phenomena

Hartmut Bremer, Universität Linz
Elastic Robots

Carsten Carstensen, Technische Universität Wien
On the History and the Future of Averaging Methods in the Finite Element Analysis

Bernardo Cockburn, University of Minnesota, Minneapolis, U.S.A.
Discontinuous Finite Element Methods

Brian Davies, King's College, London, U.K.
Spectral Theory of Eigenvalue Problems and Applications

Gero Friesecke, University of Warwick, U.K.
Transition from Atomistic to Continuum Modelling of Elastic Crystals

Lynn F. Gladden, University of Cambridge, U.K.
Magnetic Resonance Tomography in the Diagnosis of Fluid Flows

Leonhard Kleiser, ETH Zürich
Numerical Simulation of Turbulent Flows

Karl Kunisch, Karl-Franzens-Universität Graz R. Klein
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Kurt Marti, Universität der Bundeswehr München
Stochastic Optimization Methods in Optimal Engineering Design under Stochastic Uncertainty

Gérard A. Maugin, Université Pierre et Marie Curie, Paris
Geometry and Thermomechanics of Structural Rearrangements: Ekkehart Kroener's Legacy

Rolf H. Möhring, Technische Universität Berlin
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Michael Ortiz, California Institute of Technology, Pasadena, U.S.A.
Continuum / Atomistic FE-Simulations of Solids

Luc Vervisch, CNRS-Université et INSA de Rouen, France
Challenges in Partially Premixed Combustion Modelling

Ludwig-Prandtl- Gedächtnisvorlesung

Prof. Dr. G.E.A. Meier, DLR Göttingen
Experimente der Strömungsmechanik

Öffentlicher Vortrag

**Wolfgang Seiler, Fraunhofer-Institut für Atmosphärische Klimaforschung,
Garmisch-Partenkirchen**

Wann wird es endlich wieder Sommer? Globale und regionale Klimaforschung