APPLIED ANALYSIS FOR MATERIALS

AUGUST 25 – SEPTEMBER 5, 2014

SPEAKERS

Uwe Bandelow
Basic equations of classical soliton theory:
solutions and applications

Dietmar Hömberg
Optimal control and shape design problems
in thermomechanics

Dorothee Knees
Evolutionary variational inequalities in
the context of inelastic solids

Christiane Kraus
Phase field systems for phase separation
and damage processes

Claude Le Bris
Nonperiodic homogenization of elliptic equations:
stochastic and deterministic approaches

Alexander Mielke
Multiscale modeling and evolutionary
Gamma-convergence for gradient flows

Christoph Ortner
Atomistic/Continuum Multiscale Methods

Mark A. Peletier
Stochastic origins of energies
and gradient flows: a modelling guide

Berlin Mathematical School

WIAS

MASDOC
Mathematics and Statistics Centre for Doctoral Training

REGISTRATION AND FUNDING REQUESTS
www.math-berlin.de/academics/summer-schools

SUPPORTED BY EPSRC AT THE UNIVERSITY OF WARWICK WITHIN THE MASDOC-PROGRAMME AND BY DFG VIA BMS.