

SAMM 2015

September 07 – 11, 2015, Stuttgart

Materials with Discontinuities

Venue: Pfaffenwaldring 57, 70569 Stuttgart, Germany

<http://www.wias-berlin.de/workshops/SAMM2015>

samm2015@wias-berlin.de

The SAMM 2015 is devoted to the modeling, analysis, and simulation of materials with discontinuities caused by dissipative processes such as phase transition or separation processes, plastification, damage, and fracture. The school will give an overview on thermodynamical modeling, mathematical solution concepts, and numerical schemes for dissipative processes, minimization problems for functions of bounded variation, and phase field models.

Organizers:

Marita Thomas (WIAS Berlin)

Jan Giesselmann (U Stuttgart)

Lecturers:

Helmut Abels (U Regensburg):

Analysis of phase field models and their sharp interface limits

Sören Bartels (U Freiburg):

Numerical analysis and simulation of non-smooth problems

Dorothee Knees (U Kassel):

Analysis for damage and fracture models: solution concepts

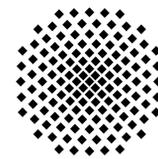
Christian Miehe (U Stuttgart):

Modeling and simulation of dissipative processes in solids

Poster session on September 08, 2015

Registration & submission of posters via:

<http://www.wias-berlin.de/workshops/SAMM2015>



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Dr. Klaus Körper Stiftung



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