

International Workshop Multiscale Models in Mechano and Tumor Biology: Modeling, Homogenization, and Applications

September 28 – 30, 2015

Technische Universität Darmstadt, Darmstadt, Germany

Topics

- *Multiscale modeling of hierarchical biological materials*
- *Innovative homogenization techniques for multiscale models*
- *Numerical challenges and methods in the simulation of multiscale models*

Invited Speakers

Alfio Grillo, Politecnico di Torino, Italy

Quentin Grimal, Laboratoire d'Imagerie Biomédicale, UPMC Paris, France

Alessandro Musesti, Università Cattolica del Sacro Cuore di Brescia, Italy

Raimondo Penta, Technische Universität Darmstadt, Germany

Kay Raum, Charité - Universitätsmedizin Berlin, Germany

Rebecca Shipley, University College London, UK

Organizers

A. Gerisch · R. Penta · J. Lang

Technische Universität Darmstadt

Department of Mathematics

Numerical Analysis and Scientific Computing

500 μm Image adapted from
K. Raum, IEEE UFFC (55), 2008

Information and Abstract Submission now at
<http://num.mathematik.tu-darmstadt.de/M3TB/>