

ADVANCES IN THE MATHEMATICAL ANALYSIS OF MATERIAL DEFECTS IN ELASTIC SOLIDS

This workshop will focus on the mathematical analysis of dislocations, plasticity, damage, and fracture. The most recent results on these subjects will be discussed combining different expertise and perspectives.

WHEN

June 6-10, 2016

WHERE

SISSA

Via Bonomea, 265
Trieste (Italy)

Aula Magna "P. Budinich"

INFO

people.sissa.it/~morandot/ercworkshop2016

**INVITED SPEAKERS**

Amit Acharya (Carnegie Mellon University)
Irene Arias (Universitat Politècnica de Catalunya)
Marino Arroyo (Universitat Politècnica de Catalunya)
Blaise Bourdin (Louisiana State University)
Andrea Braides (Università di Roma "Tor Vergata")
Vasily V. Bulatov (Lawrence Livermore National Laboratories)
Antonin Chambolle (École Polytechnique, Palaiseau)
Marco Cicalese (Technische Universität München)
Sergio Conti (Universität Bonn)
Gilles Francfort (Université Paris-Nord)
Marc G. D. Geers (Technische Universiteit Eindhoven)
Klaus Hackl (Ruhr-Universität Bochum)

Christopher J. Larsen (Worcester Polytechnic Institute)
Claude Le Bris (Ecole Nationale des Ponts et Chaussées)
Jean-Jacques Marigo (École Polytechnique, Palaiseau)
Bob McMeeking (University of California Santa Barbara)
Alexander Mielke (WIAS Berlin)
Alexander B. Movchan (University of Liverpool)
Michael Ortiz (CalTech)
***Mark A. Peletier** (Technische Universiteit Eindhoven)
Krishnaswamy Ravi-Chandar (University of Texas at Austin)
Giuseppe Savaré (Università di Pavia)
Jay R. Walton (Texas A&M University)
John Willis (University of Cambridge)

* to be confirmed

ORGANIZERS

Gianni Dal Maso, Antonio DeSimone, Marco Morandotti (SISSA)

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