

Program of the Meeting in Honour of Professor Cesare Davini

Friday, February 25th 2011 – Palazzo Antonini, Sala Gusmani

14:15 – 14:45 Opening

- 14:45 – 15:15 P. Podio-Guidugli, Università di Roma "Tor Vergata"
Second-gradient materials: contact interactions, stress measures, and aggregation states
- 15:15 – 15:45 J.T. Jenkins, Cornell University
Particle-Phase Stress in a Dense Suspension
- 15:45 – 16:15 M. Angelillo, Università di Salerno
The Lumped Stress Method and the equilibrium of masonry structures
- 16:15 – 16:45 Coffee break**
- 16:45 – 17:15 C.-S. Man, University of Kentucky
Irreducible Basis Tensors and Constitutive Equation of Textured Elastic Polycrystals
- 17:15 – 17:45 G.P. Parry, University of Nottingham
Reconciliation of local and global symmetries for a class of crystals with defects
- 17:45 – 18:15 M. Pitteri, Università di Padova
On the fcc-fct phase transformation in InTi alloys
- 18:15 – 18:35 R. Paroni, Università di Sassari
An existence theorem for inextensible nets with slack
- 20:00 – Social dinner**

Saturday, February 26th 2011 – Palazzo Antonini, Sala Gusmani

- 9:00 – 9:30 M. Šilhavý, Academy of Sciences of the Czech Republic
The effective energy in the Allen-Cahn model with deformation
- 9:30 – 10:00 F. Vestroni, Università di Roma "La Sapienza"
Nonlinear dynamics of piecewise smooth systems and damage identification
- 10:00 – 10:20 A. Morassi, Università di Udine
Inverse problems for elastic plates
- 10:20 – 11:00 Coffee break**
- 11:00 – 11:30 A. Di Carlo, Università Roma Tre
Ponderings and musings on discrete exterior calculus
- 11:30 – 12:00 M. Jabbour, University of Kentucky
Is step-flow epitaxy ever stable?
- 12:00 – 12:30 L. Deseri, Università di Trento
TBA
- 12:30 – 12:50 E. Puntel, Università di Udine
Wrinkling of a stretched thin sheet
- 12:50 – Closure with toast**