

International Workshop
**MULTI-SCALE MODELING AND CHARACTERIZATION OF
INNOVATIVE MATERIALS AND STRUCTURES**

Cetara, Amalfi Coast - May 1-5, 2013

The Workshop is focused on the interdisciplinary field of material design and modeling at different length and time scales with emphasis on innovative materials, meta-materials and structures.

The main objective of the meeting is to bring together researchers working on the leading edge of applied mechanics, materials science, engineering and physics to further our understanding of the behavior these materials, which may range from the atomic to macroscopic scales. Abstracts related, but not limited, to the following areas are welcome:

- Discrete to continuum variational methods for materials and structures
- Dynamics of granular media, innovative composites, biocomposites and meta-materials
- Materials and systems for sustainable infrastructure
- Microstructure engineering and characterization

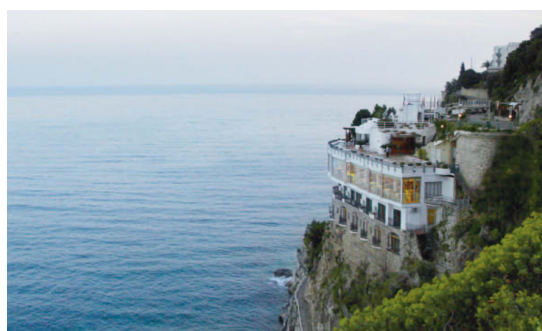
A special issue of *Mechanics Research Communications* will collect original, peer-reviewed contributions presented at the Workshop.

Potential Sponsors

- Italian Association of Theoretical and Applied Mechanics (AIMETA)
- Italian Association for Stress Analysis (AIAS)
- Department of Civil Engineering, University of Salerno
- Granular Science Laboratory, New Jersey Institute of Technology

Venue

The Workshop will be held at the Cetus Hotel (www.hotelcetus.com, see top-picture) located in a scenic venue of the amazing Amalfi Coast, near the fisherman's village of Cetara (Salerno, Italy, see bottom-picture). The hotel is equipped with 37 rooms, all with sea view, and may host up to 91 participants. Alternative accommodations are available at nearby hotels and bed and breakfast venues (city of Salerno, and villages of Vietri and Cetara).



Scientific Committee

Chairs: A. D. Rosato, Newark; F. Fraternali, Salerno

L. Ascione, K. Bhattacharya, D. Blackmore, L. Feo, A. Ferreira, N. Fleck, S. Nemat-Nasser, R. Skelton

Prospective Speakers

K. Bhattacharya, Pasadena, USA; D. Bigoni, Trento, Italy; T. Blesgen, Leipzig, Germany; B. Chiaia, Turin, Italy; F. Cirak, Cambridge, UK; C. Daraio, Zurich, Switzerland; G. Del Piero, Ferrara, Italy; T. Elsayed, Kaust, Saudi Arabia; A. Ferreira, Porto, Portugal; N. Fleck, Cambridge, UK; D. Kochmann, Pasadena, USA; C. Larsen, Worcester, USA; A. Lew, Stanford University, USA; C. Lorenz, London, UK; G. Marcelli, Canterbury, UK; M. Milanese, Turin, Italy; J. Mösler, Bochum, Germany; S. Nemat-Nasser, San Diego, USA; M. Ortiz, Pasadena, USA; A. Pandolfi, Milan, Italy; S. Pellegrino, Pasadena, USA; J. Rimoli, Atlanta, USA; M. Ruzzene, Atlanta, USA; G. Rega, Rome, Italy; C. Rodenburg, Sheffield, UK; D. Rittel, Haifa, Israel; E. Sacco, Cassino, Italy; B. Schmidt, Augsburg, Germany; R. Skelton, San Diego, USA; L. Stainier, Liège, Belgium; L. Truskinowsky, Paris, France; A. Vainchtein, Pittsburgh, USA; P. Zavattieri, Purdue, USA

Local Contacts

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