Institute of Earth Science Jaume Almera, Barcelona

First Circular
Meeting Announcement

Topo-Europe 2014
Interplay between surface, lithospheric, and mantle processes

Barcelona, September 17-19, 2014
(fieldtrip on 16th lead by Jaume Vergés)

The 2014 TOPO-EUROPE Meeting will be held in Barcelona at the *CosmoCaixa Museum of Science* located at the slope of the Tibidabo Mountain. This 3-day conference will focus on the links between topographic evolution, crustal and lithospheric mantle structures, and geodynamic processes occurring at various depth- and time-scales.
The conference will be multidisciplinary including participants from geodynamics, tectonics, seismology, sedimentology, geomorphology, oceanography, etc. Attendance is open but limited to a 100 participants, and contributions (mainly posters) will be welcome on all topics related to the evolution of the Earth's topography. Students' attendance will be stimulated and stimulating. A preliminary program and registration details will arrive soon and will be placed in this link.

Preliminary list of invited speakers:

Peter Decelles (U. Arizona, USA)
Taras Gerya (ETH, Zurich)
Lars Stixrude (UCL, London, UK)
Laurent Jolivet (UPMC, Paris)
Karin Sigloch (Oxford, UK)
Thorsten Becker (U. Southern Cal., USA)
Hitoshi Kawakatsu (Tokio)
Trond Torsvik (Oslo, Norway)
Hans Thybo (Copenhagen)
Peter Van der Beek (Grenoble)
François Roure (Paris)
Barbara Carrapa (U. Arizona, USA)
Francisco Sierro (U. Salamanca, Spain)
David Egholm (Aarhus univ., Denmark)
Oliver Korup (Potsdam)
François Roure (ILP, France)

Please, book your agendas. We are looking forward to see you in Barcelona.
The Program Committee,

Claudio Faccenna, University of Rome, Roma Tre, Rome, Italy
Daniel Garcia-Castellanos, ICTJA-CSIC, Barcelona, Spain
Sean Willett, Dept. of Earth Sciences, ETH, Zurich, Switzerland
Sierd Cloetingh, University of Utrecht, Utrecht, Netherlands
Niels Hovius, Potsdam University, Germany
Manuel Fernàndez, ICTJA-CSIC, Barcelona, Spain
Montserrat Torné, ICTJA-CSIC, Barcelona, Spain

Preliminary Program:

Session 1.- Resolving the deep Earth: The sublithospheric contribution to topography
Session 2.- Lithospheric dynamics shaping the surface of the Solid Earth
Session 3.- Paleotopography, sea level, and surface processes
Session 4.- Source-Sink: surface mass transport and the sedimentary basin record
Session 5.- Messinian salinity crisis: a natural laboratory for deep-surface interactions