

1st Announcement

3rd IAS International Summer School of Sedimentology 2009
Sedimentary Archives of Regional vs. Global Change:
Case Study of Neogene Basins of Southern Spain

The 3rd IAS International Summer School of Sedimentology 2009 for PhD students will be held southern Spain, near Granada and Almeria and near the famous Neogene Sorbas Basin. Here, young geologists can learn first-hand about carbonate and evaporite sedimentology, the origin of turbidites and various aspects of cyclo- and chemostratigraphy. The Neogene Basins of southern Spain offer a wealth of beautiful examples of basin evolution, evaporite formation during the time of the Messinian salinity crisis, marine clastic sediment infill histories and classic sections used to calibrate Neogene astrochronology. Three field days will allow participants to take full advantage of all these features, and more. Additionally, three days of lectures will address the general concepts of carbonate and evaporite sedimentation, turbidite sedimentology, cyclostratigraphy and astrochronology and C-isotope geochemistry and the carbon cycle. The Neogene basins will serve as case studies, where the impact of regional vs. global change on sedimentation will be discussed and proxies of global change will be compared with sedimentary signatures recording local environmental change.

When: 4 to –11 October 2009

Where: Carboneras (Almeria), Spain, Hotel El Dorado (<http://www.eldorado-carboneras.com>)

Lecturers include Juan Carlos Braga and Jose M. Martin (Universidad de Granada, Spain), Peter Haughton (University College Dublin, Ireland), Frits Hilgen (University of Utrecht, The Netherlands), Helmut Weissert & Judith A. McKenzie (ETH Zürich, Switzerland)

Topics to be addressed: Evaporites and carbonate sedimentology, tropical and temperate carbonates, cyclostratigraphy and astrochronology, carbon isotope geochemistry and the global carbon cycle, concepts of clastic sedimentology and turbidite sedimentology.

Who should apply: Doctoral students who are interested in aspects of carbonate or evaporite sedimentology, turbidite sedimentology and basin evolution, or in new tools in stratigraphy. Must be IAS student member! Up to 28 students will be accepted. Send application directly to IAS Secretary at <http://www.iasnet.org/>.

Application deadline: 7 May 2009, acceptance announced by 3 June 2009.

Costs: The costs are estimated to be 300 Euros/student, double room, full pension for 7 days and transfer to and from Malaga airport. Travel costs are not included, but students can apply for a travel grant directly to the IAS student grant scheme via IAS website once notification of acceptance has been received.