



ANNOUNCING

ECORD SUMMER SCHOOLS in 2015

The European Consortium for Ocean Research Drilling (ECORD) is offering once again the opportunity for young scientists to participate in two summer schools related to marine science research and ocean drilling.

ECORD - Urbino Summer School in Palaeoclimatology (USSP) – Past Global Change Reconstruction and Modelling Techniques

University of Urbino, Italy, **July 15- August 1, 2015**

The 12th summer school of the USSP consortium will focus on past climate dynamics with special emphasis on the analysis of the long-term carbon cycling and its implications in the understanding of present and future climates. USSP 2015 will integrate lectures, symposia, fieldtrips, and exercises on the many different areas of paleoclimatology including biogeochemical cycling, paleoceanography, continental systems, and all aspects of deep-time climate modeling. The goal is to provide participants with an advanced working knowledge on the paleobiological and geochemical proxy data and their use in reconstructing and modeling of past climates. USSP 2015 will be lead by ~25 prominent senior scientists from around the world and will be able to accommodate ~60 students (end-MSc or early career Graduate and post-Graduate).

Deadline for early-registration: April 15, 2015

Registration Fee (early registration): Students: 600 € - Academic /industrial staff: 1000 €

For more information please visit <http://www.urbinosp.it/> or contact simone.galeotti@uniurb.it

Bremen ECORD Summer School – Ocean crust processes: magma, faults, fluxes and life

MARUM, University of Bremen, Germany, **August 31- September 11, 2015**

Taking advantage of the unique and integrated facilities offered by the IODP Bremen Core Repository (BCR) and the MARUM Laboratories, this summer school will combine lab exercises on IODP-style shipboard methodologies ("virtual ship") as well as interactive lectures by world-leading scientists in the field of mid-ocean ridge research. Mid-ocean ridges are important Earth Connections, where much of the exchange of heat and matter between the lithosphere and the oceans takes place. The formation and structure of ocean crust and the rates and pathways of interaction with the oceans depend on spreading and magma supply rates. At slow-spreading ridges ocean core complexes are a major mode of crustal accretion, where upper mantle rocks are exhumed along long-lived, low-angle detachment faults. Serpentinization reactions in these environments support unique ecosystems in the deep-sea and within the crust.

Deadline for application: April 30, 2015

Registration Fee: 150 €

Travel, accommodation and meals must be covered by the participants.

For detailed information visit http://www.marum.de/en/ECORD_Summer_School_2015.html or contact jbueltgen@marum.de

Important: Applications for the ECORD Summer Schools should be made directly thorough the contact information above, not through the ESSAC office. Selection is made directly by the Summer School organizers and is based on application letters, CVs and support letters.