ECORD SUMMER SCHOOLS in 2016

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 15-29, 2016**

The 13th 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 2016 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. These techniques and systems will be explored through interactive discussions of Cretaceous OAEs, P/E hyperthermals, the Greenhouse-Icehouse transition, Neogene and Quaternary climate dynamics. The goal of USSP 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. USSP2016 will be lead by ~25 leading senior scientists from around the world and we will be able to accommodate ~60 students (end-MSc or early career Graduate and post- Graduate) based on their submitted CVs.

Deadline for early-registration: April 15, 2016
Registration Fee (early registration): Students: 700 € - Academic /industrial staff: 1100 €

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

Bremen ECORD Summer School – Submarine Geohazards: Mapping, Monitoring, and Modelling, Bremen, Germany

MARUM, University of Bremen, Germany, **September 5-16, 2016**

Submarine landslides and earthquakes as well as subsequent tsunamis are major geohazards that can pose significant risks to coastal populations and to seafloor infrastructures. Improving our understanding of when, where, and how slope failures and earthquakes occur as well as the assessment of their risk potential are among the most urgent and challenging tasks in Earth sciences. A combination of cutting–edge technologies, including geoscientific mapping, seafloor geodesy, long-term monitoring, sediment coring, and ocean drilling, is needed to gain deeper insights into the interactions among tectonic movements, rock/sediment physical properties, in situ stress, and transient pore pressure.
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 submarine geohazards.

Deadline for application: May 5, 2016
Registration Fee: 150 €
For detailed information visit http://www.marum.de/en/ECORD_Summer_School_2016.html or contact jbuelten@marum.de

ECORD Summer School: Petrophysics, Leicester, UK

University of Leicester, UK, **June 26-July 1, 2016**

Petrophysics is the study of the physical (and chemical) properties of rocks and fluids, and integrates downhole in situ data from logs with core and seismic data. Petrophysics has significant applications in the hydrocarbon industry in terms of both exploration for, and production of, oil and gas. An important component of the International Ocean Discovery Program (IODP), the interpretation of petrophysical data contributes to answering the diverse questions posed by ocean research drilling expeditions around the world. This first ECORD Summer School in Petrophysics will provide a unique workshop that will bring together experts from both academia and industry to give training in the theory and practice of petrophysics and, notably its applications across both IODP and industry.

Deadline for registration: April 1, 2016
Registration Fee: £100.

For more information please visit
http://www2.le.ac.uk/departments/geology/research/gbrg/projects/iodp/summerschool16
or contact epc@le.ac.uk

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.

For further information or questions please contact:

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Please note: The ESSAC Office will soon be moving to:

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