

Deep-Sea Sediments: From Stratigraphy to Age Models



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Bremen, Germany

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 and others ...

Venue:

MARUM - Center for
Marine Environmental
Sciences



with the



IODP Bremen
Core
Repository

Bremen, Germany

The Topic

Ocean sediment cores provide a powerful archive that enables us to reconstruct past environmental conditions including climate that are needed to understand Earth System processes on a wide range of scales in space and time. In this context, the temporal dimension of individual records, including issues like bio- and cyclostratigraphy, correlation among cores and assignment of absolute ages to sedimentary horizons is a key prerequisite for the interpretation of palaeoclimatic records.

The School

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 fields of stratigraphy and age modelling. Participation will prepare you for future involvement in IODP and for research work on the time scale of geological and palaeoclimatological processes. The summer school will take advantage of the unique and integrated facilities offered by the **IODP Bremen Core Repository** and the **MARUM laboratories**.

Registration

To apply, please send your application (Letter of motivation, CV, registration form and one letter of support, combined into a single PDF file) to Jutta Bülten in the GLOMAR office (jbuelten@marum.de). The registration form can be found on the webpage of the summer school (see below). A total of 30 participants can be accepted. The course fee is **€120**. Travel, accommodation and meals must be covered by the participants. The **application deadline** is **30 April 2013**.

Scholarships

ECORD provides scholarships for students to attend ECORD summer schools. Applications from students of non-ECORD countries are also accepted. The **deadline** for applications to get an **ECORD Scholarship** will be announced on the webpage of the summer school (see below).



http://www.marum.de/en/ECORD_Summer_School_2013.html