

ECORD/ICDP – MagellanPlus Workshop Series Program

Background

Scientific drilling and coring support large and influential geo- and bioscience communities as testified by, for example, the huge impact of the previous operations by the Deep Sea Drilling Project (DSDP), the Ocean Drilling Program (ODP), the current Integrated Ocean Drilling Program (IODP) and the International Continental Scientific Drilling Program (ICDP). Within these programmes, major contributions were made to determining the scientific drilling targets. This has led to groundbreaking discoveries and scientific advances, including: the mechanisms of plate tectonics and the accretion of the oceanic lithosphere, the existence of microbial communities in hostile high pressure and/or high temperature environments (deep biosphere), presence of gas hydrates, past climates including extreme and rapid climate variations, high resolution climate perturbations, faulting and volcanic processes, new models for continental break-up, passive margin evolution and collisional orogenesis, mechanisms of biogeochemical cycles, as well as models for the emplacement of mantle plumes and large igneous provinces .

In order to realize the full potential of European involvement pan-European scientific drilling, it is imperative that scientists continue to participate fully in the planning and execution of promising research. The Magellan⁺ Workshop Series Program is designed to support European and Canadian scientists in developing new and innovative science proposals for submission to IODP and ICDP. The Magellan⁺ Workshop Series Program will thus continue and expand the success of the terminating ESF Magellan program, through the integration of continental and marine drilling and coring to meet future challenges in Earth, Life and Environmental sciences.

Objectives and deliverables

The Magellan⁺ Workshop Series Program supports workshops that are expected to lead to high-quality, new and innovative science. A maximum of three workshops will be organized each year. The Magellan⁺ Workshop Series has two calls annually; deadlines are February 1st and July 1st. Proposals are reviewed by the Magellan⁺ Steering Committee (MSC), with the advice of external reviewers where applicable. Proponents will be notified of the outcome within two months following the submission deadline.

Proposals should include complete and realistic scripts for the proposed workshop, and a funded workshop must be executed within nine months after notification of funding. A typical workshop is expected to be take place over 2-4 days, and have 20-35 participants. The workshop should be located close to a convenient air and/or train hub and have relatively low cost facilities. The participation of young scientists will be particularly encouraged. International experts of the relevant disciplines are expected to be invited to the workshops to provide scientific input to the workshop themes and enable international collaboration. Priority is given to proponents from ECORD and ICDP member countries.

Successful proponents must acknowledge the support of ECORD/ICDP in all information regarding the workshop. Proponents are further expected to submit a report to the MSC within six months after completion of the workshop, to be posted on the ECORD and ICDP websites. Finally, successful proponents are committed to submit a short article for the ECORD Newsletter and/or Scientific Drilling within a period of eight months.

Call for proposals

The ECORD/ICDP Magellan⁺ Workshop Series Program invites proposals from potential organizers of workshops to be held no later than December 2012.

Magellan⁺ would particularly welcome proposals for workshops that integrate scientific marine and continental coring with scientific topics such as: *Earth's Surface Environmental Change, Processes and Effects; the Deep Biosphere & Sub-Seafloor Ocean*, as well as *Solid Earth Cycles & Geodynamics*, as outlined in the science plans of IODP and ICDP.

The contribution of the Magellan⁺ Workshop Series will not exceed 15,000 Euros per workshop. The proponent is encouraged to seek co-funding from other sources.

Proposals must include:

- 1) Short summary (max 500 characters) stating the purpose of the proposed workshop, its location and expected impact.
- 2) Full description (max 2 pages) of the proposed workshop outlining the purpose, rationale, expected impact and number of participants
- 3) Preliminary workshop program
- 4) List of expected participants
- 5) Full budget for the workshop
- 6) CV (max. 1 page) plus a list of international, peer-reviewed publications for the last 5 years, of main applicant.

Proposals must be submitted as a single, combined pdf-document as an email attachment to: magellan.plus@bgr.de

The deadline for applications is 01 February 2012.

For further information please contact Magellan⁺ via: magellan.plus@bgr.de

