### **Workshop Reports**

point, estimated at 2.5-3 km depth) to measure the purely conductive gradient and to extrapolate magmatic temperatures (target depth = 4-4.5 km).

In order to study in detail the properties of the rocks and the geothermal system for the whole depth extension at the caldera center (position CF-1), this drilling should be complemented by an off-shore site into the caldera center down to the critical point at this position (estimated depth ~2 km). A second (maximum 1-km-deep) off-shore site is planned just outside the caldera border (southeast of the Posillipo hill, in the Gulf of Naples, position CF-4 in Fig. 1). The goal will be to compare the different structure and rheology across the caldera border and to sample a complete section of the older volcanic successions. Additional off-shore sites are planned to complete the reconstruction of Campi Flegrei and larger Campania volcanism by deep drilling, as specified in the caption of Figure 1.

### **Acknowledgements**

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### **Authors**

Giuseppe De Natale and Claudia Troise, INGV - Via Diocleziano 328, 80124 Naples, Italy, e-mail: denatale@ov. ingv.it.

Marco Sacchi, IAMC-CNR – Calata Porta di Massa, Porto di Napoli, 80133 Naples, Italy.

# **Upcoming Workshops**



## 11th Annual Continental Scientific **Drilling Workshop**

3-5 June 2007, Washington, D.C., Application Deadline: 5 May 2007

Drilling in the Earth's continental crust allows studies of otherwise inaccessible subsurface

geological processes and structures. Drilling has led to many important geological discoveries on paleoclimate, impacts, volcanoes, mantle plumes, active faults, etc. The workshop, sponsored by Drilling, Observation and Sampling of the Earth's Continental Crust (DOSECC), will include presentations on international and multidisciplinary drilling projects and topics. A field trip and a reception are also planned to allow participants ample opportunity to exchange ideas. All geoscientists interested in using drilling as a tool are invited.

Limited funding is available for travel to help offset the cost associated with workshop participation. More information: http://www.dosecc.org/

Contact: David Zur (dzur@dosecc.org)



Rift to Ridge '07

28-29 June 2007, National Oceanography

Centre, Southampton, UK.

The U.K. IODP organizes a workshop dedicated to North Atlantic rift - drift evolution under the influence of the Iceland Hotspot. The influence of a hotspot on the development of an

oceanic basin from rifting through to mid-ocean ridge spreading will be addressed at this workshop. Main topics of discussion will be the influence of the mantle on rifting and break-up geometries, the mantle circulation and hotspot phenomena, the consequences for crustal-scale horizontal and vertical tectonics, the influence on the structure of oceanic crust and the geometry of seafloor spreading, and linkages between basin evolution and oceanographic circulation, and thus to climate change. The goals are to coordinate proposed and planned IODP efforts aimed at addressing North Atlantic evolution, to stimulate new proposals and identify mechanisms to lever funding, and to address the hotspot phenomenon and its influence on ocean basin evolution in a 'joined-up' fashion.

To participate, please register online at http://www.noc. soton.ac.uk/gg/rift\_ridge07/



## D International Workshop on **Large Igneous Provinces**

21-26 July 2007, Coleraine, Northern

Ireland, Application deadline: 15 March 2007

The outcome of this international workshop will guide the Integrated Ocean Drilling Program in addressing the objectives in the IODP Initial Science Plan regarding processes associated with and consequences of large igneous province (LIP) emplacement.

Workshop participants will define key scientific objectives of investigating transient large igneous provinces through drilling; establishing an integrated and interdisciplinary, long-term, global strategy for addressing fundamental LIP science questions; and identifying the technological requirements for achieving these objectives. Problems associated with intraplate and rifted margin LIPs will be considered. Participants will include scientists with a broad range of expertise including geophysics, paleoclimatology, paleoceanography, environmental modeling, micropaleontology, physical volcanology, planetary geology, tectonics, geochemistry, and petrology. Research methods range from field and laboratory observation to simulation. Drilling engineers will participate and provide information about enhanced drilling, logging, and long-term borehole monitoring capabilities of IODP.

Support for travel expenses is available for approximately eighty participants. Interested scientists and engineers from all countries should apply on-line. Special consideration will be made for advanced students and early-career scientists. More information and a registration form is available online at http://www.iodp.org/workshops/

Contact: Kelly Kryc (kkryc@iodp.org).



## **Workshop Addressing Geologic Hazards Through Ocean Drilling**

26-30 August2007, Portland, Oregon, U.S.A.Application deadline: 1 April 2007

The oceans are the sources of some of the most severe geologic hazards, including large tsunami-generating earthquakes, submarine landslides, and explosive volcanic eruptions. We seek to extract and read the geologic record of such events in marine sediments and to monitor material properties and associated physical processes. This workshop will bring together an interdisciplinary pool of scientists and engineers from research institutions, universities, and companies for an open and detailed exchange of results, ideas, and experiences to better characterize and understand the causes and consequences of oceanic geologic hazards.

Goals of the workshop are to (a) review the current state of community knowledge, (b) define outstanding research questions that can be addressed through scientific ocean drilling, (c) establish scientific priorities, (d) identify potential drilling targets, (e) evaluate existing technologies and scientific approaches, and (f) recommend the development of new instruments and new deployment strategies. This exchange will enhance international collaborations and stimulate teams of proponents to develop competitive IODP proposals addressing oceanic geologic hazards.

IODP and other sponsoring agencies will support travel and expenses for approximately eighty participants. Interested scientists and engineers from all countries are advised to apply online at www.iodp.org/workshops. Selected participants will be contacted by the steering committee. Places will be reserved for advanced students and early career scientists. For more information, please visit the workshop Web page.

More information and registration at http://www.iodp.org /workshops/

Contact: Kelly Kryc (kkryc@iodp.org).



# P IODP Topic Symposium on **North Atlantic and Arctic Climate Variability**

15-16 August 2007, University Campus Bremen, Germany IODP plans the first topical symposium in 2007 under the subject "North Atlantic and Arctic Climate Variability". It will take place at the University of Bremen and is organized by Professor Dr. Gerold Wefer, MARUM. There will be four main topics, each filled with invited lectures and posters:

- Millennial-Scale Climate Dynamics
- Milankovitch Scale Climate Variability
- **Evolution of Northern Hemisphere Glaciation**
- Extreme Warm Events

Registration and payment logistics for the topical symposium will be organized by IODP. See more details published in March 2007 at www.iodp.org.



### **IODP / ECORD Summer School** on Paleoceanography

13-24 August 2007, University of Bremen, Germany.

Co-sponsored by the European Consortium for Ocean Research Drilling (ECORD), the Bremen

graduate school GLOMAR, and the Research Center Ocean Margins (RCOM), Bremen, Germany, a two-week summer school on paleoceanography for thirty PhD students and young postdocs is offered at the Center for Marine Environmental Sciences (MARUM), University of Bremen. Using the facilities of the IODP Bremen Core Repository, a practical on core logging and time-series analysis techniques will be combined with lectures and interactive discussions on the paleoceanography of the Cretaceous to Cenozoic Oceans. A focus will be put on key topics of ocean heat transport and nutrient cycles, on recent developments in integrated stratigraphy, and on recent studies of North Atlantic and Arctic Ocean climate variability.

A tuition fee of 100 enros is requested. Scholarships for travel and accommodation are available on request.

To apply, please send e-mail to: gratmeyer@marum.de before 31 March 2007.



IODP and ECORD kindly invite you to take part in the following events scheduled at the EGU General Assembly 2007 in Vienna, Austria (15–20 April, 2007):

ECORD-IODP booth (Monday to Friday, 16–20 April) - a meeting point

for everyone looking for information about scientific ocean drilling, and joint ICDP-IODP Townhall meeting (Tuesday, 17 April)—"Scientific Drilling: News from the Integrated Ocean Drilling Program and the International Continental Drilling Program". Detailed information is regularly posted on the ECORD web site (http://www.ecord.org/) and also available on request at: ema@ipgp.jussieu.fr

Looking forward to welcoming you in Vienna!