

Workshop

Structure and Evolution of Magmatic and Hydrothermal Systems in offshore collapse/resurgent calderas

Development of an IODP Drilling Proposal at Campi Flegrei (Eastern Tyrrhenian Margin) linking to active ICDP Drilling Initiatives

25th – 28th February 2017

S. Domenico Maggiore Convent, Naples Italy

The offshore Collapse-Resurgent Calderas (CRC) working group invites you to develop a IODP pre-proposal aimed at the drilling of the offshore structure of Campi Flegrei, a well-known example of active, high-risk active volcanic system over a densely populated continental margin. The aim of the workshop is to build a larger community dedicated to develop new ideas for the understanding of a) caldera forming- volcanism and unrest off continental margins; b) dynamics of shallow water hydrothermal systems, and c) seafloor morphological and structural changes induced by frequent uplift/subsidence phases and active degassing processes. A key outcome of the workshop will be to strengthen a multidisciplinary community focusing on large offshore calderas and caldera-forming processes. The comprehension of how large offshore caldera systems work represents in fact a new frontier in ocean drilling as the interaction between the shallow underwater environment and volcanic and hydromagmatic processes which are still poorly explored and understood.

For further information about the workshop please visit web site: <http://www.ecord.org/magellanplus.html>

Registration: to submit expression of interest in participation please pre-register by submitting a brief statement of interest and a short CV by December 31st 2016 to: marco.sacchi@iamc.cnr.it. Applicants will be informed of the outcome by early January 2017.

Convenors:

Volkhard Spiess , Bremen University, Germany
Marco Sacchi, IAMC-CNR, Napoli, Italy
Giuseppe de Natale, INGV, Napoli, Italy
Lena Steinmann, Bremen University, Germany



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