

Friday, May 14th 11:00 - 12:00 am CET

Deep Ocean drilling in lower crust and mantle: why should we go further?

Alessio Sanfilippo - Department of Earth and Environmental Sciences, University of Pavia

Introductory presentation by Riccardo Tribuzio (Department of Earth and Environmental Sciences, University of Pavia)



Alessio Sanfilippo is associate professor at the Department of Earth and Environmental Science of the University of Pavia. He is interested in petrology of Mid-Ocean Ridges, with a specific focus on mantle melting, melt extraction and accretionary processes of lower oceanic crust. He sailed on 7 oceanographic expeditions in the Central and Nord Atlantic, and Philippine Sea, and participated to IODP Expedition 360 at the Atlantis Bank, Indian Ocean. He is principal proponent of the proposal IODP-971-full "Kane OCC: drilling the lower crust and mantle at the slow spreading MAR", and co-proponent of proposals IODP-941-full "The nature of the Back-Arc basin lower crust and upper mantle at the Godzilla Megamullion" and IODP 800-Full "SloMo, The Nature of the Lower Crust and Moho at Slower-spreading Ridges".

Alessio will give a brief overview of the results of past drilling expeditions in the oceanic basement and the future development of scientific drilling into the lower crust and mantle.

Registration link <https://register.gotowebinar.com/register/236995746130854415>



Webinar Information and Guidelines

HOW to JOIN the WEBINAR

To attend the webinar, please register at the link on the front page.

Once you register for the webinar, you will receive a confirmation email with a unique and personal link.

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All attendees are advised to download in advance GoToWebinar at the page <https://support.goto.com/webinar/help/download-now-g2w010002>

WEBINAR FORMAT

Speaker's presentation (45'). Your microphone will be muted by default throughout speaker's presentation (45'). Please direct any issue that may arise to the webinar chat.

Discussion - Q&A session (15'). During Q&A session, you will be enabled to ask questions to the presenter. You can use the webinar chat to submit your question (or leave your comment) or you can raise your hand. In the first case, the convenors will direct your question to the presenter. In the second case, you will be able to talk as the convenors call on you: your microphone will be unmuted (your camera can be also enabled, upon request). Fabio Florindo (INGV) and Annalisa Iadanza (CNR) will moderate Q&A session.

ALL PARTICIPANTS are REMINDED that:

The webinar will be recorded and the recording will be made available on our website www.iodp-italia.cnr.it (subject to author's permission).

Certificates of attendance can be issued upon request.

Any requests, questions or comments can be directed to iodp-italia@cnr.it