

**Friday, April 9th 11:00 - 12:00 am CET**

## **Antarctic ice sheet evolution: 50 years of Ocean drilling and seismic stratigraphy**

**Laura De Santis** (National Institute of Oceanography and Applied Geophysics - OGS, Trieste)

*Introductory presentation by Isabella Raffi (Univ. "G. d'Annunzio" Chieti - Pescara))*



The seminar will briefly illustrate the results obtained from 50 years of geophysical and geological surveys of the marine areas surrounding Antarctica, with particular emphasis on the results obtained from DSDP, ODP and IODP drilling and to the Italian contribution.

Laura De Santis is Senior Scientist at Istituto Nazionale di Oceanografia e di Geofisica Sperimentale -OGS, Trieste, Italy. She is a marine geologist with expertise in analysing seabed and sub-sea bed morphological and geophysical (reflection seismic) data for reconstructing past environmental conditions in the polar regions. Laura sailed on 6 oceanographic international geophysical cruises in Antarctica (in the George V Land, Prydz Bay and in the Ross Sea) between 1990 and 2018. She was a member of the scientific party of the Cape Roberts deep drilling Project, co-chief Scientist of International Ocean Discovery Program (IODP) Exp. 374 (Ross Sea West Antarctic Ice Sheet History, 2018), co-chief officer of the Geoscience SCAR/PAIS Past Antarctic Ice Sheet dynamics program (2016-20) aimed at reconstructing past Antarctic ice sheet dynamics and its contribution to global sea level change.

Registration link <https://attendee.gotowebinar.com/register/5893583948317441807>



## **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.

The system will notify you a reminder as the event date approaches.

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](http://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](mailto:iodp-italia@cnr.it)**