

“PAST ANTARCTIC ICE SHEET DYNAMICS”
Trieste 11-15 September 2017
[http://pais-conference-2017.inogs.it/](http://pais-conference-2017.inogs.it)



**SEMINARS FOR HIGH SCHOOL STUDENTS ON:
“Sea floor scientific drilling, polar ice sheet history and global sea level change”**

Thursday 14th September 2017, 9:00-12.00
Theatre Miela, Trieste

Organized by
Museo Nazionale dell'Antartide



With the contribution of

Istituto Nazionale di Oceanografia e di geofisica Sperimentale OGS



International Center for Theoretical Physics



Università di Trieste



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

l'International Ocean Discovery Program (IODP) – Italia



Contacts and booking: museoantartide@units.it

Program

9:00-10:00

50 years of scientific deep sea drilling: the International Ocean Discovery Program

<https://www.iodp.org/>

<http://www.iodp-italia.cnr.it/index.php/it/>

Dr. Annalisa Iadanza

Segreteria scientifica IODP-Italia

presso Consiglio Nazionale delle Ricerche - Dipartimento Scienze del Sistema Terra e Tecnologie per l'Ambiente

Broadcast with Joides Resolution for about 30-40 minutes: Claudia Agnini (University of Pavia, is speaking about her work on board as micropaleontologist for the IODP expedition 371, that is aimed at investigating the Tasman Frontier Subduction Initiation and Paleogene Climate

10:00-10:30

Geophysical survey and deep sea drilling projects in polar areas: a tool to reconstruct past climate change and their impact on the environment and global sea level

Dr. Giuliano Brancolini

Istituto Nazionale di Oceanografia e di geofisica Sperimentale (OGS)

10:30-11:00

film "Challenger Sails South" (1975, 22 mins, in English) on the first Deep Sea Drilling Project (DSDP) Leg 28 expedition in the Ross Sea (Antarctic)

11:00-11:30

The tale of Prof. Peter Barrett who participated as young scientists to the DSDP leg 28 expedition in the Ross Sea. What he discovered, which other expeditions followed DSDP leg 28, how technology improved since then? Scientific results and gaps to be still achieved.

Prof. Peter Barrett

University of Victoria, Wellington (Nuova Zelanda)

11:30-12:00

A tale about sailing and working in Antarctica

Angelo Domesi IODP-Italy

12:00-12:15 From the Pole to schooland back! The RESET project

www.resetvalbard.it : a whole class of students in the Svalbard Islands with a fully self-funded program.

Matteo Cattadori

science teacher at Liceo Filzi in Rovereto (Trento) and member of the ExCom of Polar Educators International (PEI <http://www.polareducator.org/>)

discussion and questions