

# Convegno

## *Il Programma di Ricerche in Artico – Le sfide della ricerca –*

Sede centrale CNR, Roma  
Aula Convegni (ingresso da Via dei Marrucini s.n.c.)  
9 Febbraio 2023

### AGENDA

10:00 – 10:30

Registrazione partecipanti

10:30 – 11:00

Saluti istituzionali

Maria Chiara Carrozza - Presidente CNR

Carmine Robustelli (Ministro Plenipotenziario, Inviato Speciale per l'Artico) MAECI

Laura Patella - Rappresentante MUR

Presidenti Enti rappresentati nel Comitato Scientifico Artico

Gilberto Dialuce (tbc), ENEA

Carlo Doglioni (tbc), INGV

Nicola Casagli, OGS

11:00 – 11:15

La collaborazione internazionale in Artico

*Carmine Robustelli, (Ministro Plenipotenziario, Inviato Speciale per l'Artico) MAECI*

11:15 – 11:30

L'Artico ed i cambiamenti climatici

*Peter Wadhams, Professore emerito Università di Cambridge e membro del Comitato Scientifico per l'Artico*

11:30 – 11:45

La ricerca italiana in Artico e il contributo del PRA

*Fabio Trincardi, CNR, Direttore Dipartimento Scienze del Sistema Terra e Tecnologie per l'Ambiente*

11:45 – 12:45

Rafforzare la presenza e la ricerca scientifica italiana in Artico

Tavola rotonda con rappresentanti di organismi che si occupano di Artico

Modera: Giulia Apollonio (giornalista TG2)

Partecipano: Carlo Barbante (SCAR), Silvano Onofri (CSNA), Edoardo Dellarole (ENI, tbc),  
Massimiliano Nannini (IIM), rappresentanti e-Geos e SIOI (da confermare)

12:45 – 13:00

Domande e breve discussione

13:00 – 14:30

Light Lunch

14:30 – 18:00 Presentazione attività dei progetti finanziati dal Programma

Interventi orali:

AdvanCing knowledge on the present Arctic Ocean by chemical-physical, biogeochemical and biological observations to predict the future changes (CASSANDRA) - Maurizio Azzaro, CNR-ISP

The impact of sea ice disappearance on higher North Atlantic climate and atmospheric bromine and mercury cycles (SENTINEL) - Andrea Spolaor, CNR-ISP

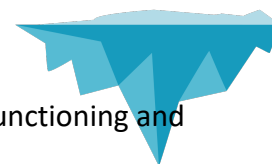
The host-parasite association formed by anisakid parasites and their fish hosts: a model to investigate temporal changes in marine Arctic biodiversity and trophic webs - Simonetta Mattiucci, Università Sapienza di Roma

PermAfroSt Thawing: what happened to the largest terrestrial carbon pool during last deglaciation? (PAST-HEAT) - Tommaso Tesi, CNR-ISP. Presenta Alessio Nogarotto, CNR-ISP

Nutrient cycling, ecosystem functioning and climate change in Arctic Lake ecosystems (EcoClimate) - Edoardo Calizza, Università Sapienza di Roma

Effects of changing albedo and precipitation on the Arctic climate (ECAPAC) - Virginia Ciardini, ENEA

Air Pollution in the Arctic Winter: an Italian contribution to the ALPACA field experiment (A-PAW) - Stefano Decesari, CNR-ISAC



Fish communities of Northeastern Greenland shelf at a glance: diversity, functioning and resilience (CHANGE) - Laura Ghigliotti, CNR-IAS

Integrated Reconstruction of Ice sheet DYNAMICS during late quaternary Arctic climatic transitions (IRIDYA) - Renata Giulia Lucchi, OGS

16:45 - 18:00 Presentazione poster digitali

Abrupt climate change and Greenland ice cover in a high-resolution ice core record - Pascal Bohleber, Università Ca' Foscari Venezia

Small MICROplastics (<100 µm) bioindicators in the changing Arctic Environment (MICROTRACER) - Gabriella Caruso, CNR-ISP. Presenta Giulia Vitale, CNR-ISP

Interactions between the Cryosphere and Dust in the EARTH system (ICED EARTH) - Samuel Albani, Università degli Studi di Milano-Bicocca

Boundary layer Evolution Through Harmonization of Aerosol measurements at Ny-Ålesund research stations (BETHA-NyÅ) - Elena Barbaro, CNR-ISP

Hydrological changes in Arctic Environments and water-driven biogeochemical FLUXes (ICEtoFLUX) - Marco Doveri, CNR-IGG

Impact of climate change-induced permafrost and ice melting on the biodiversity and ecosystem functioning of Arctic environments (Melting-ICE) - Donato Giovannelli, Università di Napoli Federico II

Pan-Arctic GNSS Infrastructure for Atmospheric science (PAGINA) - Vincenzo Romano, INGV. Presenta Claudio Cesaroni, INGV

Italian participation to the digital infrastructure of the Circum-Arctic Sediment Carbon Database (ITA-CASCADE) - Tommaso Tesi, CNR-ISP. Presenta Alessio Nogarotto, CNR-ISP

Winter Critical Zone dynamics in the High Arctic: measuring carbon fluxes and geo-biological processes at the Bayelva Critical Zone Observatory during winter (Winter-CZ) - Antonello Provenzale, CNR-IGG. Presenta Mariasilvia Giamberini, CNR-IGG

Transport and circulation of Anthropogenic and Natural compounds in the Svalbard Fragile Environment: an integrated approach (TRANSFER) - Andrea Spolaor, CNR-ISP

Infrastructure on Snow Cover Reflectance and Seasonality (iSCORE) - Roberto Salzano, CNR-IIA