

Il Programma di Ricerche in Artico

Le sfide della ricerca

Roma, Sede Centrale CNR (Aula Convegni), 9 febbraio 2023

10.00 Registrazione partecipanti

10.30 Saluti istituzionali

Maria Chiara Carrozza - Presidente CNR

Rappresentante MAECI

Rappresentante MUR

Presidenti degli Enti di Ricerca rappresentati nel Comitato Scientifico
Artico

Gilberto Dialuce, ENEA

Carlo Doglioni, INGV

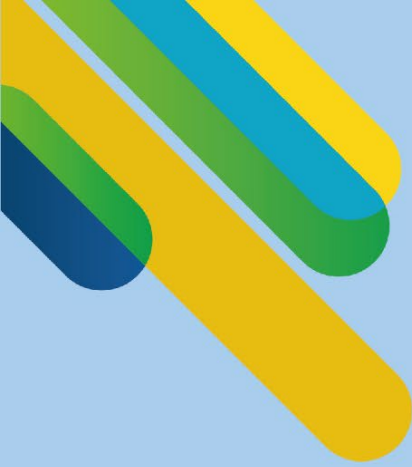
Nicola Casagli, OGS

11.00 La collaborazione internazionale in Artico

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

11.15 L'Artico ed i cambiamenti climatici

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

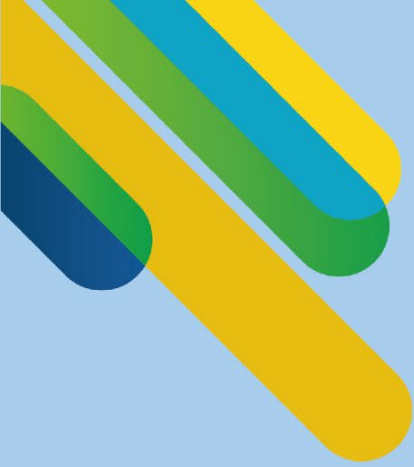


- 11.30 La ricerca italiana in Artico e il contributo del Programma di Ricerche in Artico
Fabio Trincardi, CNR, Direttore Dipartimento Scienze del Sistema Terra e Tecnologie per l'Ambiente
- 11.45 Rafforzare la presenza e la ricerca scientifica italiana in Artico
Tavola rotonda con rappresentanti di organismi che si occupano di Artico
Modera: *Giulia Apollonio (giornalista TG2 RAI)*
Partecipano: *Carlo Barbante (IASC), Giovanni Macelloni (CSNA), Massimiliano Nannini (IIM), Luca Pietranera (e-Geos), Aldo Pigoli (SIOI)*
- 12.45 Domande e breve discussione
- 13.00 Light lunch
- 14.30 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*

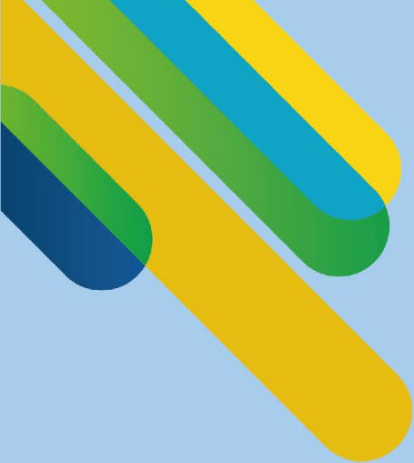
Nutrient cycling, ecosystem functioning and climate change in Arctic Lake ecosystems (EcoClimate) - *Edoardo Calizza, Università Sapienza di Roma*

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 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*

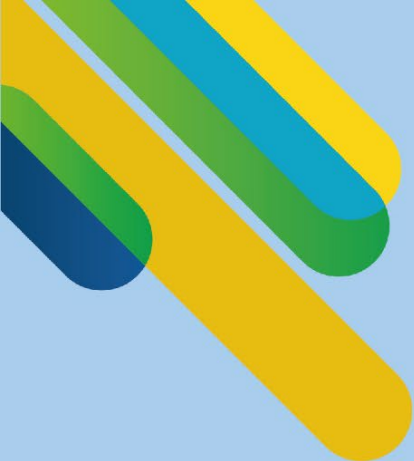
Interactions between the Cryosphere and Dust in the EARTH system (ICED EARTH) - *Samuel Albani, Università degli Studi di Milano-Bicocca*

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*

Durante il pomeriggio sar  a disposizione un angolo caff  self-service



Il Centenario del CNR   realizzato con il Patrocinio di Rai

