

EuroCold Lab
European Cold Laboratory Facilities

Bicocca Polar Day

7 giugno
2023

Aula Marchetti, U1 building
Piazza della Scienza 1, Milano

Your unique moment to join Arctic & Antarctic ice cores

9:00 - 9:30	Welcome and opening ceremony	
9:30 - 10:10	Keynote	Susan Kaspari Fulbright Inter-Country Travel Grant
10:10 - 10:30	Dust in ice cores as proxy for deciphering past climate changes	Barbara Delmonte
10:30 - 10:50	From Antarctica to Mars: how englacial processes in deep polar ice support the importance of ancient Martian glacialism in shaping the surface mineralogy of the Red Planet	Giovanni Baccolo
10:50 - 11:10	Southern Ocean Paleoclimate and Paleoceanography: the contribution of the Geobiology research group of Milano-Bicocca	Elisa Malinverno
11:10 - 11:30	Coffee break	
11:30 - 11:50	Modelling the global dust cycle: challenges and potential for understanding polar ice core records, and how those can inform Earth System Models	Samuel Albani
11:50 - 12:10	The microbiology of the supraglacial environment	Barbara Leoni & Francesca Pittino
12:10 - 12:30	Albedo feedbacks in the polar cryosphere	Biagio Di Mauro
12:30 - 12:50	Atmospheric heating rate and energy gradient from mid-latitudes to the Arctic ocean: a contribution to Arctic Amplification	Luca Ferrero
13:00 - 14:00	Lunch	
14:00 - 14:20	Dust optical properties and radiative implications	Marco Potenza
14:20 - 14:40	Atmospheric carbonaceous aerosol in the Arctic: sources and processes	Stefania Gilardoni
14:40 - 15:00	COSMO: COSmic Monopole Observer	Giulia Conenna
15:00 - 15:20	Polar Issues and the Law of the Sea	Cristina Canella & Ilaria Tani
15:20 - 16:00	Meet our researchers at the POLAR B(E)AR with posters and coffee	
15:30 - 17:00	Visit to the EUROCOLD LABORATORIES	

Organizing committee:
Valter Maggi, Barbara Delmonte, Claudio Artoni

The event will take place in presence.

Booking required [here](#) or scanning the QR-code:

