



🏠 **Location:** Stazione Leopolda, Pisa

📅 **Date:** 5th to 7th December

The schedule is displayed in CET = UTC +1

INQUA-MARE 2022 Agenda

Meeting Minutes Agenda items

Day 1: 5th December: Micropaleontology, Geochemistry and Biomarkers

10:00 - 16:30

Time	Convener(s)	Presenter	Title of the presentation
10:00 - 11:00	Presence/OnlineCommittee		Registration
11:00 - 11:15	Presence/OnlineCommittee		Brief Introduction to INQUA-MARE 2022
11:15 - 11:30	In presence	Laura Bronzo, et al.	Water masses oscillations along the western Spitsbergen margin registered by micropalaeontological proxies during the last 150 years
11:30 - 11:45	Online	Mathia Sabino, et al.	Release of methane from young permafrost carbon during the last deglaciation: game changer or background noise?
11:45 - 12:00	In presence (?)	Claude Hillaire-Marcel	Evasive geochronologies of late Quaternary Arctic Ocean sedimentary sequences
12:00 - 13:00			Ice breaker

Time	Convener(s)	Presenter	Title of the presentation
13:00 - 13:30	Keynote (in presence)	Christof Pearce & Mimmi Oksmann	Marine diatom assemblages in Arctic paleoceanography – qualitative and quantitative approaches
13:30 - 13:45	Online	Alessio Nogarotto, et al.	Biomarker analysis of a marine sediment core (Northern Svalbard) reveals new insights into post-glacial permafrost carbon release
13:45 - 14:00	In presence	Dhanushka Devendra, et al.	Linkages between the flow of different water masses and environmental changes on the SW Svalbard shelf during the Holocene



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14:00 - 14:15	Online	Maciej M. Telesiński, et al.	A mid-Holocene cold spell in the Nordic Seas – a trigger for a global cooling event?
14:15 - 14:30	In presence	Viviana M. Gamboa-Sojo, et al.	Benthic foraminiferal and stable isotope evidence of the last 50 years environmental changes in Krossfjorden, Svalbard
14:30 - 14:45	Online	Gianmarco Ingrosso, et al.	Rapid greening of an Arctic fjord in response to recent sea ice reduction: evidence from marine sediments

15 minutes break

Time	Convener(s)	Presenter	Title of the presentation
15:00-15:30	Keynote (in presence)	Anna Pieńkowski	Microfossils: a window into past, present, and future polar environments

Flash talks

15:30-15:35	In Presence	Joanna Davies, et al.	Linking benthic foraminiferal communities to environmental parameters on the Northeast Greenland continental shelf
15:35-15:40	In Presence (?)	Gabriella Boretto, et al.	Late Holocene environmental changes in the Barents Sea: evidence from foraminifera
15:40-15:45	In Presence	Katrine Elnegaard Hansen, et al.	Identification of past marine tipping points and response in benthic foraminiferal traits on the Northeast Greenland Shelf
15:45-15:55	In Presence	Henrieka Detlef, et al.	Sea ice dynamics in the Labrador Sea across Heinrich events during MIS 3

Poster session: beers and soft drinks

15:55-16:30	In Presence	Participants are invited to discuss the Poster with the Authors.
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In the Evening (starting from 17:00): "BEYOND THE LEANING TOWER" Although it will be dark and cold, we can have a walk together in Pisa and visit its unknown beauties!



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Day 2: 6th December: Sedimentology, Oceanography and Modelling

09:30 – 16:00

Time	Convener(s)	Presenter	Title of the presentation
09:30 - 10:00	Keynote (online)	Nina Kirchner	Fjord-terminating glaciers in the Arctic: Reconstructing and predicting their dynamics from numerical models
10:00 – 10:15	Online	Tanghua Li, et al.	Constraining 1D and 3D Glacial Isostatic Adjustment models with deglacial relative sea-level data: lesson learned from the Arctic
10:15 – 10:30	In presence	Fereshteh Hemmateenejad, et al.	Diversity, structure and environmental drivers of benthic epifaunal communities on Norskebanken cold seep site based on seafloor image analysis
10:30 – 10:45	Online	Fiorenza Torricella, et al.	Paleoenvironmental record of the last 2000 years BP from west Spitsbergen margin, multiproxy investigation
10:45 – 11:15	Coffee break		
Time	Convener(s)	Presenter	Title of the presentation
11:15 – 11:30	In Presence	Chiara Fusca, et al.	Classification of arctic seafloor based on object-based image analysis (OBIA) techniques
11:30 – 11:45	In Presence	Adrián López-Quirós, et al.	Reconstructing the retreat dynamics and stability of the former Norske Trough Ice Stream in NE Greenland
11:45 – 12:00	Online	Varunesh Chandra	Decline in Indian summer monsoon synoptic activity in response to the Polar sea ice melt in climate model simulations
12:00 – 14:00	Lunch around Pisa (see the recommendations and maps below)		



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Flash talks

14:00 – 14:05	In Presence	Alice Carter-Champion, et al.	Reconstructed marine Polar and Arctic Fronts in the North Atlantic during the Younger Dryas period reveal no substantial migration northwards in the mid-YD
14:05 – 14:10	In Presence	Rossana Ventrice, et al.	Reconstruction of the last 200 ky glacial history of the west Spitsbergen margin by simostratigraphic analysis combined with sediment cores
14:10 – 14:15	In Presence	Fernando S. Gois Smith, et al.	Meltwater pulses related sedimentary features investigated through X-ray image processing and color-scan data
14:15 – 14:20	In Presence	Nessim Douss, et al.	

10 minutes break

Time	Convener(s)	Presenter	Title of the presentation
14:30 – 15:00	Keynote (online)	Christian März	Biogeochemical processes in (sub-) Arctic marine sediments and their potential impacts on paleo-environmental records

Poster session: beers and soft drinks

15:00-16:00	In Presence	Participants are invited to discuss the Poster with the Authors.
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In the Evening (starting from 17:00): let's have a beer together in one of the many pubs in Pisa!



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Day 3: 7th December: Research opportunities

09:00 – 17:00

9:00 – 10:00 Optional visit of the Earth Sciences Department, Pisa University - Walk to the Leopolda Station

Time	Convener(s)	Presenter	Title of the presentation
10:30 – 11:00	Keynote (online)	Verónica Willmott & Anneli Strobel	ARICE and EUROFLEETS+ - Transnational Access opportunities and data access for Early Career Researchers
11:00 – 11:20	In Presence	Carolina Pagli	Incoming opportunities at Pisa University, Italy
11:20 – 11:40	In Presence	Department of Geoscience, Aarhus Universitet, Denmark	PhD Position with Application deadline Feb 1, 2023; applying for a MSCA (Marie Curie) grant in the Paleoceanography and Paleoclimate Research Group and participation in a Master Class on writing MSCA applications
11:40 – 12:00	In Presence	Caterina Morigi	Opportunities for Micropaleontologist: Cushman Foundation and The Micropaleontological Society (TMS)
12:00 – 12:20	In Presence	Anna Pieńkowski	Incoming opportunities at the Institute of Geology, Adam Mickiewicz University in Poznań, Poland
12:20 – 12:40	Online	Michele Rebesco, OGS, Trieste.	Lincei Research Cooperation Visits Programme (TWAS, The World Academy of Sciences) and (Programme for training and Research in Italian Laboratories (TRIL) Grants
12:40 – 13:00	In Presence	Carlo Baroni	Phd in Polar Sciences, Ca' Foscari University of Venice, Italy
13:00 – 14:30	Lunch		



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Time	Convener(s)	Presenter	Title of the presentation
14:30 - 15:00	Keynote (in presence)	Renata Lucchi	Proposal IODP 985-Full2: Eastern Fram Strait Palaeo-archive (FRAME): Science and research opportunities during and after Exp-403 (June-August 2024)
15:00 – 15:30	Keynote (online)	Anne Jennings, Paul Knutz, Laurel Childress	IODP Expedition 400, NW Greenland Glaciated Margin: Science Objectives and Research Opportunities
15:30 – 16:00			Round table
16:00 – 16:30			Coffee break
16:30 – 17:00			Concluding remarks & Goodbyes