



PAL MOD

GERMAN
CLIMATE
MODELING
INITIATIVE

Agenda PalMod IOSC 17. – 20. 05. 2026 (Status 04.05.2026)

Venue: MARUM
Bremen University
Leobener Str. 8
28359 Bremen

	Sun 17.05.2026
19:00 – 21:00	Reception & Ice Breaker @MARUM



Mon 18.05.2026		
Convener: Marie Kapsch		
09:00 – 09:30		Welcome
09:30 – 10:00	Louise Sime (BAS)	Do our climate models capture global-scale tipping?
10:00 – 10:30	Matthias Prange (MARUM)	More than noise: Mechanisms and global impacts of low-frequency glacial climate variability
10:30 – 11:00	COFFEE	
11:00 – 11:30	Marisa Montoya (Uni Madrid)	Paleo-constrained ice-sheet evolution over the last glacial cycle
11:30 – 12:00	Ayako Abe-Ouchi (Uni Tokyo)	
12:00 – 12:30	Gregor Knorr (AWI)	An unrecognized tipping point: Reversal of the advective thermal feedback on Atlantic overturning
12:30 – 13:30	LUNCH	
13:30 – 14:00	Bo Liu (Uni Hamburg)	Oceanic CO ₂ outgassing in response to deglacial AMOC variations in MPI-ESM
14:00 – 14:30	Fanny Lhardy (Lyon)	Decreasing alkalinity fluxes to the ocean during the last deglaciation
14:30 – 15:00	Matteo Willeit (PIK)	A bipolar convection seesaw mechanism
15:00 – 15:45	Poster Introduction	
15:45 – 18:00	Postersession (w/ coffee)	
19:00 -	Dinner at Ratskeller Bremen	

Tue 19.05.2026		
Convener: Vanessa Skiba		
09:00 – 09:30	Pierre Testorf (Uni Bern)	Coupled climate-ice sheet simulations reveal a novel teleconnection between Northern Hemisphere ice sheets and the Antarctic ice sheet
09:30 – 10:00	Clemens Schannwell (MPI)	Episodic Antarctic ice-sheet instabilities as prominent driver of glacial climate variability
10:00 – 10:30	Nils Weitzel (Uni Dortmund)	Linking the spatial patterns of timescale-dependent temperature, hydroclimate, and vegetation variability
10:30 – 11:00	COFFEE	

11:00 – 11:30	Bradley Markle (Uni Colorado)	Assessing the strength of climate feedbacks, and their dependence on climate mean state, from paleoclimate records.
11:30 – 12:00	Malena Andernach (MPI)	Stability of the Greenland ice sheet and its interactions with the climate system
12:00 – 12:30	Kira Rehfeld (Uni Tübingen)	
12:30 – 13:30	LUNCH	
13:30 – 14:00	Moderation: Martin Claussen	Plenary Debate on “Future Perspectives of Paleoclimate Modeling” (Gerrit Lohmann/ Louise Sime / Frerk Pöppelmeyer / Kira Rehfeld)
14:00 – 14:30		
14:30 – 15:00		
15:00 – 15:30	Status of the PalMod Special Issue (Kira Rehfeld, Uni Tübingen) Cont. Poster Introduction	
15:30 – 18:00	Postersession (w/ coffee)	
19:00 -	Dinner at Union Brauerei	

Wed 20.05.2026		
Convener: Bo Liu		
09:00 – 09:30	Frerk Pöppelmeyer (Uni Bern)	When the past meets the Future: AMOC stability across time
09:30 – 10:00	Marie Kapsch (MPI)	Different fates of the Greenland and Antarctic ice sheets under realistic emission pathways
10:00 – 10:30	Elisa Ziegler (Uni Tübingen)	Constraints on future multidecadal temperature variability from climate models, reconstructions and observations of the past two million years
10:30 – 11:00	COFFEE	
11:00 – 11:30	Pedro DiNezio (Uni Colorado)	Benchmarking rainfall projections: paleoclimate validation reveals underestimated global drought risk
11:30 – 12:00	Lars Ackermann (AWI)	Fully coupled climate–ice sheet simulations of multi millennial future overshoot scenarios
12:00 – 12:30	Clemens Schannwell & Marie Kapsch (MPI) & other	Greenland ice sheet climate-ice sheet model intercomparison (GrisCLISMIP): Unravelling the source for diverging future mass loss trajectory in long-term climate-ice sheet projections of the Greenland ice sheet
12:30 – 13:30	LUNCH	
13:30 –	WG1 (Rm. Pacific Ocean) WG2 (Rm. Indian Ocean) WG3 (Rm. Atlantic Ocean)	Annual Assembly Annual Assembly Annual Assembly