

Topic 2 Annual Meeting - 2022

Monday 5 September 2022

Plenary: Highlight talks by Subtopics - Kiel (13:00 - 14:10)

-Conveners: Arne Biastoch

time	[id] title	presenter
13:00	[1] Opening and introduction	Prof. LOHMANN, Gerrit
13:10	[17] Subtopic 2.1: MOSAiC: a physical drifting observatory in the Eurasian Arctic and multidisciplinary aspects	Dr RABE, Benjamin
13:25	[2] Subtopic 2.1: Resolving past Southern Ocean circulation states using authigenic and detrital sedimentary Nd and Pb isotope information	Dr GUTJAHR, Marcus
13:40	[3] Subtopic 2.2: Long-term evolution of ocean eddy activity in a warming world	Dr BEECH, Nathan
13:55	[4] Subtopic 2.3: What makes the North East Greenland ice stream flow?	Dr JANSEN, Daniela

Tuesday 6 September 2022

Plenary: Wrap up & outlook - Kiel (11:15 - 12:50)

-Conveners: Maik Thomas; Arne Biastoch

time	[id] title	presenter
11:20	[10] A1: Observing and Modelling the Atlantic Meridional Overturning Circulation (AMOC) (past/future 50 years)	Prof. BIASTOCH, Arne Prof. KANZOW, Torsten
11:30	[12] A2: Land-Ocean interaction and high-resolution climate archives	Dr BLANCHET, Cécile Dr TJALLINGII, Rik
11:40	[11] A3: Regional versus global: How to connect the polar regions to the global climate system - low and high-latitude linkages	Dr RABE, Benjamin Dr MARTIN, Torge
11:50	[13] A4: Identifying major shortcomings in ESM: Where do we need to put our focus?	Dr KJELLSSON, Joakim Dr WAHL, Sebastian
12:00	[16] B1: Earth System thresholds affecting globally relevant CO2 sinks and sources	Prof. MOLLENHAUER, Gesine Prof. BIJMA, Jelle Dr FERNÁNDEZ-MÉNDEZ, Mar
12:10	[26] B2: Greenland ice-sheet retreat: reasons and consequences	Prof. THOMAS, Maik Dr MARTIN, Torge
12:20	[25] B3: Small-scale processes & upwelling in a changing world	Dr KARSTENSEN, Johannes Dr LÜBBECKE, Joke KANZOW, Torsten
12:30	[14] Summary & outlook	Prof. LOHMANN, Gerrit