

25-27 April 2018

Wednesday, April 25, 2018:

0900-0920 Christine/Michael Welcome and logistics

Basin-wide fluxes and budgets

0920-0940 S. Østerhus Arctic Mediterranean Exchanges

0940-1000 T. Tsubushi The overturning circulation in the Arctic Mediterranean

1000-1020 M. Mayer Toward an updated estimate of the coupled Arctic energy budget.

1020-1050 Coffee Break

1050-1110 J.C. Gascard Arctic sea ice volume estimations based on models and observations

1110-1130 R. Gerlderlos Potential for Arctic Sea Ice Cover Response to Changing Atlantik Inflow

1130-1150 M. Muilweijk Atlantic Water and heat transport variability in the 20th century Arctic Ocean from a global ocean model and observations.

1150-1210 Y. Lee Sensitivity of Oceanic Fluxes and Ice Export Across Fram Strait in the Regional Arctic System Model

1210-1230 R. Osinski Towards Improved Arctic Ocean Volume, Heat and Freshwater Budgets

1230-1400 Lunch Break

1400-1420 U. Schauer Is freshwater a useful parameter to analyse large scale salinity changes?

1420-1440 F. Kauker Assessment of ten ocean reanalyses in the polar regions

1440-1500 R. Woodgate Bering Strait - recent change, and the remarkable warmth of 2017

Observed Pathways and Exchanges

1500-1520 R. Pickart Ventilation of the Pacific Halocline in the Canada Basin

1520-1540 A. Ferriz Insights on the physical processes inter-connecting the observed ocean bottom pressure variations in the central Arctic with oceanic

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transport variability through Fram Strait from 2005 to 2015.

1540-1610	<i>Coffee Break</i>	
1610-1630	P. Dodd	Pacific Water in the Arctic Ocean and in Fram Strait
1630-1650	C. Stedmon	Autonomous measurements of dissolved organic matter (DOM) fluorescence provide insight into origins and distributions of halocline waters in the Eurasian Basin.
1650-1710	B. Hansen	Overflow through the Western Valley of the Iceland-Faroe Ridge is negligible
1945	<i>Social dinner at the restaurant 'Le Comptoirs des arts' (about 39 Euro incl wine)</i>	

Thursday, April 26, 2018:

0900-0920	M. Rhein	Submarine melt water in fjords, the Greenland boundary current and the Labrador- and Irminger Sea
0920-0940	C. Lee	New Perspectives on the Western Gateway: Results from the Davis Strait Program, 2004-2017
0940-1000	W. v. Appen	Update of recent measurements from the FRAM observatory in the West Spitsbergen Current
1000-1020	A. Beszczynska	Modifications of Atlantic inflow along its northern passage towards the Arctic Ocean on seasonal to inter-annual time scales
1020-1050	<i>Coffee Break</i>	

Processes and mechanisms

1050-1110	M. Hernandez	Seasonal variability of the Svalbard Branch
1110-1130	W. Walczowski	Ocean-glaciers interactions in the southern Svalbard fjord, Hornsund.
1130-1150	L. de Steur	Atlantic Water entering the Arctic as observed by the A-Twain mooring array.
1150-1210	Z. Koenig	The Yermak Pass Branch: a major pathway for the Atlantic Water North of Svalbard?

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1210-1230	M. Korhonen	Thermohaline staircases in the Eurasian Basin and their relations to thermohaline intrusions
1230-1400	<i>Lunch Break</i>	
1400-1420	J. Schaffer	Atlantic water supply toward the 79 North Glacier in Northeast Greenland
1420-1440	L. Havik	Wind drives coastal upwelling and downwelling in the shelfbreak East Greenland Current
1440-1500	K. Vage	Ocean convection linked to the recent ice edge retreat along east Greenland Ice Sheet
1500-1520	L. Gillard	Impacts of Meltwater Distribution and Model Resolution Along the Coast of the Greenland
1520-1540	Peigen Lin	Evolution of the Freshwater Coastal Current at the southern tip of Greenland
1540-1600	S. Semper	Structure and variability of the North Icelandic Jet
1600	<i>Visit to the Museum of the 'Institute du Monde Arabe'</i> https://www.imarabe.org/en/exhibitions	

Friday, March 27, 2018

0900-0920	M. Almansi	The Evolution of Mesoscale Features in Denmark Strait Overflow
0920-0940	M. Moritz	Observed mesoscale flow variability at the Denmark Strait sill
0940-1000	C. Lique	Potential for deep convection in the Arctic Basin under a warming climate and contribution to the AMOC
1000-1020	T. Haine	North Atlantic subpolar salinity trends
1020-1050	<i>Coffee Break</i>	
1050-1110	M. Karcher	Different freshwater dynamics in different ensemble members - contradicting truths?
1110-1300	Slack time, Discussions on future ASOF themes, Dial in from Ben Rabe (Coordination activity and standards: the OOPC and the CLIVAR NORP)	
1300	<i>Adjourn</i>	