

19th ASOF-ISSG Meeting and Workshop



Online 21/22 October 2021

The meeting will be held online using Webex. Regarding dial-in please contact
Michael.Karcher@awi.de

All times stated are Central European Summer Time (UTC = CEST -2h, EDT = CEST -6h).

Thursday, Oct 21, 2021

1400-1415	Michael/Tom	<i>Welcome</i>
1415-1440	Rebecca Woodgate	What's new in Bering Strait
1440-1505	Birgit Rogalla	A Mn ocean model of the Canadian Arctic Archipelago and the Canada Basin
1505-1530	Qiang Wang	Circulation Pathways and Exports of Arctic River Runoff Influenced by Atmospheric Circulation Regimes
1530-1555	Alexandra Jahn	Forced Changes in the Arctic Freshwater Budget Emerge in the Early 21st Century
1555-1620	Isabela Le Bras	Revisiting the Arctic freshwater budget from 2004 to 2010
1620-1635	<i>Coffee Break</i>	
1635-1700	Wilken-Jon von Appen	Review on Mesoscale Variability in the Arctic Ocean
1700-1725	Paul Myers	Reversal of Transport at Davis and Nares Strait in Winter 2010-2011
1725-1750	Hiroshi Sumata	A new record minimum of sea ice thickness and ice export in Fram Strait caused by an anomalous atmospheric circulation
1750-1815	Stefanie Semper	Evolution and transformation of the North Icelandic Irminger Current along the north Iceland shelf
1815-1850	Violaine Pellichero	Structure and variability of the edge current of the Greenland Sea gyre from mooring measurements
1850-1900	An Nguyen	GRISO, Greenland Ice Sheet Ocean Science Network: Activities and connection with ASOF

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Friday, Oct 22, 2021

Meeting link: <https://awi.webex.com/awi-en/j.php?MTID=mea4b98f4cb462c62a0e00a016ec5044e>

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| 1400-1425 | Ailin Dale Brakstad | Formation and pathways of dense water in the Nordic Seas from a steady-state inversion |
| 1425-1450 | Oliver Huhn | Submarine and Surface Meltwater from Nioghalvfjærdsbræ (79 North Glacier), Northeast Greenland |
| 1450-1515 | Dagmar Kieke | Inference of Submarine Meltwater in the Fjord Systems and in the Boundary Current System around Greenland in 2015-2019 |
| 1515-1540 | Jie Huang | Sources and upstream pathways of the densest overflow water in the Nordic Seas |
| 1540-1605 | Peigen Lin | Kinematic Structure and Dynamics of the Denmark Strait Overflow from Ship-based Observations |
| 1605-1620 | <i>Coffee Break</i> | |
| 1620-1645 | Ruijian Gou | The anti-correlation in the variabilities between West Greenland Coastal Current and West Greenland Current |
| 1645-1710 | Kevin Wiegand | Prominent time scales of Irminger Water variability within the West Greenland Current between 1993 and 2020 |
| 1710-1735 | Astrid Pacini | Eddy variability in the West Greenland Current and its impact on the Labrador Sea |
| 1735-1800 | Helene Asbjørnsen | Why the North Atlantic current is flowing strong – a summary based on the EASAC Report |
| 1800-1825 | Marilena Oltmanns | Freshwater-driven feedbacks between Arctic and North Atlantic climate variability |
| 1825-1850 | Qi Shu | Ocean-ice-atmosphere interaction during the Arctic Atlantification |