

Monday, March 20, 2017:

- 0900-0920 Welcome and Logistics
- 0920-0940 Lawrence Hislop, CliC (*via telecon*)
- 0940-1000 Yarisbel Garcia/Paul Myers, Pan-Arctic fluxes and export from high resolution numerical modeling simulations
- 1000-1020 Benjamin Rabe, Anomalously low central Arctic salinity in a year of converging atmospheric conditions (*via telecon*)
- 1020-1050 *Coffee Break*
- 1050-1110 Myriel Horn, Observed covariability of Arctic and North Atlantic freshwater content.
- 1110-1130 Ailin Brakstad, Water mass transformation in the Greenland Sea during the period 1986-2016
- 1130-1150 Tom Haine, Conceptual Constraints on Exchange through Fram Strait
- 1150-1210 Erwin Lambert, Dynamics of a thermohaline boundary current.
- 1210-1230 Tor Eldevik, Climate predictions and climate predictability
- 1230-1400 *Lunch Break*
- 1400-1420 Ingrid Onarheim, Arctic sea ice loss - Two distinct spatial and seasonal patterns related to the ocean state

Observing programs discussion

- 14:20-1600 Short presentation of observational programs (10 min each)
- Bering Strait (Rebecca), Blue Action (Steffen), INTAROS (Agnieszka), iAOOS (Christine), AON, Beaufort Sea 2018 (Craig), YOPP (Steffen), MOSAIC (Christine/Ben), FRAM (Torsten), NPEO/NABOS (Matt/Jamie), Iceland-Greenland Seas Project IGP (Bob), UK NERC 'Changing Arctic Ocean'
- 1600-1630 *Coffee Break*

- 1630-1650 Ursula Schauer, Do we need another 10 years of Arctic gateway transport observations?
- 1650-1830 Discussion on Observational programs and the role of ASOF for future activities

1945 *Social dinner*

Tuesday, March 21, 2017

- 0900-0920 Axel Behrendt, A comprehensive, quality-controlled and up-to-date data set of Arctic Ocean temperature and salinity
- 0920-0940 Hiroshi Sumata, Decorrelation scale for Arctic Ocean Hydrography. Part I: Amerasian Basin
- 0940-1000 Takamasa Tsubouchi, Pan-Arctic oceanic volume, heat and fresh water transport variabilities during 2004-2010
- 1000-1020 Frank Kauker, Synthesizing observations and models through Data Assimilation, Observing System Simulation Experiments (OSSE), and Quantitative Network Design (QND).
- 1020-1050 *Coffee Break*
- 1050-1110 Rebecca Woodgate, Understanding recent change in the Bering Strait
- 1110-1130 Øystein Skagseth, Atlantic Inflow to and through the Barents Sea
- 1130-1150 Torsten Kanzow, Warm Atlantic water supply toward Northeast Greenland: Implications for the 79°N glacier
- 1150-1210 Zoé Koenig/Christine Provost, Atlantic Waters inflow north of Svalbard: insights from IAOOS observations and Mercator Ocean global operational system during N-ICE2015
- 1210-1230 Maria Dolores Pérez-Hernández, Characteristics of the Svalbard Branch of the Atlantic Water Boundary Current
- 1230-1400 *Lunch Break*
- 1400-1420 Wilken-Jon van Appen, The contribution of the Atlantic Water Recirculation in Fram Strait to the East Greenland Current

- 1420-1440 Matt Alkire, Meteoric water budget
- 1440-1500 Paul Dodd, Pacific Water in Fram Strait (and other news from the Fram Strait Arctic Outflow Observatory)
- 1500-1520 Laura de Steur, Freshwater export through Fram Strait
- 1520-1540 Mattia Almansi, Variability in Circulation and Hydrography in the Denmark Strait
- 1540-1600 Ryan North, Isolating energy transfer hotspots along the Denmark Strait overflow.
- 1600-1630 *Coffee*
- 1630** ***Trip to the old town of Gdansk***

Wednesday, March 22, 2017

- 0900-0920 Robert Pickart, The North Icelandic Jet and its relationship to the North Icelandic Irminger Current
- 0920-0940 Kjetil Våge, Wintertime re-ventilation of the East Greenland Current's Atlantic-origin Overflow Water in the western Iceland Sea
- 0940-1000 Dagmar Kieke, Field observations at the southern boundary of the Subarctic Ocean
- 1000-1030 *Coffe Break*
- 1030-1050 Fiamma Straneo, Formulating freshwater fluxes from Greenland into the ocean: The Example of Sermilik Fjord
- 1050-1110 Renske Gelderloos, Seasonal variability in pathways of warm water masses toward the Kangerdlugssuaq Fjord-Glacier system
- 1110-1130 Waldek Walczowski, Fjord-shelf exchanges and impact of AW on melting glaciers in Svalbard fjords
- 1130-1150 Steffen Olsen, Results from a community based oceanographic monitoring program in a high-arctic fjord system
- 1150-1300 Slack time and Discussion on ASOF's next steps, involvement in other initiatives, etc. and

Adjourn

- 1300-1400 *Lunch*