

ONLINE WORKSHOP**Opportunities and challenges for in situ ocean observing in the Arctic**

The workshop will focus on the current state of in situ ocean observing in the Arctic, with sessions covering ocean and sea ice observing as well as new technologies and data management. Through speakers' presentations and group discussions, challenges and opportunities for in situ ocean observing in the Arctic will be explored, including better sharing and coordination of observations, potential for collaboration with industry/tourism partners and other stakeholders, and the improvement of real-time delivery of in situ observations from the Arctic. The workshop will formulate recommendations and outline a potential roadmap for improved in situ ocean observing in the Arctic.

(Due to the current situation, the workshop will be closed to individuals representing Russian institutions, organisations and businesses).

DRAFT AGENDA (13th October)**DAY 1, Wednesday 9th November 2022 (Click to register)**

TIME (CET)	Title	Speaker
13:00 - 13:10	Welcome and introduction	Jari Haapala, FMI Steffen Olsen, DMI Joseph Nolan, EuroGOOS
13:10 - 13:30	Keynote: MOSAiC expedition summary of ocean observing activities and results	Benjamin Rabe, AWI
13:30 - 14:45 Ocean		
13:30 - 13:45	Nansen Legacy	Marit Reigstad, UiT
13:45 - 14:00	Atlantic-Arctic DBO	Anna Nikolopoulos, NPI
14:00 - 14:15	Utilisation of Argo's in ice covered seas	Nicolas Kolodziejczyk Camille Lique, IFREMER
14:15 - 14:45	Panel discussion with session speakers	Moderator: Agnieszka Besczynska-Moeller
14:45 - 15:00 Break		
15:00 - 16:45 Sea ice		
15:00 - 15:15	MOSAiC sea ice measurements	Marcel Nicolaus, AWI
15:15 - 15:30	Sea ice measurement activities at the NPI	Dmitri Divine, NPI
15:30 - 15:45	Utilisation of SIMBA for sea ice mass balance monitoring	Ruibo Lei, PRIC Bin Cheng, FMI
15:45 - 16:00	In-situ measurements of sea ice drift, waves in ice, and ice temperature in the Barents sea	Jean Rabault Førland, met.no
16:00 - 16:15	Sea ice observations conducted by the Ice Services	Nick Hughes, met.no
16:15 - 16:45	Panel discussion with session speakers	Moderator: Steffen Olsen
16:45 - 17:00 Closing of Day 1		
16:45 - 17:00	Wrap up of Day 1 and look to Day 2	Jari Haapala, FMI Steffen Olsen, DMI Joseph Nolan, EuroGOOS
17:00 End of Day 1		

ONLINE WORKSHOP**Opportunities and challenges for in situ ocean observing in the Arctic****DRAFT AGENDA (13th October)****DAY 2, Thursday 10th November 2022 (Click to register)**

TIME (CET)	Title	Speaker/Affiliation
13:00 - 13:10	Welcome and summary of Day 1	Jari Haapala, FMI Steffen Olsen, DMI Joseph Nolan, EuroGOOS
13:10 - 13:30	Keynote: EuroGOOS and EOOS in the Arctic	Inga Lips, EuroGOOS
13:30 - 14:45 Data and services		
13:30 - 13:45	COINS project, Arctic in situ data and Copernicus	Ole Krarup Leth, DMI
13:45 - 14:00	Automatic measurements from ice breakers and EMODnet	Patrick Gorringe, SMHI
14:00 - 14:15	Polar Observing Assets Working Group	Bill Manley, INSTAAR, University of Colorado, Boulder
14:15 - 14:45	Panel discussion with session speakers	Moderator: Vidar Lien
14:45 - 15:00 Break		
15:00 - 16:30 Technology and infrastructure		
15:00 - 15:15	Development of SIMBAs	Mark Hart, SAMS
15:15 - 15:30	ARICE	Veronica Willmott, AWI
15:30 - 15:45	NorEMSO	Benedicte Ferré, UiT
15:45 - 16:00	New marine technologies	Martin Ludvigsen, NTNU
16:00 - 16:15	BIOGLIDER	Laurent Mortier, SU-LOCEAN
16:15 - 16:45	Panel discussion with session speakers	Moderator: Anna Nikolopoulos
16:45 - 17:00 Closing of Day 2		
16:45 - 17:00	Wrap up and closing	Jari Haapala, FMI Steffen Olsen, DMI Joseph Nolan, EuroGOOS
17:00 End of workshop		