Upcoming Sea Ice Conferences 2023

- IICWG-DA11 - The 11th International Workshop on Sea Ice Modelling, Assimilation, Observations, Predictions and Verification
  - Oslo, Norway
  - 21–23 March 2023
  - Contact: Thomas Lavergne, MET Norway, thomas.lavergne@met.no

- IGS International Symposium on Sea Ice Across Temporal and Spatial Scales
  - Bremerhaven, Germany
  - 4–9 June 2023
  - Contact: Christian Haas, Marcel Nicolaus, Gunnar Spreen
  - https://www.igsoc.org/events

Poster Session – Sea Ice Remote Sensing

- D. Demchev: Detection and modelling of deformation features in first-year ice from Sentinel-1 images
- C. TISON: SWIM: a new potential for sea ice remote sensing
- M. Wang: Sea Ice Motion Retrieval in the Marginal Ice Zone from Sentinel-1 and Sentinel-2
- M. Zahriban Hesari: Monitoring the time-variability of Drygalski ice tongue using Sentinel-1 SAR data
- L. Zhou: Effects of winter snow properties on L-band satellite observations in the Weddell Sea
- A. Riihelä: The critical role of Arctic and Antarctic sea ice for the global snow and ice albedo feedback
- W. Guo: Winter sub-weekly time series of sea ice classification on TerraSAR-X ScanSAR data for MOSAiC
- I. Olsen: Modelling the brightness temperature of ice and snow in preparation for the CIMR mission
- A. O'Carroll: Copernicus Sentinel-3 Sea (and sea-Ice) Surface Temperature: product status, evolutions
- F. Müller: Monitoring Arctic thin ice: A comparison between Cryosat-2 SAR altimetry data and MODIS IR
- C. Gabarró Prats: ARIEL L-band radiometer on the MOSAIC Arctic Expedition
- F. Christie: A new sea ice classification algorithm based on optical and thermal satellite imagery
- R. Tilling: High-Resolution ESA and NASA Satellite Altimetry to Advance Understanding of Sea Ice Topography
- M. Mahmud: New ice detection from C- and L-band synthetic aperture radar

Poster Session – Sea Ice Remote Sensing

- S. Xu: Sea Ice Thickness Retrieval in 2018 Greenland Polynya - A Study with CryoSat-2 and SMOS
- J. Karvonen: Baltic Sea Ice Concentration Based on C-Band SAR and Microwave Radiometer by CNN
- S. Singha: Can operational Ice Charts help to train AI for Sea Ice properties retrieval?
- F. Girard-Ardhuin: Using CFOSAT for sea ice application
- L. Huang: Estimation of Sea Ice Topography over Snow-covered Young Ice from TanDEM-X
- S. Wiehle: Sea Ice Classification with Sentinel-1 and Sentinel-3 data – first results from the EisKlass2 project
- A. Korosov: Sea ice type and deformation from Sentinel-1 SAR and assimilation into a sea ice model
- E. Rinne: Satellite based sea ice products from the viewpoint of winter navigation operation planning
- X. Tian-Kunze: Long-term Observational Sea Ice Thickness Products from SMOS and CryoSat-2
- H. Regan: Using modelling to understand the observed changes to Arctic multiyear sea ice
- A. Swiggs: Regional trends in Arctic sea ice thickness
- A. Stokholm: Advancements and Challenges for Automatic Sea Ice Charting using Standalone Sentinel-1 SAR
- J. Rusin: Assessment of SAR Capabilities for Deriving Arctic Sea Ice Concentration
- I. Glissenaar: A sea ice thickness proxy-product from Canadian ice charts

Poster Session – Sea Ice Remote Sensing

- J. Hickson: Automated Polynya Identification Tool (APIT)
- S. Hvidegaard: Antarctic snow on sea ice studied with GPR/In situ and Airborne multi-frequency Altimetry
- A. Mchedlishvili: ICESat-2 Altimeter Sea Ice Roughness Analysis on a Pan-Arctic Scale
- C. Taelman: Semi-automated classification of sea ice types using multimodal remote sensing data
- H. Skourup: Reference measurements to support evaluation of sea ice altimetry missions
- T. Wulf: Fusion of SAR and Passive Microwave Radiometer for Automatic Sea Ice Charting using CNN
- A. Cristea: Automatic detection of newly formed sea ice and lookalikes in the Barents Sea using SAR
- E. Down: Sea Ice Drift from Satellite Passive Microwave Missions: from Climate Monitoring to CIMR
- R. Fredensborg Hansen: Comparing MOSAiC and ICESat-2 data – thermal signatures and topography
- Z. Li: Adapted Bayesian sea ice detection with CFOSAT scatterometer
- S. Fleury: Sea Ice Freeboard and Sea Level Anomaly improvements in the context of Cryo-TEMPO project
- S. Gerland: SAR observations, airborne and ground surveys over Arctic sea ice and snow for different seasons
- S. Aaboe: Mapping sea ice type with satellite passive microwave and scatterometer missions
- S. Khaleghian: A semi-supervised learning architecture for SAR sea ice classification with limited training data

Poster Session – Sea Ice Remote Sensing

- R. Ricker: Dynamic and thermodynamic sea ice growth derived from multi-sensor satellite remote sensing
- J. Rückert: Effect of warm air intrusions on satellite-based sea ice concentration retrievals: MOSAiC expedition
- M. Semmling: Sea-Ice Permittivity Estimation using GNSS Reflectometry data of the MOSAiC Expedition
- P. Heil: A merged multi-sensor product for sea-ice motion
- E. Schwarz: Landsat 8 Sea Ice Classification using Deep Neural Networks
- H. Li: Comparison of Sea Ice Extraction Between Quad-Pol and Compact-Pol SAR Images
- S. Fleury: Sentinel-3 Land STM MPC: Performance of the S3A and B Surface Topography Mission over sea-ice
- S. Aparício: A pan-Arctic enhanced view of Melt Ponds through AI-based multisensory data fusion
- T. Johnson: Mapping Arctic sea ice surface roughness with Multi-angle Imaging Spectro-radiometer
- M. Neudert: Mutiyear evolution of radar backscatter and surface roughness of the Nansen Sound sea ice plug
- S. Proud: Leveraging the dual-view capabilities of Sentinel-3 to discriminate between sea ice and cloud