

## Poster List - YOPP Arctic Science Workshop 14-16 January 2019

First Author		Affiliation	Poster ID	Title	Mon 14th	Tue 15th
Barrett	Andrew	National Snow and Ice Data Center	#F14	The impact of uncertainty in Arctic Ocean precipitation on estimates of snow depth and density over sea ice		X
Batrak	Yurii	Norwegian Meteorological Institute	#F01	Towards a more detailed representation of sea-ice in AROME-Arctic - operational convective-scale NWP system for European Arctic by Met Norway.		X
Blockley	Ed	Met Office	#A01	The Met Office's YOPP-endorsed aircraft campaign: Measurements of Arctic Cloud, Snow and Sea Ice in the Marginal Ice Zone (MACSSIMIZE)	X	
Casado	Mathieu	Alfred Wegener Institute	#B02	Opening the review of IPCC reports to Early Career Scientists ( <i>presenting author</i> : Paul Rosenbaum)	X	
Casati	Barbara	Environment and Climate Change Canada	#D01	Performance of the Canadian deterministic prediction systems over the Arctic during the winter and summer YOPP Special Observing Periods		X
Choi	Yonghan	Korea Polar Research Institute	#C01	Real-time forecasts over the Arctic region during 2017/2018 Arctic expedition of the KOPRI IBRV Araon		X
Dai	Guokun	Fudan University	#F02	Impact of the Arctic sea ice on the predictability of NAO events during wintertime		X
Day	Jonathan	European Centre for Medium-Range Weather Forecasts	#E01	Growing Land-Sea Temperature Contrast and the Intensification of Arctic Cyclones	X	
Day	Jonathan	European Centre for Medium-Range Weather Forecasts	#C03	Assessing the value of the Arctic Observing System for Medium-Range NWP		X
De Santi	Francesca	Institute for Electromagnetic Sensing of the Environment	#F03	Modelling and observations of waves attenuation in pancake ice		X
Dukhovskoy	Dmitry	Florida State University	#F04	Toward estimating the role of Greenland freshwater in salinity changes of the subpolar North Atlantic		X
Fritzner	Sindre Markus	University of Tromsø	#C04	Assimilating ice chart observations into a high resolution coupled ocean-sea-ice model		X
Ganeshan	Manisha	Universities Space Research Association/GESTAR	#E02	A regional analysis of factors affecting the Antarctic boundary layer during the Concordiasi campaign and comparison with reanalyses	X	
Gierisch	Andrea	Danish Meteorological Institute & Finnish Meteorological Institute	#C06	Short-range sea ice forecasting in the Barents and Kara Seas to support ship navigation	X	
Graham	Robert M.	Norwegian Polar Institute	#E03	Evaluation of six atmospheric reanalyses over Arctic sea ice during winter and spring	X	
Hallerstig	Matilda	Norwegian Meteorological Institute & ECMWF	#E04	Polar lows in the ECMWF versus Arome Arctic models	X	
Hinrichs	Claudia	Alfred Wegener Institute	#A03	Influence of Atmospheric and Oceanic Model Resolution on Volume and Heat Transports through Arctic Gateways in Coupled Climate Simulations	X	
Hirsikko	Anne	Finnish Meteorological Institute	#E05	Monitoring and forecasting presence and influence of atmospheric super-cooled liquid water containing clouds in the vertical profile – final results of the project	X	
Hubbard	Alun	University of Tromsø	#A10	Repeat fixed-wing UAV surveys to determine controls on seasonal acceleration of Store Glacier, West Greenland	X	
Inoue	Jun	National Institute of Polar Research	#A04	Japanese activity using RV Mirai (Part 1): Predictability studies of ice-free ocean wave height in the Arctic and tracks of tropical cyclones over the North Atlantic	X	
Kähnert	Marvin	University of Bergen	#E06	Validation of the Arome Arctic Numerical Weather Prediction Model - A case-based study	X	
Kim	Joo-Hong	Korea Polar Research Institute	#E07	Observations of meteorological profiles, clouds and radiative fluxes over the Arctic Ocean during SOP-NH2	X	
Kimmritz	Madlen	NERSC, Bjerknes Center	#C08	On the impact of sea ice assimilation for seasonal predictability of the Arctic		X
Kotov	Pavel	Lomonosov Moscow State University	#C09	Equations for thaw settlement calculation		X
Laurila	Tuomas	Finnish Meteorological Institute	#E21	Surface heat flux studies at the "Ice Base Cape Baranova"	X	

Magnusson	Linus	European Centre for Medium-Range Weather Forecasts	#C14	ECMWF Activities Connected to the Polar Prediction Project ( <i>presenting author</i> : Jonathan Day)		X
Mahura	Alexander	University of Helsinki	#E08	Linking PEEEX with Russian Arctic observations and datasets	X	
Mariani	Zen	Environment and Climate Change Canada	#E09	An evaluation of wind profile observations at the Iqaluit supersite ( <i>presenting author</i> : Barbara Casati)	X	
Massonnet	François	Université catholique de Louvain	#A05	Using numerical models to design the future Arctic observing systems: insights from the APPLICATE project	X	
Massonnet	François	Université catholique de Louvain	#F06	SIPN South: Seasonal sea-ice prediction for the Southern Ocean		X
Masutani	Michiko	University of Maryland	#E10	Evaluate and improve the usage of Arctic Observation for weather and extended range forecasts using OSEs and OSSEs with NGGPS. Preparation for YOPP and beyond.	X	
McGrath-Spangler	Erica	Universities Space Research Association/GESTAR	#C05	Impact of assimilating AIRS cloud-cleared radiances on the representation of Polar Lows ( <i>presenting author</i> : Manisha Ganeshan)		X
Mile	Mate	Norwegian Meteorological Institute	#C10	Advanced use of non-conventional observations in an Arctic data assimilation system		X
Murto	Sonja	Stockholm University	#E11	Dynamic drivers of Arctic warm events	X	
Na	Liu	The First Institute of Oceanography	#F05	Under-Ice Upper Ocean Buoy Observation in MOSAiC Project ( <i>presenting author</i> : Yan He)		X
Naakka	Tuomas	Finnish Meteorological Institute	#C11	Evaluation of critical spatial gaps in the Arctic atmospheric observations from the point of view of numerical weather prediction		X
Oikkonen	Annu	Finnish Meteorological Institute	#F07	Studying sea ice deformation in small scales		X
Pace	Giandomenico	ENEA, Laboratory for Observations and Analyses of Earth and Climate	#E13	Observations at the Thule High Arctic Atmospheric Observatory during the YOPP SOPs	X	
Persson	Ola	University of Colorado	#E17	The evolution and energetics of Arctic cyclones observed during the 2014 ACSE campaign ( <i>presenting author</i> : Janet Intriери)	X	
Pokrovsky	Oleg	Russian State HydroMeteorological University	#A06	A Causal Link Between Atlantic Multidecadal Oscillation, Eastern Arctic Ice Extent And Changes In Atmospheric Circulation Regimes Over Northern Eurasia	X	
Pokrovsky	Oleg	Russian State HydroMeteorological University	#E14	Optimization Of RAOB Network In Northern Asia	X	
Ponsoni	Leandro	Université catholique de Louvain	#F08	Empirical statistical models for predicting Arctic sea ice volume		X
Pozdnyakov	Dmitry	Nansen International Environmental and Remote Sensing Centre	#F09	Annual blooms of a coccolithophore <i>E. huxleyi</i> : Are they presently consequential for atmosphere- surface ocean carbon cycles in the Arctic and subarctic and what are perspectives on the future?		X
Rana	Arun	Université catholique de Louvain	#F10	Intercomparison of Sea-Ice Observational datasets		X
Randriamampianina	Roger	Norwegian Meteorological Institute	#C13	Regional observations simulation experiments over the Arctic during the YOPP SOP1		X
Rex	Markus	Alfred Wegener Institute	#B01	MOSAIC - The Multidisciplinary drifting Observatory for the Study of Arctic Climate ( <i>presenting author</i> : Anja Sommerfeld)		X
Rippeth	Tom	Bangor University	#F12	The role of tides in driving diapycnal mixing in the Arctic Ocean		X
Sato	Katzutoshi	Kitami Institute of Technology	#E15	Japanese activity using RV Mirai (Part 2): Model intercomparison using RV Mirai data as a part of Arctic CORDEX	X	
Shupe	Matthew	University of Colorado	#A07	MOSAIC for Unique Processed-based Assessment of YOPP Models	X	
Sodemann	Harald	University of Bergen	#E16	Water vapour isotope observations during YOPP SOP1 and SOP2	X	
Spensberger	Clemens	University of Bergen & Bjerknes Centre for Climate Research	#A08	Coupling scales and components: When is an interactive sea ice component required for weather forecasting?	X	
Sterlin	Jean	Université catholique de Louvain	#F13	Grounded sea ice and tensile strength for landfast ice formation and effects on global climate models		X
Sun	Qizhen	National Marine Environmental Forecasting Center	#C12	Atmospheric Soundings Measurements from the Chinese Arctic Expedition in Summer 2018		X

Uotila	Petteri	University of Helsinki	#F15	An assessment of ten ocean reanalyses in the polar regions		X
Välisuo	Ilona	Finnish Meteorological Institute	#E18	Impact of YOPP radiosonde soundings in NWP-model HARMONIE-AROME in the Nordic MetCoOp domain ( <i>presenting author</i> : Irene Suomi)	X	
Vessey	Alexander	University of Reading	#E19	Inter-comparison of Arctic storms in reanalysis datasets	X	
Viceto	Carolina	University of Aveiro	#E20	An atmospheric river case study during the ALOUD campaign at Ny-Ålesund (Svalbard)	X	
Wang	Keguang	Norwegian Meteorological Institute	#F16	Modeling sea ice as a two-dimensional granular plastic: some preliminary results		X
Woods	John	U.S. National Ice Center	#F17	North American Ice Service YOPP Engagement and Activities ( <i>presenting author</i> : Alexandra Darden)		X
Yu	Xiaoyong	Alfred Wegener Institute	#A09	Evaluation of thermodynamic and dynamic contributions to 2007 summer Arctic sea ice retreat in a coupled regional climate model	X	
Zampieri	Lorenzo	Alfred Wegener Institute	#C07	Prospects for subseasonal sea ice prediction at both poles ( <i>presenting author</i> : Helge Goessling)		X
<b>Sessions</b>						
<b>A</b>	<b>Coupled Atmosphere/Sea Ice/Ocean</b>					
<b>B</b>	<b>User Engagement and Projects</b>					
<b>C</b>	<b>Forecasting and Data Assimilation</b>					
<b>D</b>	<b>Verification</b>					
<b>E</b>	<b>Atmosphere</b>					
<b>F</b>	<b>Sea Ice/Ocean</b>					