

Sunday June 19

18:00-20:00 Evening Icebreaker Reception with wine and tapas at The Svalbard Museum

Monday June 20

08:30-10:30 Oral Presentations, Møysalen lecture theatre, UNIS
10:30-11:00 Break
11:00-13:00 Oral Presentations, Møysalen lecture theatre, UNIS
13:00-14:00 Lunch, Helenstua Cantina, UNIS
14:00-15:45 Oral Presentations, Møysalen lecture theatre, UNIS
15:45-16:15 Break
16:15-18:00 Poster Presentations (Group A), Helenstua Cantina, UNIS
18:00- Arctic Workshop student night – Mine 3 tour and beer & pizza at Svalbard Brewery

Tuesday June 21

09:00-10:30 Oral Presentations, Møysalen lecture theatre, UNIS
10:30-11:00 Break
11:00-13:00 Oral Presentations, Møysalen lecture theatre, UNIS
13:00-14:00 Lunch, Helenstua Cantina, UNIS
14:00-15:30 Oral Presentations, Møysalen lecture theatre, UNIS
15:30-16:00 Break
16:00-18:00 Poster Presentations (Group B), Møysalen lecture theatre, UNIS

Wednesday June 22

10:00-13:30 Excursion to Bolterdalen raised marine section. Bag lunch provided. Depart UNIS
10:00-13:30 Student photogrammetry workshop. Bag lunch provided
14:00-17:00 Excursion to Longyearbreen glacier. Depart UNIS
18:30- Workshop Banquet, Helenstua Cantina, UNIS

Thursday June 23

08:30-10:30 Oral Presentations, Møysalen lecture theatre, UNIS
10:30-11:00 Break
11:00-13:00 Oral Presentations and closing remarks, Møysalen lecture theatre, UNIS
13:00-14:00 Lunch, Helenstua Cantina, UNIS

Optional two-day post-conference field excursion via PolarCirkel fast boat

Thursday June 23

16:00-18:00 Mandatory HSE Safety Briefing, Kapp Lee classroom, UNIS

Friday June 24

08:30-17:00 Survival suit pick-up and first day excursion to Kapp Ekholm, Billefjorden. Start and finish at UNIS.

Saturday June 25

08:30-17:00 Second day trip from Longyearbyen to Coraholmen and Sefströmbreen, Ekmanfjorden. Start and finish at UNIS

Sunday June 19	
Venue: Svalbard Museum (use main entrance to Svalbard Science Park)	
18:00 – 20:00	Ice breaker with tapas

Monday June 20			
Venue: Møysalen, Svalbard Science Park			
08:30 – 09:00	Welcome and house keeping		
	Title	Presenter	Chair
09:00 – 09:15	The Svalbox geoscientific portal: from acquisition to sharing digital outcrop models	N Rodes	K. Husum
09:15 – 10:00	Keynote: Ice-shelf sediment facies	A. E. Jennings	
10:00 – 10:30	Nuanced responses of seasonal sea ice to a warmer Arctic climate during the Holocene Thermal Maximum	A. J. Pieńkowski	
10:30 – 11:00	<i>Break</i>		
11:00 – 11:30	Reconstructing abrupt sea-ice anomalies east of Greenland using ultra high-resolution paleo and historical archives	M. Miles	
11:30 – 12:00	Surface freshening in Subpolar North Atlantic due to Arctic Sea Ice is weakening Overturning Circulation	G. Madan	
12:00 – 12:30	Arctic heat anomalies: Spatial-temporal distribution and effects	V. Miles	
12:30 – 13:00	Coastal change in Svalbard – filling a knowledge gap in Arctic response to climate change	M. Jensen	
13:00 – 14:00	<i>Lunch</i>		
14:00 – 14:45	Keynote: The sediment accumulation rate in fjords - an underrated climate-sensitive variable	W. Szczuciński	J. Buckby
14:45 – 15:15	Denudation of a glacierized catchment in accelerated ablation conditions (Svenbreen, central Spitsbergen)	G. Rachlewicz	
15:15 – 15:45	Quantification of proglacial landscape change based on examples from central Spitsbergen, Svalbard	M. Ewertowski	
15:45 - 16:15	<i>Break</i>		
16:15 – 18:00	Poster session (group A in attendance)		
18:00 –	<i>Arctic Workshop Student Night – Mine 3 tour and beer & pizza Svalbard Brewery</i>		

Abstracts are available as PDF format files for download

Oral Abstracts: <https://aw2022.org/wp-content/uploads/2022/06/AW2022-Oral-Abstracts.pdf>

Poster Abstracts: <https://aw2022.org/wp-content/uploads/2022/06/AW2022-Poster-Abstracts.pdf>



Oral Presentation Abstracts

Poster Presentation Abstracts

Tuesday June 21			
Venue: Møysalen, Svalbard Science Park			
	Title	Presenter	Chair
09:00 – 09:30	Improving past and future relative sea-level constraints for the Norwegian coast	T. Lakeman	M. Retelle
09:30 – 10:00	Relative sea-level change during the Common Era in Norway: new data from intertidal basins and salt marshes	M. Holthuis	
10:00 – 10:30	Detailed UAV-based imagery reveals the complex nature of post-depositional modification of debris-flow fan surfaces	A. M. Tomczyk	
10:30 – 11:00	<i>Break</i>		
11:00 – 11:45	Keynote: Jan Mayen – Terra incognita coming out of the mist	E. Larsen	M. Furze
11:45 – 12:15	Formation of the Bustarfell drumlin field, NE-Iceland: Integrating sedimentological and GPR data	N. Aradóttir	
12:15 – 13:00	Keynote: The struggle for age control	H. Alexanderson	
13:00 – 14:00	<i>Lunch</i>		
14:00 – 14:30	Kapp Ekholm, a yardstick for the glaciation history of Svalbard although we await a more precise chronology	J. Mangerud	M. Furze
14:30 – 15:00	Elucidating changing climatic gradients across Late Quaternary Svalbard: inferences from Ringgåsvatnet and Erdmannflya	J. Buckby	
15:00 – 15:30	Near-surface temperatures and potential for frost weathering in block fields in Svalbard and Norway	M. Peter	
15:30 – 16:00	<i>Break</i>		
16:00 – 18:00	Poster session (group B in attendance)		

Wednesday June 22			
10:00 – 13:30	Excursion part I (Bolterdalen)	10:00-13:30	Student workshop
14:00 – 17:00	Excursion part II (Longyearbyen glacier)	14:00-17:00	Student excursion (Longyearbyen glacier)
18:30	<i>Workshop dinner at Svalbard Science Park</i> After dinner talk by Robert Spielhagen “Back in the USSR (A Holocene Arctic climate story starring sea ice, sea level, sediments and Siberia)”		

Thursday June 23			
Venue: Møysalen, Svalbard Science Park			
	Title	Presenter	Chair
08:30 – 09:00	Microplastics in source-to-sink systems in a changing Arctic	J. Martin	Y. Z. Lathouwers
09:00 – 09:30	Deposition patterns of PAHs, PCBs and trace elements in snow on glaciers - Covering a latitudinal gradient from southern Norway (60.54°N) to Svalbard (78.87°N)	A. N. Messinger	
09:30 – 10:00	Identifying risk species to Scandinavia – a horizon scanning study	K. Ivison	
10:00 – 10:30	Uncovering the long-term impact of sea ice on Arctic species: using the past to predict the future	M. Dance	
10:30 – 11:00	<i>Break</i>		
11:00 – 11:30	Extreme wind directionality at Bjørnøya, Svalbard	M. Henkies	K. Beutner
11:30 – 12:00	SIOS data management	Lara Ferrighi	
12:30 – 13:00	Closing remarks and students' awards		
13:00 – 14:00	<i>Lunch</i>		

Poster group A Monday June 20

Number	Title	Presenter
A1	Reconstructing early Holocene warmth in outer Isfjorden, Svalbard using stable isotope analysis on the ocean quahog, <i>Arctica islandica</i>	E. I. Christman
A2	Evaluating past deep-water formation using 1D physical-biogeochemical model	I. Musan
A3	Depositional Environments Recorded in 2013029-64PC, Northern Baffin Bay	W. Roth
A4	Reconstructing past sea ice variability in northern Svalbard using coralline algae records	T. Trofimova
A5	Late glacial and Holocene history of NE Greenland deglaciation and water masses at the adjacent continental margin	R. Spielhagen
A6	Changing palaeoenvironment and bottom current history in the western Fram Strait – preliminary lithostratigraphic results	C. Braun
A7	Environment Monitoring in a Warming Hydroclimatic Regime, Linnédalen, West Spitsbergen	M. Retelle
A8	Hydroclimate Reconstruction from Proglacial Linnévatnet, Svalbard, Norwegian High Arctic	K. Wagner
A9	Not Gone With The Wind: coastal lake sediments from southern tip of Svalbard track changes in Holocene storminess on human-relevant timescales	Z.M. Stachowska-Kamińska
A10	Sediment, sediment everywhere, but not enough on the beaches: Could regional exposure of coastal glacial deposits lead to sediment starvation, increased risk of erosion and poor climate change resilience.	G. Walker-Springett

Poster group B Tuesday June 21

Number	Title	Presenter
B1	Ecological impact of human occupation in Skíðadalur in North Iceland: preliminary results	E. Á. Eyþorsdóttir
B2	Testing the enemy release hypothesis of non-native plants across time and space using herbarium specimens in Norway	K. Ivison
B3	Jan Mayen - Quaternary geological map	E. Larsen
B4	The Power of Multi-Matrix Monitoring in the Pan-Arctic Region: Plastics in Water and Sediment	J. Martin
B5	Revised marine reservoir offset (ΔR) values for molluscs and marine mammals for the archipelagos of Arctic North America and the Barents Sea	A. J. Pieńkowski
B6	Assessing the Contribution of Permafrost-Derived Organic Carbon in Arctic Alaska for the Last 40,000yrs Using Radiocarbon Age Offsets in Burial Lake Sediment Core	H. K. Sinon
B7	Evaporation from the snow cover surface in Svalbard	I. Vasilevich
B8	High resolution mapping of soil properties at the Canadian Beaufort Coast	J. Wagner
B9	Holocene vegetation dynamics in central part of Nordenskiöld Land (Spitsbergen Island) inferred from pollen records	D. Soloveva