Research in Svalbard: An APECS workshop

Monday 1st November 2021, Tøyen Hovedgård, Oslo
Times in local Oslo time (Central European Time)

https://www.mn.uio.no/ceed/english/research/news-and-events/events/conferences-and-seminars/apecs-workshop-2021.html

Program

0930-1000h	**Registration and coffee** Travel support awardees to hand in forms; posters to be set up
1000-1010	**Welcome and introduction to APECS**
1010-1030	**Keynote: Planning a visit to the Ny-Alesund Research Station and the NERC station** Nick Cox, British-Antarctic Survey (BAS)
1030-1050	**Keynote: Remote sensing opportunities for Svalbard researchers** Shridhar Jawak (SIOS)
1050-1110	**Keynote (Zoom): Wind climate of Svalbard** Irina Repina (Institute of Atmospheric Physics RAS)
1110-1125	**Talk: Automated observations of den emergence behaviour of polar bear families in Svalbard.** Joanna Maria Sulich (Polar Bears International)
BREAK (10 mins)	
1135-1155	**Keynote: Human footprints in an untouched wilderness** Susan Barr (ICOMOS International Polar Heritage)
1155-1210	**Talk: Hydroclimate reconstruction from varves taken from the proglacial lake, Linnévatnet, in Svalbard** Astrid Vikingstad (UiB and UNIS)
1210-1230	**Keynote (Zoom): Cryptogamic plants diversity of Svalbard Archipelago – results of Polar-Alpine Botanic Garden-Institute field research 2005-2021** Denis Davydov (Polar Alpine Botanical Garden-Institute RAS)
1230-1250	**Keynote (Zoom): Arctic Floating University: experience of organization of multidisciplinary research and educational expeditions in the European Arctic** Alexander Saburov (NArFU)

LUNCH (40 minutes) Lunch will be served	
1330-1400	**Keynote: The fate of your research results** Edina Pózer (UiO Science Library)
1400-1420	**Keynote: Arctic Field grant and SFF/NFR opportunities** Marianne Johansen (Norwegian Research Council)
1420-1440	**Keynote: Svalbard: a natural geological laboratory for research, education and outreach** Hans Arne Nakrem (Natural History Museum, UiO)
1440-1455	**Talk: Trapped Under Ice - The microbial diversity of open system pingos** Stefan Thiele (UiB, BCCR)
BREAK (15 mins)	
1510-1540	**Poster Pitch** 1 minute summary of poster presentations
1540-1600	**Keynote: Russian Marine Research in Spitsbergen** Denis Moiseev (MMBI RAS)
1600-1615	**Talk: Small-scale biophysical characterization of Tempelfjorden and Van Mijenfjorden sea ice using an underwater hyperspectral imagery.** Janina Osanen (UiT)
1615-1630	**Talk: Filming in the Field: Minimal Effort with Maximum Impact** Danielle Grant (NORCE)
1630-1900	**Final discussion followed by** **Poster Session and Networking** Tapas will be served

Poster presentations and attendees

1. Vanessa Pitusi (The University Centre in Svalbard) The occurrence of Nematoda in coastal sea ice on Svalbard (European Arctic) determined with the 18S small subunit rRNA gene
2. Florina Schalamon (The University Centre in Svalbard) The microclimate of Isfjorden – Observations and Model Analyses
3. Elaine Runge (The University Centre in Svalbard/University of Copenhagen) Timing and magnitude of ice algal biomass in land fast sea ice in Svalbard
4. Cheshtaa Chitkara (The University Centre in Svalbard) The IsA time series - a high Arctic system for climate change
5. Victor Gonzalez Triginer (The University Centre in Svalbard) Effects of sea ice and glaciers on marine littoral biodiversity and spatial abundance in High Arctic fjords

6. Nil Rodes (The University Centre in Svalbard) Gas hydrate stability and distribution in the fjords of Western Spitsbergen, Svalbard archipelago. An assessment based on indirect hydrate indicators.
7. Marjolein Gevers (University in Oslo/The University Centre in Svalbard) Links between glacial meltwater and proglacial groundwater upwellings at Scott Turnerbreen, Svalbard
8. Jeremy Donaire Zamora, University?, Sedimentary Load of the Icebergs Of BAHÍA FILDES Antarctica and its effect on their melt rate
9. Benjamin Lange (Norwegian Polar Institute) Physical drivers of ice algal HOTspots in a changing Arctic Ocean (PHOTA) - Towards improved understanding of bio-physical sea ice processes using state-of-the-art technologies
10. Laura Martin Garcia (University of Tromsø, The Arctic University of Norway) Sea ice diatom species-specific growth rates in relation to different light levels
11. Shalaka Patil (University of Bergen) Arctic Pingos: microbial hotspots in the cold
12. Maria Peter (NTNU: Norwegian University of Science and Technology) Modeling frost cracking intensity of a blockfield on Svalbard based on field observations
13. Tereza Mosociova (Masaryk University/The University Centre in Svalbard) Sedimentary facies analysis and architecture of alluvial fan systems within rift basin, Billefjorden Trough, Svalbard
14. Lukas Frank (The University Centre in Svalbard) The microclimate of Isfjorden
15. Zoé Forgereau (University of Tromsø, The Arctic University of Norway) Comparing the photophysiology of bottom ice algal communities from two Svalbard fjords of contrasting surface water salinities
16. Malin Andersson Stavridis (The University Centre in Svalbard) An assessment of the presence and effects of mercury in Svalbard terrestrial ecosystems
17. Grace Shephard (University of Oslo, CEED/APECS Norway) The evolution of the Arctic in DEEP geological time
18. Kyle Mayers (NORCE Norwegian Research Centre/APECS Norway) The UK Polar Network, APECS Norway and APECS Russia - National committees for early career researchers
19. Madeleine Vickers (University of Oslo, CEED) The search for Arctic "hedgehogs" and other palaeoclimatic curiosities.
20. Luisa Düsedau (Alfred Wegener Institute and Bremen University) Macroalgal biodiversity and biomass of Kongsfjorden through time and space
21. Astrid Elisabeth Ogilvie (Stefansson Arctic Institute and Institute of Arctic and Alpine Research) Understanding Resilience and Long-Term Environmental Change in the High Arctic: The Case of Svalbard.
22. Anton Neil Kuech (University of Aberdeen) Poster Title TBC

23. Sophie Duveau (EHESS/Centre Alexandre Koyré)
24. Thomas Y. Chen (Academy for Mathematics, Science, and Engineering)
25. John Aiken (University of Oslo)
26. Aleksandra Osika (University of Silesia in Katowice
27. Livia Piermattei (Department of Geosciences, University of Oslo)
28. Maaike Weerdesteijn (University of Oslo, CEED/APECS Norway)
29. Matthias Henkies (The University Centre in Svalbard)
30. Luisa Düsedau (Alfred Wegener Institute and Bremen University)
31. Monica Trondrud (Faculty of Ecology and Natural Resource Management, NMBU)

<u>Attendees (digital)</u>

32. Dhanendra Singh (HNB Garhwal University, India)
33. Marija Isailovic (former VU)
34. Risa Madoff (University of North Dakota)
35. Pavel Lapikov (Northern Arctic Federal University after named M.V. Lomonosov)
36. Sakshi Yadav (Indian Institute of Technology Bombay)

37. Gauri Bandekar (Savitribai Phule Pune University)
38. Marianna D'Amico (Ca' Foscari University of Venice)
39. Julia Guimond (Dalhousie University)
40. Taras (Interregional public organization "Green Arctic")
41. Sylvia Weging (SINTEF)
42. Saule Akhmetkaliyeva (UKPN)
43. Yuliya Zaika (APECS Russia)

Organizers of this workshop:
APECS Norway, APECS Russia, UK Polar Network;
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including Grace Shephard, Kyle Mayers, Saule Akhmetkaliyeva, Yuliya Zaika.

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Svalbard Science Conference

The Research Council of Norway

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