

AWIPEV Introduction Seminar 2021

Part II: Science

- 03 March 2021 -

Meeting link:

<https://awi.webex.com/awi/j.php?MTID=me742f16a0d48c773395b123f3928f648>

(Meeting Password: Ny-Alesund)

AGENDA

Morning Session

09:00 – 09:15	Welcome + Introduction Practical Issues; Booking; Update on Base Occupancy	Marion Maturilli, Dominique Fleury, Gregory Tran
09:15 – 09:30	Info on Ny-Ålesund Flagships, SIOS, Svalbard Science Conference	Marion Maturilli, Clara Hoppe
09:30 – 09:45	Polarisation of the auroral emissions: new developments toward ionospheric currents, tropospheric aerosols and light pollution detection	Jean Liliensten
09:45 – 10:00	New cloud and precipitation observations as part of SYNCLOUD	Stefan Kneifel
10:00 – 10:15	Tethered balloon-borne observations of cloud, turbulence, aerosol and radiation at Ny-Ålesund	Holger Siebert
10:15 – 10:30	Emerging organic contaminants in the Arctic	Zhiyong Xie
30 min break		
11:00 – 11:15	HOMAGE – High Arctic Organic MATter Cycling in Glacial Environments	Chris Trivedi
11:15 – 11:30	Long-term interactions between snow and the atmosphere in the Arctic (ARCSNOW-2)	Hans-Werner Jacobi, Jean-Pierre Dedieu
11:30 – 11:45	Gravity variations in polar regions - Constraints on postglacial rebound and present-day ice melting	Jean-Paul Boy
11:45 – 12:00	Mars Analogues	Ernst Hauber, Harald Hiesinger, Andreas Johnsson
12:00 – 12:15	CO ₂ release from permafrost soils in the Bayelva and Corbel area	Janet Rethemeyer
12:15 – 12:30	ORNITHO-ENDOCRINO project: Contaminants exposure and maternal effects in arctic seabirds	Olivier Chastel
75 min break		

After lunch: short session for sub-group of participants

13:45 – 14:00	Information <u>for AWI-internal projects only</u> : AWI-internal POF evaluation for expeditions (relevant for 2022 field work)	Marion Maturilli
14:00 – 14:20	Information <u>only for projects with operation by AWIPEV staff in absence of project scientists</u> : Transfer from AWIKIPEV to AWIPEV Spaces	Marion Maturilli Verena Mohaupt
10 min break		

Afternoon Session

14:30- 14:45	Arctic gelatinous zooplankton in the Polar Night	Charlotte Havermans
14:45 – 15:00	Monitoring Arctic Phytoplankton 2021	Willem van de Poll
15:00 – 15:15	Arctic phytoplankton under multiple stressors: in situ monitoring and experiments in 2021	Clara Hoppe, Klara Wolf
15 min break		
15:30 – 16:00	Introduction to FACE-IT; Consequences of cryosphere reduction to Arctic seaweeds: Impact of sedimental run-off and significance of local adaptation	Kai Bischof
16:00 – 16:15	10 years of melting: Re-assessment of the hard bottom benthic community off Hansneset (Blomstrand) and deeper digging into macroalgal biodiversity	Inka Bartsch
16:15– 16:30	Fate of macroalgal detritus as food source in polar coastal ecosystems	Benoit Lebreton, Lars Gutow, Jan Beermann
16:30– 16:45	Effects of environmental changes on Arctic benthic communities	Steeve Comeau
- 17:00	Discussion	Marion Maturilli