

Ny-Ålesund Atmosphere Flagship open workshop

4 November 2019 in Oslo, Norway



Photo: Helge T. Markusen, NPI.

The Ny-Ålesund Atmosphere Flagship will arrange a workshop 4. November 2019 at Scandic Fornebu in Oslo, Norway. This workshop is followed by the two days [Svalbard Science Conference](#), where the focus is on Svalbard in a pan-Arctic setting.

Program 4 Nov 2019

12:00 – 13:00 Lunch

13:00 – 13:15 Welcome, agenda, logistics, latest news (flagship chair: Radovan Krejci)

Presentations

13:15 – 13:30 Metrology, calibrations and traceability of climatological observations (Andrea Merlone)

13:30 – 13:45 Impact of rocket launch on snowpack in Ny Ålesund (Andrea Spolaor)

13:45 – 14:00 Precipitation and snow monitoring at Ny Ålesund (Hans-Werner Jacobi)

14:00 – 14:15 New Norwegian airborne research facility (Ida Marie Larsen)

14:15 – 14:30 Albedo observations using drone at Esmark and Aldegonda glaciers (Boris Ivanov)

14:30 – 14:45 Atmospheric transport and deposition of emerging organic contaminants in the Arctic (Zhiyong Xie)

14:45 – 15:00 New pollutants in Arctic air: Focus on CEACs and Plastics (Roland Kallenborn)

15:00 – 15:15 UV radiation network (Vito Vitale)

15:15 – 15:45 Coffee break

Discussions (15:45 – dinner)

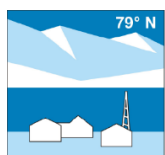
Items to be discussed:

-Links between ground based and airborne observations including planned and past campaigns involving drones, UAVs, tethered balloons

-Links and use of remote sensing and in-situ data (lidars, radars, platforms and Ny-Ålesund and Zeppelin Observatory) for atmospheric composition and boundary layer research

-New “snow supersite” close to Gruvbadet and links with atmospheric observations & what we have learned from rocket launch

-Development of Gruvbadet as open access “Ny Ålesund atmospheric laboratory”



-Ny-Ålesund & MOSAiC – intensive IOP 2019 – 2020
-Emerging pollutants & microplastics – continuation of discussion if needed
-Bioaerosols
-Future of the Atmospheric flagship (on-site integration, joint analysis of 2019-2020 IOP, Atmosphere Flagship workshop 2021, flagships integration and joint application to SSG, intensive “summer school” under umbrella of Flagship program).

19:00 Flagship common dinner at Scandic Fornebu Restaurant

Registration

Please register [here](#).

Support

The meeting is free of charge and includes coffee breaks, lunch and dinner.

We also have the possibility to support those who need it with limited travel fund. Please be in contact with Christina at christina.pedersen@npolar.no with your request.

Venue

The venue will be at the [Scandic Hotel at Fornebu](#), Oslo, Norway. This is the same venue as for the Svalbard Science Conference.

More flagship activities

The flagship is also sponsoring two workshops on more specific topics:

- 7 November, Oslo (Scandic Fornebu). Flagship workshop on Metrology. Responsible: A. Merlone (CNR). [First Circular](#).
- 7-8 November, Oslo (CICERO). Flagship workshop on black carbon. Responsible: S. Gilardoni (CNR), R. Modini (PSI) and M. Zanatta (AWI). [Second Circular](#).

Read more

Atmosphere Flagship [webpage](#)

Workshop [webpage](#)

Contact persons

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