



DATE: 01.11.2021

---

TIME: 13:00-18:00 local time (CET)

---

WHERE: Hybrid meeting - Scandic Fornebu and Zoom (Zoom details can be found at the end of the program)

---

## ***Ny-Ålesund Atmosphere Flagship meeting***

### ***Program***

#### **Welcome**

13:00 – 13:15

Welcome after 2 years in virtual space (Radek & Stephen)

#### **Science talks**

13:15 – 13:30

Stephen PLATT, NILU

*Atmospheric composition in the European Arctic and 30 years of the Zeppelin Observatory, Ny-Ålesund*

13:30 – 13:45

Sandro DAHLKE, AWI

*The observed recent surface air temperature development across Svalbard and concurring footprints in local sea ice cover*

13:45 – 14:00

Xie ZHYIONG, Hereon

*Long-range transport and air-snow exchange of emerging organic contaminants in the Arctic*

14:00 – 14:15

Roland KALLENBRON, NMBU & UNIS

*PFAS in the Ny-Ålesund environment, Roland Kallenbron*

14:15 – 14:30

Alena DEKHTYAREVA, Uni Bergen

*Nitrogen oxides and tropospheric ozone in Svalbard: measurements in Ny-Ålesund, Barentsburg and Longyearbyen*

14:30 – 14:45 *Coffee break*

14:45 – 15:00

Ann-Marie FJAERA, NILU

*Recent results for Svalbard Pandora Spectrometer instrument and opportunities for future Atmospheric Cal/Val activities in Arctic areas*

15:00 – 15:15

Thomas Y CHEN, Academy for Mathematics, Science & Engineering

*Forecasting Atmospheric Change via Machine Learning*

15:15 – 15:30

Harald SODEMANN, Uni Bergen

*Coordinated aircraft campaigns in March 2022*

15:30 – 15:45

Christina PEDERSEN, NPI

*Ny Ålesund GIS*

## Discussions

15:45 – 18:00

*(Including a coffee break at 16:30)*

### *Atmospheric Flagship 2021 – 2023*

- SSF grant: Discussion & planning how to achieve what we promised
- Atmospheric flagship workshop – KOPRI 2022
- Join data analysis with MOSAiC. Data exchange, channels how to keep both communities informed on progress and directions of data analysis and science
- Studies focused on microplastics
- Intercalibration/standardization of measurements – Ny Ålesund lab
- Upcoming campaigns and experiments, new national and international projects in coming year(s)
- New emerging pollutants, surveys, screening, targeted analysis
- Better integration of resources and measurements: BL meteorology, air-snow exchange
- Development of Gruvbadet and Zeppelin
- AOB

## Meeting dinner

There will be a buffet style dinner for all participants at Scandic Fornebu at 19:00.

## ***Link for attendance through virtual space - ZOOM***

<https://npolar->

[no.zoom.us/j/69956102056?pwd=S1M2WFE2MlAvTkNqMEVBK0RrcDIldz09](https://npolar-no.zoom.us/j/69956102056?pwd=S1M2WFE2MlAvTkNqMEVBK0RrcDIldz09)

Meeting ID: 699 5610 2056

Passcode: 226140

Join by SIP

[69956102056@109.105.112.236](https://109.105.112.236:3498/join/69956102056@109.105.112.236)

[69956102056@109.105.112.235](https://109.105.112.235:3498/join/69956102056@109.105.112.235)

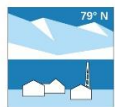
Join by H.323

109.105.112.236

109.105.112.235

Meeting ID: 699 5610 2056

Passcode: 226140



Ny-Ålesund Science  
Managers Committee

