

Open Side Event Thursday, 9. Nov. 2017: Atmosphere research in Svalbard

See <https://forskningsradet.pameldingssystem.no/svalbard-science-conference-2017?tab=program#Thursday>

For updated information please check the Atmosphere Flagship web site at:

<http://nysmac.npolar.no/research/flagships/atmosphere.html>

Venue: Scandic Fornebu Hotel

Tentative schedule:

- 09:00 Introduction and goals for the day
- 09:15 Establishment of today's discussion groups
- 10:30 Joint coffee break
- 11:00 discussion groups continued
- 12:00 joint lunch break
- 13:00 discussion groups continued
- 14:30 Coffee break
- Individual discussions and wrap ups
- 17:00 Adjourn

Suggested Discussion groups:

- Long term observations and trends, and radiation budget relevant parameters
Marion Maturilli, AWI
- Boundary Layer meteorology (in situ + remote sensing)
from small scale mass and energy fluxes to BL structure (in-situ + remote sensing)
Angelo Viola, CNR
- Clouds and aerosol observations: what we can learn about aerosol-clouds and clouds-aerosol interactions from combining remote sensing and in-situ observations
Kerstin Ebell, Univ. Cologne and David Cappelletti, Univ. Perugia
- Aerosol life cycle (remote sensing and in-situ observations, NyA & Zeppelin, special case of July 2015 biomass burning event)
Christoph Ritter, AWI and Radovan Krejci, U. Stockholm
- Snow & Atmosphere (from removal to deposition and redistribution in snow and ice)
J.C. Gallet, NPI
- Atmosphere Composition, green house and trace gases, O₃ & UV
Georg Hansen, NILU
- Upper atmosphere / ionosphere ??