



Part 1: ACLOUD Data Workshop

Monday 20. November 2017

Venue:

Leipzig, Institute for Meteorology, Prager Str. 34, Seminar room 5th floor
Tram 15 direction Meusdorf: hop off at stop Ostplatz

Presentations: max! 15min + 5min discussion,
include one slide with a) potential golden days b) ideas for cross-cutting activities

PRELIMINARY AGENDA:

- 09:00 Welcome
- 09:05 André Ehrlich: Overview
- 09:20 Bernd Heinold et al.: Synoptic overview of ACLOUD
- 09:40 Dmitry Chechin et al. The observed atmospheric boundary layer structure
- 10:00 Johannes Stapf: Cloud radiative forcing

Coffee Break

- 11:00 Regis Dupuy: Cloud microphysical measurements - CIP, PIP and CDP
- 11:20 Emma Järvinen: Cloud microphysical measurements – SID-3, PHIPS
- 11:40 Stephan Mertes: Cloud residual and vertically resolved Arctic aerosol
- 12:00 Oliver Eppers: First results of ALABAMA and trace gas measurements

Lunch Break

- 13:30 Marco Zanatta: BC atmospheric and snow concentrations
- 13:50 Mario Mech et al: MiRAC observations of cloud vertical profile
- 14:10 Elena Ruiz: Cloud remote sensing with Eagle/Hawk
- 14:30 Evi Jäkel: Surface Radiative Properties

Coffee Break

- 15:20 Rosa Gierens: Remote sensing at Ny Ålesund
- 15:40 Christoph Ritter: Lidar observations and Radio soundings in Ny Ålesund
- 16:00 Roland Neuber: AMALi observations
- 16:20 Discussion: Joint Studies?
Golden Days?
Preparation for Cross-Cutting...

19:00 Joint Dinner: Moritzbastei – Schwalbennest (Universitätsstraße 9, Leipzig)



Part 2: Cross-cutting activities

Modelling – ALOUD – PASCAL – Ny Ålesund

Tuesday, 21 November 2017

Venue

Leibniz-Institute for Tropospheric Research, Seminar room
 Permoser Str. 15, Tram 3 to Permoserstr/Torgauer Str. Turn right in direction of travel to Permoser Str., enter the science park on the left hand side.

Preliminary Programme

- | | |
|---------|--|
| 9.00 h | Welcome and overview |
| 9.10 h | Report from Modelling (20 + 20 min) |
| 9.50 h | Report from Ny Ålesund (20 + 20 min) |
| 10.30 h | Coffee |
| 11.00 h | Report from PASCAL (20 + 20 min) |
| 11.40 h | Report from ALOUD (20 + 20 min) |
| 12.20 h | Discussions |
| 13.00 h | Lunch |
| 14.00 h | Breakout groups
Possible themes: |
| | (i) Aerosol distribution |
| | (ii) Aerosol – cloud interactions |
| | (iii) Cloud variability / microphysical processes |
| | (iv) Surface fluxes in relation to clouds and sea ice |
| | (v) Polarstern pollution |
| | (vi) Clouds in cold air outbreaks |
| | (vii) Assessing polar clouds by synthesising observations and models over Ny-Ålesund |
| 15.30 h | Coffee |
| 16.00 h | Reports from breakout groups, final discussions |
| 16.45 h | End of day 2 |