



(AC)³ General Assembly

November 27 – 28, 2017

Institute for Geophysics and Meteorology (IGM), Cologne

Agenda

MONDAY, 27 November

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| 09:00 – 09:10 | Welcome and introduction – <i>Manfred Wendisch</i> |
| 09:10 – 10:00 | Reports of Speaker & Scientific Coordinator, Approval of financial report by the GA, Award “Best PhD student Paper 2017”. |
| 10:00 – 11:00 | ACLOUD campaign – <i>André Ehrlich</i> |
| 11:00 – 11:30 | <i>Coffee break</i> |
| 11:30 – 12:30 | PASCAL campaign – <i>Andreas Macke</i> |
| 12:30 – 13:30 | <i>Lunch</i> |
| 13:30 – 14:30 | Gender Equality Management – <i>Susanne Crewell</i> |
| 14:30 – 15:30 | XCutting Activities (Summary of Leipzig Workshop) – <i>Johannes Quaas, Kerstin Ebell</i> |
| 15:30 – 16:00 | <i>Coffee break</i> |
| 16:00 – 17:00 | Discussion of SAB report (incl. ocean) – <i>Manfred Wendisch</i> |
| 17:00 – 18:30 | Cluster breakout groups meet separately (different Meeting Rooms are available) |
| 19:30 | <i>Joint dinner at “Alte Feuerwache”</i> |

TUESDAY, 28 November

09:00 – 09:45

Selected Scientific Highlights:

▪ **Cluster A:**

- Tethered balloon-borne energy budget measurements in the cloudy central Arctic *Matthias Gottschalk, UNI-L & Ulrike Egerer, TROPOS*
- Arctic aerosol, cloud, and radiation characteristics from ground-based observations and modelling *Hannes Griesche & Carola Barrientos, TROPOS*

09:45 – 10:30

Selected Scientific Highlights:

▪ **Cluster B:**

- Remote sensing of aerosol properties and surface reflectance in the Arctic from satellite observations *Soheila Jafariserajehlou, UNI-B*
- Latitudinal variability of water vapour, aerosols, and optically thin clouds *Philipp Richter, UNI-B*

10:30 – 11:00

Coffee break

11:00 – 11:45

Selected Scientific Highlights:

▪ **Cluster C:**

- Influence of surface heterogeneity on radiative forcing and retrieval of aerosol and cloud properties in the Arctic *Christine Poh, UNI-B & Evi Jäkel, UNI-L*
- Interactions of snow on sea ice with atmospheric constituents including black carbon *Marco Zanatta, AWI-B & Tobias Donth, UNI-L*

11:45 – 12:30

Selected Scientific Highlights:

▪ **Cluster D:**

- Large-scale dynamical impacts on regional Arctic climate change *Daniel Mewes, UNI-L*
- Arctic clouds in high- and coarse-resolved models *Jan Kretzschmar, UNI-L*

12:30 – 13:30

Lunch

13:30 – 14:15

Selected Scientific Highlights:

▪ **Cluster E:**

- Ny-Ålesund column thermodynamic structure, clouds, aerosols, radiative effects *Tatiana Nomokonova, UNI-K & Sandro Dahlke, AWI-P*
- Process-level assessments of Arctic low-level clouds *Robert Rauterkus & Rosa Gierens, UNI-K*

14:15 – 14:45	MOSAiC Overview talk & Planning – <i>Klaus Dethloff</i>
14:45 – 15:15	<i>Coffee break</i>
15:15 – 15:45	A possible contribution to $(AC)^3$ – <i>Corinna Hoose, MPI</i>
15:45 – 17:15	Summary of Cluster breakout groups
17:15	End

Notes for the speakers:

- Please try to observe the time constraints as we have a tight schedule.

Meeting Location

The $(AC)^3$ GA meeting will take place at the **Institute for Geophysics and Meteorology (IGM)** in Cologne
<http://www.geomet.uni-koeln.de/index.php?id=152&L=1>).

University of Cologne
 Institute for Geophysics and Meteorology
 Pohligstraße 3
 50969 Cologne

The **Institute for Geophysics and Meteorology** is situated in the south of Cologne, Pohligstraße 3, 50969 Cologne. The closest tramline stop is Pohligstrasse, line 12



The General Assembly and the Workshop will be held in the Lecture hall HS 4.001.

You get there by entering at the **main entrance** (see map, **Pohligstraße 3**, 50969 Cologne). Please take the elevator to the 3rd floor and follow the General Assembly signs.

Another way to enter the building is from stop Pohligstraße on **Höninger Weg**, 50969 Cologne, passing along the small street leading off Höninger Weg between the espresso machine shop (Fransesconi, on your right) and the Unicef shop (on your left). There is a large white House number “100” ahead. Next to it is the entrance to the building. If the door is closed, press the bell button “*Hörsaal Universität Köln*” and take the elevator or the stairs to the 4th floor.

The Institute can be easily reached from the Cologne/Bonn or Düsseldorf airport and from Cologne main station. Public transportation is in general much cheaper than taking a taxi and often also faster:

- **Coming from Cologne/Bonn airport (Köln/Bonn Flughafen):** The institute building can be reached by regional trains within 40 min. with S-Bahn (S13), which leave approximately every 20 min. from track 2 towards Düren. Exit S13 at Cologne Hansaring (one stop after Cologne central station "Hauptbahnhof"). Take the stairs down to the underground station and take the tramway 12 direction "Zollstock". Get off at Pohligstraße after appr. 15 min.
- **Coming from Cologne central station (Dom/Köln Hauptbahnhof):** Tramlines 16 or 18 leave every 5 min. towards Sürth or Klettenberg/Brühl. Get off at Barbarossaplatz. Change to tramline 12 in direction Zollstock. Get off at Pohligstraße after appr. 7 min.
- **Coming from Düsseldorf (DUS) airport:** At Düsseldorf airport get onto the Sky Train (signposted with also a sign for the Deutsche Bahn, DB), you don't have to pay for this. This will take you into the railway station (last station on the Sky Train) where you can purchase your rail ticket to Cologne (travel time 40 min). Take the "RE" train, the IC or ICE trains are much more expensive but not much faster. The ticket "RegioTicket Preisstufe 5" will cost 11.40€.

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With a KVB city ticket price category ("Preisstufe 1b", 2.80 € one-way) you can take regional trains (S-Bahn, RB, RE), tram or bus to go from Cologne airport or main station to the institute. Look for the red KVB ticket machines. Ticket machines outside the tram or busses accept Euro coins and credit cards, inside the tram or busses you can only pay with Euro coins (NO Euro notes!). The regional trains don't have ticket machines inside.

Cologne public transport: <http://auskunft.kvb-koeln.de/kvb/cgi/page/eingabeRoute?lang=UK>

Deutsche Bahn (National and regional trains): <https://www.bahn.com/en/view/index.shtml>

(AC)³ - Joint Dinner: Alte Feuerwache

Alte Feuerwache,
Melchiorstraße 3
50670 Cologne

The closest tramline stop is Ebertplatz, line 12 (see map).

←

from Pohligstraße 3, 50969 Köln
to Melchiorstraße 3, 50670 Köln

4:45 PM - 5:05 PM (20 min)

12

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🚶

4:47 PM from Köln, Zollstock Pohligstr.

🚶 5 min

every 10 min

SCHEDULE EXPLORER

4:45 PM

○

Pohligstraße 3

50969 Köln

🚶

Walk

✓ About 2 min, 120 m

4:47 PM

○

Köln, Zollstock Pohligstr.

12

Köln, Merkenich

✓ 15 min (9 stops)

5:02 PM

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Köln, Ebertplatz

🚶

Walk

✓ About 3 min, 290 m

5:05 PM

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Melchiorstraße 3

50670 Köln

Tickets and information

KVB Kölner Verkehrs-Betriebe AG - 0221 5470

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

