

28th International Polar Conference – 2nd Circular

- Polar Regions, Climate Change and Society -

Cologne, September 6–11, 2020

The German Society of Polar Research cordially invites you to attend the 28th International Polar Conference, which takes place in Cologne on September 6–11, 2020.

The polar and alpine environment faces dramatic changes, which are observed in all climate components including the atmosphere, ocean, ice, and soils. These changes have consequences not only for fauna, flora, and marine organisms, but also for human beings, their settlements and local and non-local economy. In view of the biases in space and time, whole-year and long-term observations are desperately needed as well as comprehensive views into past climates and geological settings. This requires ambitious sample strategies, new technologies, installation of modern infrastructure and modelling efforts covering the relevant processes and scales in space and time.

Topics:

Oral and poster contributions are welcome in the field of polar and high mountain research covering the following themes and related topics:

- Polar Research in a Changing Society
- Humans in the Changing Arctic
- Coole Klassen – Polarbildung in der Schule
- Atmosphere, Sea-ice, and the Polar Ocean
- Glaciers, Ice Sheets and Sea-level Rise
- Hunting for the Oldest Ice
- Tectonics and Geodynamic Processes of Polar Regions
- Stratigraphy and Evolutionary Dynamics at High Latitudes
- Facing Polar Climate Change: Insights from the Past
- Permafrost in a Warming World: Impacts and Consequences
- Organisms in the Face of Climate Change: Discoveries and New Approaches
- Astronomy and Astrophysics in Polar Regions
- Needs for Innovative Polar Infrastructure
- Polar Resources and Governance: Chances and Risks
- Polar Ecosystems: State, Changes and Management
- Polar Research through the Lens of an Artist
- Report Colloquium of SPP “Antarctic Research”

Deadline:

The deadline for registration and abstract submission is April 30, 2020.

Website: <https://polarforschung.de/events/28-internationale-polartagung-koeln/>

Venue:

University of Cologne, central Lecture Hall, Universitätsstr. 35.

The coordination workshop of the DFG Priority Program (SPP) “Antarctic Research” will be held at the Institute of Geology and Mineralogy, Zülpicher Str. 49.

Travel:

Cologne can be reached quickly from the international airports in Frankfurt (~1 hr by ICE train to Cologne Main Station), Düsseldorf (~40 min by regional train), and Köln/Bonn (~15 min by local train). For orientation and public transport within Cologne see maps for download on the conference website.

Accommodation:

A list of hotels providing reduced expenses for accommodation is published on the conference website. All participants are kindly asked to book their accommodation by themselves.

Program:

Sunday	APECS Workshop; DGP Board Meeting; <u>Icebreaker Reception</u>
Monday	<u>Opening</u> ; Oral Sessions; Poster Session I; Working Group “Polar Teachers”; <u>Public Talk</u> by Prof. Karin Lochte (former director of AWI) on the MOSAiC project (main auditorium [Aula], Main University Building)
Tuesday	Oral Sessions; Working Group Meetings
Wednesday	Oral Session; DGP Members’ Meeting; Poster Session II; <u>guided tours to “Cologne AMS”</u> (see below); <u>Conference Dinner</u> on vessel „Loreley“ on the Rhine River
Thursday	Oral Sessions; guided <u>City Tours</u> (see below)
Friday	<u>Full-day Excursion</u> (see below);

Conference Language is English (selected sessions may be held in German).

The conference will be held in cooperation with the DFG Priority Program (SPP) 1158 “Antarctic Research”. The SPP Report Colloquium will be integral part of the conference. On Thursday noon the conference will be finished, and the Coordination Workshop of the SPP will start (at the Institute of Geology and Mineralogy), which is planned to end on Friday evening or on Saturday noon, depending on the planned project presentations. Please check the website.

On Monday a Special Teachers and Schools Day is planned. For details please see conference website.

Excursions:

The following excursions are offered (booking via the conference website; realization depending on sufficient interest):

Wednesday	15:30 and 16:30: tours to "CologneAMS", the DFG Large Research Facility for cosmogenic nuclide dating by Accelerator Mass Spectrometry (free admission)
Thursday	14:00-16:00: Cologne city tour "Historic City Center" (€ 15) 14:00-16:00: Cologne city tour "Sagas, Legends, Myths" (€ 15) 21:00-22:30: Cologne city tour "Scary Night" (€ 15)
Friday	<u>09:00-15:00: Day excursion</u> to Eifel region (volcanology), guided by Dr. Birgit Scheibner (€ 40)

Awards:

The DGP will award prizes to the three best poster presentations as well as for the winners of the photo contest (details see conference website).

Best Poster Presentations: € 300, € 200 and € 100
Polar Photo Contest: € 150, € 100 and € 50

Registration fee:

Regular registration fee (by 15 June 2020)	€ 150
Reduced registration fee (by 15 June 2020)	€ 75
Regular registration fee (after 15 June 2020)	€ 200
Reduced registration fee (after 15 June 2020)	€ 100

The reduced registration fee holds for Bachelor, Master and PhD students.

For teachers the admission will be free on Monday, on the Special Teachers and School Day. However, we ask teachers to register on the website and mark the one-day attendance.

The registration fee includes the complete catering, namely all lunch and coffee breaks (Monday to Thursday), Icebreaker Reception (Sunday evening) and Conference Dinner (Wednesday evening).

Payment:

The payment of the registration fee can be made in two ways: (a) by bank transfer – which is the preferred method of payment, and (b) by credit card. Please be aware that for credit card payment an additional fee of € 3 will be charged.

Bank transfer has to be made to the account of the German Society of Polar Research. Please do not forget to state the reference "Polartagung 2020" which is indispensable to correctly assign your payment.

Recipient of payment:	Deutsche Gesellschaft für Polarforschung
IBAN:	DE15 2501 0030 0001 4943 06
BIC:	PBNKDEFFXXX
Bank:	Postbank Hannover
Reference:	Polartagung 2020

For credit card payments Visa or Mastercard are accepted. However, we cannot offer an online credit card payment. Therefore, when filling the online registration form you will be offered a pdf form for download. This form can be filled in on your computer. Please sign the form and send it to the treasurer of the DGP, Dr. Mirko Scheinert (fax the originally signed form to +49 351 463 37063, or scan the form and email it to Mirko.Scheinert@tu-dresden.de).

Equality policies including child care:

Support in terms of equality policies will be provided, especially for child care during the conference. Please contact the local organizing committee (email see below).

Questions:

If you have any questions please contact polartagung2020@polarforschung.de.

28. Internationale Polartagung 06. - 11. September 2020



Universität zu Köln



DFG-SCHWERPUNKTPROGRAMM 1158
**ANTARKTIS
FORSCHUNG**
mit vergleichenden Untersuchungen in arktischen Eisgebieten



APECS
Association of Polar
Early Career Scientists
GERMANY