



To the
Scientists of the
DFG Priority Program 1158
„Antarctic Research with Comparative Investigations in Arctic Ice Areas“

August 7th, 2018

Newsletter No. 26
Priority Program „Antarctic Research“ August 2018

Dear Sir or Madam,
Dear Colleagues,

In this summer newsletter, we provide

1. important information about the upcoming coordination workshop to be held in Gießen in September
2. the new call letter of the German Research Foundation (DFG) for the next application period will be send separately this year and will be posted online by the coordination team as soon as possible.

Polar Conference Rostock

The 27th International Polar Conference took place at the University of Rostock from 25 to 29 March 2018 and brought together national and international experts from universities, major research institutes, polar teachers and interested lay people on the subject "Polar Systems under Pressure". 213 scientists from 13 countries attended the conference representing all disciplines of polar research. Around 35% of the participants did not come from Germany, most of the foreign colleagues originated from Russia and Poland, 82 oral presentations were given and 90 posters were discussed in 2 sessions. The results are available for the public in the abstract-booklet of the "Berichte zur Polarforschung" (Volume 716). At the conference all fields of polar research were addressed, i.e. the cryosphere with glaciology, sea ice and permafrost, polar geology and geophysics, Arctic climate and atmosphere processes, polar oceanography and biological systems of marine and terrestrial polar regions. The working group of the Polar Teachers (AK Polarlehrer) of the German Society for Polar Research (DGP) dealt with polar topics in school lessons. The report colloquium of the DFG Priority Program 1158 "Antarctic Research with Comparative Investigations in Arctic Ice Areas" was also conducted in the context of this polar conference, and the four interdisciplinary topics "Development of the

Continent", "Gateways to Lower Latitudes", "Dynamics of Climate System Components" and "Response to Environmental Change" were held as symposia with international keynote speakers. Thus, the great significance of the 27th International Polar Conference in Rostock for the international scientific exchange and especially for the SPP was documented.

Topic Workshop Oberpfaffenhofen

This year's Topic Workshop on "Big Data & Polar Research" took place on 7 and 8 May 2018 at the DLR in Oberpfaffenhofen. Responsible for the planning and structure of the workshop were the two coordinators Matthias Braun and Boris Koch. The focus was on remote sensing, data integration and modeling. For this purpose, speakers from various disciplines were invited and experiences exchanged. Afterwards breakout groups worked on and discussed four important topics: "(raw) data management", "process efficiency", "data evaluation / data services" and "improvement of expertise". The identified deficits as well as assessments and future developments are presented and discussed in a white paper.

Coordination Workshop, 12.-14.9.18, Universität Gießen

The annual coordination workshop of the DFG Priority Program "Antarctic Research" will take place from 12-14 September 2018 in Gießen. It targets scientists from German universities and research institutions involved in Antarctic research and is **obligatory** for applicants who would like to apply for a new project within the Priority Program (5 minutes presentation) or who apply for an extension, as well as for those currently funded by the Priority Program (poster presentation). Talks and posters will be presented in English. You can find more information on our website (currently only German version available): <https://www.spp-antarktisforschung.uni-rostock.de/organisation/workshops/koordinationsworkshop/>

Please note that the latest approved projects should also be presented with a poster. The registration deadline for contributions for the coordination workshop is August 24th 2018.

Please fill in the attached application form and send it via email to the coordination office (Angelika Graiff) at the University of Rostock (SPP-Antarktisforschung@uni-rostock.de).

The presenting participant (talk or poster) can claim travel expenses via the SPP coordination office. Any of the authors can participate. Please use saving prices ("Sparpreis") of the Deutsche Bahn.

You are responsible for your own hotel reservation in Gießen, which you are welcome to book in the partnering hotels (see attachment). Please note that the current upper limit for hotel accommodation in Gießen as defined by DFG is 65 Euro. However, we are aware of higher prices during the given period, and **slightly** higher price will be accepted. In case you select an expensive alternative, a justification will be necessary for the travel reimbursement. Hotel suggestions with a number of reserved rooms can be found in the appendix. Please note the expiration dates of the reserved contingents!

The coordination workshop will start on September 12th at 7:00 pm with an Icebreaker in the *neuen Chemiegebäude* (Heinrich-Buff-Ring 17) of the *Justus-Liebig-Universität*. On Thursday and Friday (13st September and 14th September from 8:30 am) the presentations will take place at the *neuen Chemiegebäude*. An evening event (congress dinner) is planned at the *Mathematikum* (13th September starting at 7:00 pm). The workshop is scheduled to end around 3 pm on Friday afternoon. Here you will find an overview plan of Gießen including the different locations of the workshop <https://drive.google.com/open?id=1H2DAn5snXr48rRL7fm3wblLuxcZ6ifhB&usp=sharing> and in the appendix.

Further information will be circulated at the beginning of September after registration closure.

The working group of the Polar Teachers (AK Polarlehrer) of the German Society for Polar Research has again expressed interest in participating in the coordination workshop in order to establish contacts between scientists and teachers and to promote new ideas for the education of students with regard to polar topics. If you want to offer an interesting side event or have ideas, please contact the coordination office (SPP-Antarktisforschung@uni-rostock.de).

Current application period and new application period

The current funding approvals as well as the letters of rejection of the current application period 2017/2018 have been sent by the German Research Foundation (DFG) and should have arrived in your mailbox by now. This ends the current 6-year funding period of the SPP Antarctic Research.

For the upcoming application period 2018/2019 the new concept of the SPP Antarctic Research 2019-2024 will apply, which has many new objectives and issues (see SPP website: <https://www.spp-antarktisforschung.de/forschung/antragsperioden/antragsperiode-2019-2024/>). Applications can be submitted again for up to 3 years in the new funding period. The deadline for submission is November 5th, 2018. The elan portal will be open from October 15th, 2018. Further details will follow in the call letter of the DFG separately.

Best regards and enjoy a nice summer time,

Ulf Karsten, Petra Quillfeldt, Matthias Braun, Boris Koch und Angelika Graiff