



German Society for Polar Research (DGP e.V.)

27th International Polar Conference

25 – 29 March 2018, University of Rostock, Germany

“Polar Systems Under Pressure”

1st Circular

The cold regions of the Earth – Arctic, Antarctica and the high mountain ranges – are exposed to fundamental changes due to global warming and direct anthropogenic pressures. The Arctic sea ice as well as glaciers in Greenland and Alpine mountains are not only losing huge areas, but also habitats for many unique organisms depending on the cold habitats. The terrestrial permafrost is thawing leading to increased greenhouse gas emissions. However, these changes ranging from loss in cryospheric extent to coastal erosion or neobiota have many but yet unknown consequences for polar physico-chemical, biogeochemical and geological processes as well as for polar organisms and their ecosystems.

The German Society for Polar Research invites you to the 27th International Polar Conference at the University of Rostock, Germany, 25th – 29th March 2018, to discuss the cold region changes and consequences.

Contributions are welcome in the field of **polar and high mountain research** covering the following and related topics:

- Cryosphere – Glaciology, Sea Ice, Permafrost
- Climate and Atmosphere
- Biological Responses, Acclimation and Adaptation
- Modern Methods in Polar Research
- Report Colloquium of the DFG SPP 1158
- Geology and Geophysics
- Polar Oceans
- Biogeochemical Cycles and Food Webs
- Historical and Socio-Economic Aspects
- „Cool Classes“: Polar Topics at Schools

Highlights

- Science sessions (26 – 29 March 2018)
- Icebreaker
- Conference dinner
- Public evening lecture in the historical University’s Main Hall

Location and Venue

- Hanseatic City of Rostock
 - holding its 800th anniversary
- University of Rostock
 - “Südstadtcampus”, Institute of Physics, Albert-Einstein-Str. 22 - 24

Conference language: English (special German Sessions are possible)

The conference will be held in cooperation with the **Priority Program (SPP) 1158 „Antarctic Research with Comparative Studies in Glaciated Arctic Regions“** of the German Research Foundation (DFG).

Detailed information on registration fees, excursions and program will be published on the conference website (www.dgp-ev.de) by mid-June 2017 and in the 2nd Circular.

Deadline for registration and submission of abstracts: 30th November 2017!



Universität
Rostock



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