

Deutsche Gesellschaft für Polarforschung e.V.

Program of the 27th International Polar Conference

25 – 29 March 2018

Rostock, Germany

Sunday, 25 March 2018

- 15:00 – 18:00 APECS – Getting involved in Polar Organizations: Opportunities and Challenges (ITMZ, room 110)
- 15:00 – 17:00 DGP Meeting, Executive Board (ITMZ, room 109)
- 18:00 – 21:00 Icebreaker (Atrium ITMZ; sponsored by the shipping company Laeisz GmbH)

Monday, 26 March 2018

- 08:00 – 08:15 Registration
- 08:30 – 09:45 Opening and honors
Wolfgang Schareck, University of Rostock, Rector
Ulf Karsten, University of Rostock
Eva-Maria Pfeiffer, DGP Chairwoman
Hans-W. Hubberten, DGP Vice Chairman

History of Polar Research

Conveners: Jörn Thiede, Erki Tammiksaar

- 09:45 – 10:00 *Jörn Thiede (Köppen Laboratory, Institute of Earth Sciences, Saint Petersburg State University) – Wladimir Köppen, Alfred Wegener, and Milutin Milankovitch: their impact on modern paleoclimate research and the revival of the Milankovitch hypothesis*
- 10:00 – 10:15 *Hartwig Gernandt (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research) – German permanent research facilities in Antarctica – a 40 years record*
- 10:15 – 10:45 Coffee break**
- 10:45 – 11:00 *Diedrich Fritzsche (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research) – Walther Bruns, Gründer der „Aeroarctic“ – ein vergessener Pionier der Deutschen Polarforschung*

- 11:00 – 11:15 *Mechthild Opel, W. Opel* – A new take on Johann August Miertsching
- 11:15 – 11:30 *Cornelia Lüdecke (University of Hamburg)* – Historische technische Innovationen für die Arktisforschung
- 11:30 – 11:45 *Erki Tammiksaar (Estonian University of Life Sciences University of Tartu)* – Schiff oder Schlitten? Über die Eroberung der Pole
- 11:45 – 12:00 *Barbara Schennerlein (DGP AK Geschichte der Polarforschung)* – Land ohne Frauen?

Polar Biology

Conveners: Ulf Karsten, Julia Regnery

- 12:00 – 12:15 *Vasiliy Povazhnyi (Arctic and Antarctic Research Institute, Otto-Schmidt Laboratory for Polar and Marine Research), K. von Juterzenka, I. Kryukova* – Towards the deeper understanding of the Laptev Sea biological productivity in the framework of the German-Russian research projects
- 12:15 – 12:30 *Kerstin Jerosch (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), L. Beierlein, I. Schloss, R. Sahade, M.L. Quartino, H. González, G. Ferreyra, D. Abele* – Long-term multidisciplinary research along a gradient of high latitudes to track climate change: from station-based studies to new observatory concepts
- 12:30 – 13:30 Lunch**
- 13:30 – 13:45 *Emilia Trudnowska (Institute of Oceanology Polish Academy of Sciences), R. Boehnke, K. Draganska-Deja, K. Deja, A.M. Kubiszyn, K. Blachowiak-Samolyk* – The content of glacial soup in Svalbard waters and its importance for food web interactions
- 13:45 – 14:00 *Elie Verleyen (POLDIAT consortium / Ghent University – Protistology and Aquatic Ecology), B. Van de Vijver, E. Pinseel, D.A. Hodgson, B. Tytgat, K. Sabbe, W. Vyverman* – The origin of the polar lacustrine diatom biome: evidence from macroecology and paleolimnology
- 14:00 – 14:15 *Bánk Beszteri (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), S. Pinkernell, M. Kloster, U. Postel, G. Kauer, U. John, K. Valentin, G. Glöckner* – Collection-based diatom research: collection imaging to biogeography and microevolution in the Southern Ocean
- 14:15 – 14:30 *Justine Alice Thébault (Justus Liebig University Gießen)* – Bioaccumulation and maternal transfer of mercury in fur seals from the Southern Ocean: influence of intrinsic factors and feeding ecology inferred from stable isotopes

- 14:30 – 14:45 *Sven Thatje (University of Southampton), L. Marsh* – In hot and cold water of the Southern Ocean: differential life-history traits are key to success of hydrothermal yeti crab
- 14:45 – 15:00 *Osama Mustafa (ThINK – Thuringian Institut of Sustainability and Climate Protection), H.-U. Peter, M.-C. Rümmler, C. Pfeifer, J. Maercker* – Mapping Antarctic wildlife by use of Unmanned Aerial Vehicles
- 15:00 – 15:15 *Bjorn Tytgat (Ghent University), D. Obbels, M. Sweetlove, Z. Namsaraev, M.-J. Mano, R. Fernandez-Carazo, K. Peeters, S. D'hondt, P. Clercx, A. De Wever, D. Ertz, J. Elster, E. Van Ranst, S. Roberts, K. Sabbe, A. Wilmotte, A. Willems, W. Vyverman, E. Verleyen* – Bacterial and eukaryotic biodiversity patterns in the Sør Rondane Mountains, Dronning Maud Land, East Antarctica
- 15:15 – 15:30 *Nadine Determeyer-Wiedmann (Heinrich Heine University Düsseldorf), S. Ott* – Life strategies on photobiology and metabolite profile of genetic identical photobionts of two different lichen species
- 15:30 – 16:00 Coffee break**
- 16:00 – 16:45 Short presentations of posters (chairpersons H. Kassens, G. Heinemann)
- 16:45 – 18:00 Poster session (Atrium ITMZ)
- 19:30 – 21:00 Public talk at the University of Rostock (Aula)**
Polarmeere im Wandel: Was wissen wir über die Tiefsee – *Antje Boetius (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research)*

Tuesday, 27 March 2018

- 08:00 – 08:15 Registration

Polar Social Sciences

Conveners: Renate Treffeisen, Franz Tessensohn

- 08:30 – 08:45 *Ingo Heidbrink (Old Dominion University, Dept. of History)* – Recent changes in Antarctic tourism and their consequences for selected historical sites
- 08:45 – 09:00 *Vera A. Lobova (Yugra State University)* – Arctic region: human and social factors
- 09:00 – 09:15 *Daria Mishina (University of Lapland)* – Arctic tourist taxation or Arctic charity

Cool Classes

Conveners: *Renate Treffeisen, Franz Tessensohn*

- 09:15 – 09:30 *Monika Kallfelz (Natural History Museum of the Palatinate – POLLICHIA Museum) – Die Versauerung der Polarmeere als Kontext in der Schule*
- 09:30 – 09:45 *Enn Kaup (Department of Geology at Tallinn University of Technology / Estonian Polar Club, Tallinn), M. Hunt, V. Raidla, K. Savomägi, H. Uppin, M. Varvas – Polar knowledge contest and polar expedition for high school students of Estonia*
- 09:45 – 10:00 *Rainer Lehmann (Freie Waldorfschule Hannover-Bothfeld), C. Wüthrich – Ornithogenic tundra and nutrient flux – focus on final secondary-school examination*

Permafrost and Periglacial Habitats

Conveners: *Christian Knoblauch, Lars Arne Meier*

- 10:00 – 10:15 *Evgeny Abakumov (Department of Applied Ecology, Faculty of Biology, Saint Petersburg State University) – Characterization of soil organic matter of Arctic and Antarctic by ¹³C NMR and electron spin resonance spectroscopy*
- 10:15 – 10:45 Coffee break**
- 10:45 – 11:00 *Isabel Prater (Chair of Soil Science, TU Munich), F. Hrbacek, L.A. Meier, C. Braun, D. Nyvlt, C.W. Mueller – Vegetation patches determine the fate of soil organic matter on islands in maritime Antarctica*
- 11:00 – 11:15 *Vyacheslav Polyakov (Department of Applied Ecology, Faculty of Biology, St. Petersburg State University), K. Orlova, E. Abakumov – Soil humic substances of selected soils of Lena Delta River landscapes: elemental and molecular composition*
- 11:15 – 11:30 *Tim Eckhardt (Institute of Soil Science / University of Hamburg), C. Knoblauch, L. Kutzbach, G. Simpson, E.-M. Pfeiffer – Partitioning growing season net ecosystem exchange of CO₂ into photosynthesis, autotrophic and heterotrophic respiration in the Siberian tundra*

Atmosphere and Ocean

Conveners: *Günther Heinemann, Andreas Preußner*

- 11:30 – 11:45 *Hartmut H. Hellmer (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), T. Hattermann, S. Ryan, M. Schröder – The Filchner Trough / Filchner Ice Shelf cavity system*

- 11:45 – 12:00 *Maren Richter (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), W.-J. von Appen, C. Wekerle – On the Formation of the East Greenland Current in Fram Strait*
- 12:00 – 12:15 *Stefanie Arndt (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), N. Stoll, S. Paul, C. Haas – Vertical snow structures from in-situ and remote sensing measurements*
- 12:15 – 12:30 *Aliaksandra Kazlova (University of Bremen), G. Spreen – Changes in sea ice deformation and impact of wind forcing*
- 12:30 – 13:30 **Lunch**

DFG SPP 1158 Antarctic Research

Response to Environmental Change

Convener: Bank Beszteri

- 13:30 – 14:00 *Daniel R. Dietrich (University of Constance, Human and Environmental Toxicology) – Does environmental change affect polar microbial communities?*
- 14:00 – 14:15 *Christian Bock (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), F.C. Wermter, B. Maus, H.-O. Pörtner, W. Dreher – In vivo observations of OWA induced pH changes in the brain of polar cod *Boreogadus saida**
- 14:15 – 14:30 *Nadja D. Kuepper (Justus Liebig University of Giessen / Department of Animal Ecology & Systematics), C. Marek, N. Coria, M. Nabte, M. Libertelli, P. Quillfeldt – Torpor and its consequences in developing Antarctic storm petrel chicks*
- 14:30 – 14:45 *Burkhard Becker (University of Cologne), B. Büdel, U. Karsten – Biological soil crust algae in the polar regions – biodiversity, genetic diversity and ecosystem resilience under global change scenarios*
- 14:45 – 15:00 *Lars Arne Meier (University of Tübingen), P. Krauze, I. Prater, T. Scholten, D. Wagner, C.W. Mueller, P. Kühn – How does climate change affect soils and their microbial communities on James Ross Island, maritime Antarctica? Results from an Environmental Simulation Experiment*
- 15:00 – 15:15 *Matthew Toohey (GEOMAR Helmholtz Centre for Ocean Research Kiel), M. Sigl – Using polar ice cores to unveil the connections between global volcanism and climate variability*
- 15:15 – 15:30 *Thomas A. Ronge (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), W. Geibert, J. Lippold, F. Lamy, B. Schnetger, M. Prange, R. Tiedemann – Climate, CO₂ and ice sheets – A southern ocean perspective*

15:30 – 16:00 **Coffee break**

Dynamics of Climate System Components

Convener: Silvia Henning

16:00 – 16:30 *R. Reese, G.H. Gudmundsson, A. Levermann, Ricarda Winkelmann (Potsdam Institute for Climate Impact Research) – The far reach of ice-shelf thinning in Antarctica*

16:30 – 16:45 *Rolf Zentek (Environmental Meteorology, University of Trier), G. Heinemann – Verification of the regional atmospheric model CCLM with measurements in the Antarctic*

16:45 – 17:00 *Tim Carlsen (Leipzig Institute for Meteorology, Leipzig University), G. Birnbaum, A. Ehrlich, M. Schäfer, M. Wendisch – Parameterization of snow BRDF measurements in Antarctica*

17:00 – 17:15 *Mara Muchow (Institute of Oceanography, University of Hamburg), L. Kaleschke – Towards a lead width distribution for Antarctic sea ice: a case study for the Weddell Sea with high resolution Sentinel-2 images*

17:15 – 17:30 *Falk Pätzold (Institute of Flight Guidance, TU Brunswick), T. Krüger, K. Bärfuss, B. Altstädter, S. Nowak, E. Damm, J. Verdugo, A. Lampert – Achievements in project ALICE - Airborne tool for methane Isotopic Composition and polar meteorological Experiments*

17:30 – 17:45 *C. Melsheimer, Gunnar Spreen (University of Bremen, Institute of Environmental Physics), Y. Ye, M. Shokr – Sea ice type distribution in the Antarctic from microwave satellite observations*

17:45 – 18:00 *Günther Heinemann (Environmental Meteorology, University of Trier), R. Zentek, L. Stulic, R. Timmermann, S. Paul, A. Preußner – Sea-ice production in the Weddell Sea by numerical simulation and remote sensing*

19:00 – 22:00 **Dinner at the restaurant "Alter Fritz"**
(sponsored by the Beer Manufacture Störtebeker)

Wednesday, 28 March 2018

08:00 – 08:15 Registration

Gateways to Lower Latitudes

Convener: Florian Leese

08:30 – 09:00 *Oliver Huhn (Institute of Environmental Physics (IUP), Dept. Oceanography, University of Bremen), T. Hattermann, P.E.D. Davis, E. Dunker, H.H. Hellmer, S. Østerhus, M. Rhein, M. Schröder, J.*

- Sültenfuß, K.W. Nicholls* – Melting, re-freezing and subglacial runoff beneath Filchner-Ronne Ice Shelf from first noble gas measurements inside an ice shelf cavity
- 09:00 – 09:15 *Svetlana Losa (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), M. Soppa, M. Losch, J. Oelker, T. Dinter, S. Dutkiewicz, A. Richter, V. Rozanov, J.P. Burrows, A. Bracher* – The Antarctic phytoplankton diversity from space and by numerical modelling
- 09:15 – 09:30 *Charlotte Havermans (University of Bremen), W. Hagen, C. Held, H. Auel* – Predatory zooplankton on the move: likelihood of poleward range shifts and their consequences for Antarctic and Arctic food webs
- 09:30 – 09:45 *Jana S. Dömel (University of Duisburg-Essen, Aquatic Ecosystem Research), T.-H. Macher, L. Dietz, C. Mayer, R.R. Melzer, F. Leese* – Revealing the evolutionary history of Southern Ocean sea spiders using genome-wide SNP data
- 09:45 – 10:00 *N. Rybalka, J. Boy, R. Godoy, A. Tzvetkova, C. Roos, A. Noll, Thomas Friedl (Göttingen University, Department Experimental Phycology and Culture Collection of Algae, EPSAG)* – Microalgae communities in Antarctic soils: changes along soil developmental stages and testing for geographical distribution
- 10:00 – 10:15 *Elisa Lagostina (Senckenberg Nature Research Society), M. Scur, A. Lorenz, M. Andreev, V. Friedrichs, F. Dal Grande, C. Printzen* – Fine-scale genetic structure of lichen populations in Patagonia and Maritime Antarctic
- 10:15 – 10:45 Coffee break**
- Development of the Continent
- Convener: Sonja Berg*
- 10:45 – 11:15 *Benjamin Bomfleur (Palaeobotany Research Group, University of Münster)* – A journey into the Triassic polar forests of Antarctica
- 11:15 – 11:30 *Maximilian Zundel (University of Bremen), C. Spiegel, I. Dunkl, A.M. Grunow, F. Lisker* – Tectonic and topographic development of the Elephant Island group, West Antarctica
- 11:30– 11:45 *Martina Menneken (Freie Universität Berlin, Mineralogy-Petrology), T. John, A. Läufer, J. Berndt, J. Giese, M. Whitehouse* – Timing of subduction of the Palaeo-Pacific Ocean in northern Victoria Land (Antarctica) inferred from zircon U-Pb ages
- 11:45 – 12:00 *R. Dziadek, Karsten Gohl (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), F. Ferraccioli, N. Kaul, C. Spiegel* – Geothermal heat flux derived from airborne magnetic grids and

measured temperature gradients in the Amundsen Sea sector of West Antarctica

12:00 – 12:15 *Theresa Schaller (TU Dresden), M. Scheinert, R. Pail, P. Zingerle, P. Abrykosov – The gravity field in Antarctica: geodetic modelling and geophysical inversion*

12:15 – 12:30 *Peter Busch (Institute of Planetary Geodesy, TU Dresden), M. Scheinert, C. Knöfel, L. Eberlein, M. Horwath, L. Schröder, A. Groh – Geodetic GNSS measurements to investigate the recent crustal deformation at the Antarctic Peninsula and in the Amundsen Sea Embayment, West Antarctica*

12:30 – 13:30 Lunch

Atmosphere and Ocean

Conveners: Günther Heinemann, Andreas Preußner

13:30 – 13:45 *Andreas Preußner (Environmental Meteorology, University of Trier), S. Willmes, K.I. Ohshima, G. Heinemann – Thin-ice thicknesses and ice production in Arctic polynyas between 2002 and 2017 as derived from thermal infrared and passive microwave remote sensing data*

13:45 – 14:00 *Arantxa Triana (University of Bremen), G. Heygster, C. Melsheimer, G. Spreen – Arctic-wide Total Water Vapour time series combining two passive microwave satellite algorithms*

14:00 – 14:15 *Svenja H.E. Kohnemann (Environmental Meteorology, University of Trier), G. Heinemann, D.H. Bromwich, O. Gutjahr – Extreme changes in Arctic winter warming since the beginning of the 21st century*

14:15 – 14:30 *Tymon Zieliński (Institute of Oceanology Polish Academy of Sciences), P. Pakszys, T. Petelski, P. Makuch, M. Cisek, P. Markuszewski, C. Ritter, R. Neuber, M. Mazzola, R. Traversi, M. Posyniak, K. Dziembor, K. Zieliński – Is the Arctic subject to increasing environmental stress in the summer season?*

14:30 – 14:45 *Piotr Markuszewski (Institute of Oceanology), T. Petelski, P. Makuch, I. Wróbel, T. Zieliński, J. Piskozub, V. Drozdowska, P. Pakszys – Marine aerosol fluxes: measurements comparison between North Atlantic and the Baltic Sea region*

Climate History at the Poles

Conveners: Heidemarie Kassens, Nicola Koglin

14:45 – 15:00 *Martin Melles (University of Cologne), A. Andreev, M. Baumer, D. Bolshiyarov, G. Fedorov, L. Frolova, R. Gromig, H. Hafliðason, S. Krastel, E. Lebas, A. Ludikova, H. Meyer, L. Nazarova, L. Pestryakova, L. Savelieva, L. Shumilovskikh, D.A. Subetto, J.I. Svendsen, B.*

- Wagner, V. Wennrich, M. Werner* – The project PLOT (Paleolimnological Transect) – overview and preliminary results on the preglacial to postglacial history of the Russian Arctic
- 15:00 – 15:15 *Ekaterina Taldenkova (Lomonosov Moscow State University, Geographical Faculty), H.A. Bauch, R.F. Spielhagen, Ya. Ovsepyan, N. Chistyakova, A. Stepanova, S. Nikolaev, M. Segl* – Past environmental variability of the Laptev Sea continental margin and Atlantic water advection to the Arctic during the last c.18 cal. kyrs
- 15:15 – 15:30 *Bernhard Diekmann (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), R. Wang, H. Kühn, R. Gersonde, R. Tiedemann, G. Kuhn* – Land-Ocean interactions in the late glacial Bering Sea
- 15:30 – 16:00 Coffee break**
- 16:00 – 16:45 Short presentations of posters (chairpersons H. Kassens, G. Heinemann)
- 16:45 – 18:00 Poster session (Atrium ITMZ)
- 18:00 – 20:00 Meetings of the DGP working groups (Arbeitskreise)**
Physik-Hörsäle 1, 2, 3; Physik-Seminarräume 1, 2, 3

Thursday, 29 March 2018

- 08:00 – 08:15 Registration

Climate History at the Poles

Conveners: Heidemarie Kassens, Nicola Koglin

- 08:30 – 08:45 *Zhihua Chen (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), M. Ju, S. Ge, Z. Tang, Y. Huang, R. Zhao, R. Tiedemann, L. Lembke-Jene* – Retreats of ice sheet and ice shelf driven by warm water incursions in the Ross Sea since the Last Glacial Maximum
- 08:45 – 09:00 *Johann P. Klages (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), G. Kuhn, C.-D. Hillenbrand, J.A. Smith, F.O. Nitsche, T. Frederichs, K. Grohl, L. Wacker* – Did we find an ice-proximal location in the Amundsen Sea to finally reveal the last interglacial state of the West Antarctic Ice Sheet?
- 09:00 – 09:15 *Michael E. Weber (University of Bonn), C.J. Fogwill, M. DeCesare, N.R. Golledge, N. Gomez, P.U. Clark* – Deglacial dynamics of the Antarctic Ice Sheet revised – Implications for future sea-level rise

- 09:15 – 09:30 *Sonja Berg (University of Cologne), M. Melles, W.-D. Hermichen, J. Rethemeyer, G. Kuhn* – Environmental conditions in terrestrial East Antarctica during the last glacial – new evidence from mumiyo deposits
- 09:30 – 09:45 *Svetlana Grigoreva (Saint Petersburg State University), A. Boronina, A. Sukhanova, S. Popov, M. Kashkevich, V. Kashkevich, V. Martianov, V. Lukin* – Subglacial flood investigations at the Dål̄k glacier area, Larsemann Hills, East Antarctica, on the data collected in 2017/2018 field season
- 09:45 – 10:00 *Anastasiia Sukhanova (Saint Petersburg State University), S. Grigoreva, A. Boronina, S. Popov, M. Kashkevich, V. Kashkevich, V. Martianov, V. Lukin* – Geophysical survey for safety reasons at the Progress-Vostok logistic traverse, East Antarctica

Geodynamic Processes

Conveners: Christoph Gaedicke and Agnes Dakota Wansing

- 10:00 – 10:15 *Reinhard Dietrich (TU Dresden, Institute of Planetary Geodesy), A. Richter, E. Ivins, H. Lange, L. Mendoza, L. Schröder, J.L. Hormaechea, G. Casassa, E. Marderwald, M. Fritsche, R. Perdomo, M. Horwath* – Rapid glacial isostatic uplift in Patagonia: Interplay of enhanced ice mass loss and slab window tectonics
- 10:15 – 10:45 Coffee break**
- 10:45 – 11:00 *Gerhard Kuhn (Alfred-Wegener-Institut Helmholtz Centre for Polar and Marine Research), O. Eisen, C. Gaedicke, N. Koglin, A. Läufer, D. Franke, C. Hofstede, B. Biskaborn, E. Smith, R. Tiedemann, F. Wilhelms* – Pre-site survey for deep geological drilling below Ekström Ice Shelf (Sub-EIS-Obs), Antarctica
- 11:00 – 11:15 *Joachim Jacobs (Department of Earth Science, University of Bergen), A. Läufer, M. Elburg, D. Damaske, A. Ruppel, G. Eagles, B. Opås, W. Jokat, S. Estrada* – Geodynamic evolution of East Antarctica revealed by integrating geology and geophysics in Dronning Maud Land
- 11:15 – 11:30 *Wilfried Jokat (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research), T. Altenbernd, W. Geissler, G. Eagles* – India-Antarctic breakup: Constraints from new geophysical data
- 11:30 – 11:45 *Folker Pappa (Christian Albrechts University Kiel), J. Ebbing, F. Ferraccioli, W. van der Wal, B. Blank* – A 3d integrated lithospheric model of Antarctica and its impact on GIA estimates
- 11:45 – 12:00 *Nikola Koglin (Federal Institute for Geosciences and Natural Resources (BGR)), K. Piepjohn* – The Kulutingwak Formation – evidence for oceanic crust between Pearya and the Franklinian basin (Ellesmere Island, Canada)?

Mass Balance and Dynamics of Glacier Systems

Conveners: Johannes Fürst, Clemens Schannwell

- 12:00 – 12:15 *Clemens Schannwell (University of Tübingen), N.E. Barrand, S.L. Cornford, D. Pollard – Dynamic response of Antarctic Peninsula Ice Sheet to collapse of Larsen C and George VI ice shelves*
- 12:15 – 12:30 *A. Richter, Mirko Scheinert (TU Dresden), S.V. Popov, A.A. Ekaykin, L. Schröder, M. Horwath, R. Dietrich, V.V. Lukin – Subglacial Lake Vostok: Combination and application of GNSS observations and satellite altimetry data*
- 12:30 – 13:30 Lunch**
- 13:30 – 13:45 *Johannes J. Fürst (Institute of Geography, University of Erlangen-Nuremberg), F. Navarro, F. Gillet-Chaulet, G. Moholdt, X. Fettweis, C. Lang, T. Seehaus, M.H. Braun, D.I. Benn, T.J. Benham, J.A. Dowdeswell, M. Grabiec, J. Kohler, K. Lindbäck, R. Pettersson, H. Sevestre – The ice-free topography of Svalbard*
- 13:45 – 14:00 *Christoph Mayer (Bavarian Academy of Sciences and Humanities), J. Schaffer, T. Hattermann, D. Floricioiu, L. Krieger, P.A. Dodd, T. Kanzow – Large ice loss variability during the last two decades at Nioghalvfjerdsjorden Glacier, NE-Greenland*
- 14:00 – 14:15 *Wilfried Korth (Beuth University of Applied Sciences Berlin), T. Hitziger, U. Hofmann, K. Pavelka – Monitoring of surface ice height changes in Greenland*
- 14:15 – 15:30 Meeting of the members of the DGP**
- 15:30 – 16:00 Coffee break**
- 16:00 – 16:30 Meeting of the members of the DGP**

Friday, 30 March 2018

- 08:30 Excursions