



The Norwegian-Russian collaboration within research and education related to the Arctic region plays a central role in shaping frontier strategies, particularly in the face of growing energy demands and climate change. A number of recently completed and ongoing research projects, established at the Department of Geosciences and the Centre for Earth Evolution and Dynamics (CEED), University of Oslo, in collaboration with Russian partners, have revealed important geological information related to the Barents Sea and Circum-Arctic region. In addition, there are ongoing higher educational Norwegian-Russian projects involving the exchange and collaboration of undergraduate and graduate students and researchers. A broad understanding of the Arctic realm requires detailed and multi-scale geological and geophysical knowledge, as well as new theoretical and methodological developments. At the upcoming workshop in Saint Petersburg, we plan to bring together researchers from the St.-Petersburg State University (SPBU), University of Oslo (UiO), University of Tromsø (UiT), and invited speakers from other institutes, teachers, and students. The participants will discuss ongoing and future collaborations in (but not restricted to) the Arctic region and will work towards a research proposal to extend the Norwegian-Russian scientific and educational collaboration in the Earth Sciences. Over the course of two days, we plan to include plenary lectures given by invited speakers, followed by group discussions. We would also like to invite students and staff to present their research during a poster session. The workshop will be hosted by the St.-Petersburg State University and the Norwegian University Centre in Saint Petersburg (DNUS) which aims to promote and accommodate for research and teaching cooperation between Norway and Russia.

Schedule and agenda:

- Monday, March 23 – Arrival of the Norwegian and invited Russian participants
- Tuesday, March 24 – Meeting with students and faculty staff at the St.Petersburg State University
- Wednesday, March 25 – Group discussions at the DNUS
- Thursday, March 26 – Wrap-up on discussions

Tuesday, 24 meeting at St.-Petersburg State University (10-ya Liniya V.O., 33 Saint Petersburg, aud. 56)

Time	Subject/talk	Speaker
09.30 – 10.00	Introduction and welcome	Sergei Aplonov (SPBU)
10.00 – 10.25	Norwegian-Russian Collaboration in the Arctic region	Jan Inge Faleide (UiO/UiT)
10.25 – 10.50	University of Oslo, CEED: Research and Education from global to exploration	Carmen Gaina (UiO)

	scale	
Coffee break		
11.00 – 11.25	Centre for Arctic Gas Hydrate, Environment and Climate (CAGE): Norwegian – Russian collaboration	Karin Andreassen (UiT)
11.25 – 11.50	Research at the Center for Arctic Petroleum Exploration (ARCEX)	Iver Martens (UiT)
11.50 – 12.15	Educational and Scientific collaboration in geology between SPBU and UiT : ongoing project supported by SIU	Victoria Ershova (SPBU)
Lunch		
Arctic Geology and Geodynamics - Research case studies		
13.20 – 13.50	Modelling circum-Arctic plate tectonics and GPlates software	Grace Shephard (UiO)
13.50 – 14.20	Mesozoic paleogeography of the Barents Sea: insights from isotopic studies	Andrei Khudoley (SPBU)
14.30 – 15.00	Crust and Mantle of the Arctic Region	Nina Lebedeva-Ivanova (UiO)
Coffee break		
15.10 – 15.40	Research and education at the Department of Geology, University of Tromsø – The Arctic University of Norway	Matthias Forwik (UiT), Head of Geology Department, University of Tromsø
Posters & Coffee		
16.00 – 17.00	Summary and Discussion on the UiO - UiT – SPBU collaboration within research and education	

Wednesday, 25 at the Norwegian University Center in St Petersburg (DNUS)

Location: Kalužskiy pereulok 3 ([map](#)) 191015 St. Petersburg

Time	Subject/talk	Speaker
09.30 – 11.00 Geophysical Imaging of the Arctic Lithosphere (Chair: C. Gaina)		
9.30 – 9.40	Introduction	C. Gaina (UiO)
9.40 – 10.00	Tomographic investigation of the upper mantle structure in the Circum Arctic region	A. Yakovlev (IPGG)
10.00 – 10.50	Discussion	
Coffee break		
11.00 – 13.00 Geology of the Eastern Arctic (Chair: V. Ershova)		
11.00 – 11.20	The Paleozoic history of Eastern Russian Arctic (New Siberian Islands and Northern Siberia): testing of Arctic tectonic models	V. Ershova (SPBU)
11.20 – 11.40	Geology Eastern Arctic Islands	Mikhail Kos'ko (VNIIO)
11.40 – 12.00	Eurasia Basin and Lomonosov Ridge	Andrey Chernykh & Alexey Krylov (SPBU/VNIIO)
12.00 – 12.20	Recent geological evidence on the structure of continental margin in the North-East Arctic	Eugene Petrov (VSEGEI)
	Lunch & Discussion	
14.00 – 15.30 North Barents Sea, Franz Josef Land (Chair: A. Minakov)		
14.00 – 14.20	Recent geophysical surveys in the northern Barents Sea	Andrei Zayonchek (ROSGEO)
14.20 - 14.40	Structure of the High Arctic LIP as revealed by seismic data	Alexander Minakov (UiO)
Coffee break		
14.50 -15.30	Discussion	

15.30 – 17.00	Summary session (Chair: J.I. Faleide)	
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Thursday, 26

Summary in the morning session at the DNUS (Chair: J.I. Faleide)

Key contacts:

Alexander Minakov (UiO),
Postdoctoral fellow, Centre for Earth Evolution and Dynamics (CEED), University of Oslo
Email: alexander.minakov@geo.uio.no
Telephone: + 47 40284027

Sergey Malyshev (SPBU)
Research scientist
Email: sergey.v.malyshev@gmail.com
Telephone: +7-9217793550

Alexandra Cherkashova aynask@gmail.com (SPBU)

Timur Chekanov - Coordinator for research projects (DNUS)

Det norske universitetssenter
i St. Petersburg
Kaluzhskij pereulok, 3
191015, St. Petersburg
Russland
tel.: 007 812 327 80 48
faks: 007 812 327 80 47
e-post: t.chekanov@norunivspb.ru

Useful information and links:

University of Oslo, Department of Geosciences, and CEED

<http://www.uio.no/english/>, <http://www.mn.uio.no/geo/english/>,
<http://www.mn.uio.no/ceed/english/>

UiT – The Arctic University of Norway <http://en.uit.no/startside>

Research Centre for Arctic Petroleum Exploration <http://www.arcex.no/>

Research funding opportunities:

- NORRUS/PETROMAKS2 (Norway) – RFBR (Russia)

http://www.forskningsradet.no/prognett-geopolitikk-nord/Programme_description/1226994122376

http://www.forskningsradet.no/prognett-petromaks2/Home_page/1253980921309

For the last couple of years, the Norwegian Research Council has launched a joint call with the Russian Foundation for Basic Research (RFBR) and opened for submission of Researcher Projects (please find information regarding this project type here: http://www.forskningsradet.no/en/Researcher_project/1195592882768). The goal has been to fund projects where there is a balanced cooperation with Russian research partners, and which addresses challenges related to petroleum activities, including Arctic petroleum and geophysics. The Russian partners have had to apply for funding through RFBR, while the Norwegian partners submit a similar application to the Research Council.

Student exchange and research mobility funding

- Norwegian Centre for International Collaboration in Education (SIU) - High North Program

[http://siu.no/eng/Programme-information/North-America-and-the-High-North/High-North-Programme-2013-2018/\(view\)/10666](http://siu.no/eng/Programme-information/North-America-and-the-High-North/High-North-Programme-2013-2018/(view)/10666)

The objectives of the program is to increase and strengthen higher education cooperation about matters relevant to the High North, between institutions in Norway and in Canada, China, Japan, the Republic of Korea, Russia, and the U.S. This includes increasing the number of jointly developed courses, programs and degrees as well as increasing mobility of students and faculty staff. The next call will be announced in April 2015 with deadline for applications in September 2015.

- the Norwegian University Center in St. Petersburg

<http://www.st-petersburg.uio.no/english/>

The center serves as a meeting place for Norwegian and Russian researchers, e.g. with the aim to establish joint Norwegian-Russian research projects. The center assists in establishing contacts between Norwegian and Russian researchers and with gaining access to libraries and collections in Norway and Russia.