

POMOR MT meeting #3

Date: July 20, 2017
Time: 14:00 – 17:00
Venue: Saint Petersburg State University, Institute of Earth Sciences, Room 96 (POMOR)

AGENDA

- 14:00 Opening / G.A. Cherkashov, H. Kassens
- 14:05 **Vladislav Onopko:** Numerical investigations of lateral tidal straining in regions of freshwater influence with the one-dimensional GOTM model. Supervisors: Prof. Dr. Victor Ionov, Saint Petersburg State University, Prof. Dr. Hans Burchard, Leibniz Institute for Baltic Sea Research Warnemuende, Dr. Christian Winter, MARUM Center for Marine Environmental Sciences
- 14:20 **Eduard Khachatryan:** Validation of ATI SAR ocean and sea ice surface velocity derived from TanDEM-X and coastal radar data, near Barrow, Alaska. Supervisors: Dr. Boris Ivanov, Saint Petersburg State University, Prof. Dr. Lars Kaleschke, Hamburg University
- 14:35 **Vitaii Samoilenko:** Analysis of evapotranspiration water fluxes at a floodplain tundra in the Lena river delta. Supervisors: Prof. Dr. Kirill Chistyakov, Saint Petersburg State University, Prof. Lars Kutzbach, Hamburg University
- 14:50 **Vitaly Sharmar:** Analysis of wind-wave spectra under fetch-limited and non fetch-limited conditions. Supervisors: Prof. Dr. Leonid Lopatukhin, Saint Petersburg State University, Prof. Dr. Peter Fröhle, Dr. Norman Dreier, Hamburg University of Technology
- 15:05 **Tatiana Sitnikova:** East Antarctic volcanic margin: crustal structure and tectonic evolution. Supervisors: Dr. German Leitchenkov, Saint Petersburg State University, Dr. Sascha Brune GFZ German Research Centre for Geosciences Helmholtz Centre Potsdam
- 15:20 **Darina Terentieva:** Methane production and carbon dynamic in permafrost sediments of the Kara Sea. Supervisors: Dr. Aleksey Krylov, Saint Petersburg State University, Dr. Heidemarie Kassens, GEOMAR Helmholtz Centre for Ocean Research Kiel
- 15:35 **Mikhail Vladimirov:** Crustal structure of the southern part of the Baltic Sea using geophysical methods. Supervisors: Dr. Aleksey Piskarev-Vasiliev, All-Russian Research Institute of Geology and Mineral Resources of the World Ocean named after academician Igor Gramberg, Dr. Ali Dehghani, Hamburg University
- 15:50 **Tatjana Smelova:** Thermal evolution of the Cooperation Sea sedimentary basin. Supervisors: Dr. German Leitchenkov, Saint Petersburg State University, Prof. Dr. Lars Rüpke, GEOMAR Helmholtz Centre for Ocean Research Kiel
- 16:05 **Anton Tkachenko:** Temperature-dependence of thermal conductivity and implications for the thermal-state of the Norwegian margin. Supervisors: Dr. German Leitchenkov, Saint Petersburg State University, Prof. Dr. Lars Rüpke, GEOMAR Helmholtz Centre for Ocean Research Kiel
- 16:20 **Elena Mikheeva:** The local accumulation and transfer of PAH contamination in Arctic snow cover, Barentsburg, Western Spitsbergen. Supervisors: Dr. Ivan Litvinenko, Saint Petersburg State University, Dr. Richard Seifert, Hamburg University
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- 16:35 **Ivan Alekseev:** Estimation of carbon pools and depositary function of permafrost-affected soils of Yamal region. Supervisors: Prof. Dr. Evgeny Abakumov, Saint Petersburg State University, Prof. Dr. Eva-Maria Pfeiffer, Hamburg University, Dr. Christian Knoblauch, Hamburg University
- 16:40 **Alina Karpova:** Spatial-temporal dynamics of morphometric parameters of lakes on the Yamal peninsula and the Lena river delta area. Supervisors: Dr. Irina Fedorova, Saint Petersburg State University, Prof. Dr. Guido Grosse, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research
- 16:45 **Aleksand Volynets:** Lena Delta water body mapping based on RapidEye satellite image series for determination of lake level heights and delta channel inclination using altimetry and DEM data. Supervisors: Dr. Irina Fedorova, Saint Petersburg State University, Dr. Frank Günther, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research
- 16:50 **Kirill Galustov:** Recent transformation of the primary sector in the Russian Arctic. Supervisors: Prof. Dr. Konstantin Klovov, Saint Petersburg State University, Prof. Dr. Eva-Maria Pfeiffer, Hamburg University, Prof. Dr. Jürgen Böhner, Hamburg University
- 17:00 Closing

Requirements:

Please prepare a short talk (10 minutes, max. 7 slides) about your topic, the progress achieved since the last meeting, tasks done, tasks to do and when are you planning to finish all the planned tasks (timeline).

Please make sure that you explain in your presentation what you're scientifically doing in your master thesis.