

POMOR MT meeting #2

Date: May 19, 2017
Time: 15:00 – 17:15
Venue: Saint Petersburg State University, Institute of Earth Sciences, Room 96 (POMOR)

AGENDA

- 15:00 Opening / G.A. Cherkashov, N. Kakhro
- 15:05 Your master thesis: formal requirements / N. Kakhro
- 15:15 **Vladislav Onopko:** 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 **Ivan**
- 15:25 **Kirill Galustov:** Recent Post-Soviet transformation of the primary sector in the Russian Arctic: environmental implications, socioeconomic risks and development prospects. Supervisors: Prof. Dr. Konstantin Klokov, Saint Petersburg State University, Prof. Dr. Eva-Maria Pfeiffer, Hamburg University, Prof. Dr. Böhner, Hamburg University
- 15:35 **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
- 15:45 **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. Vladimir Volkov, Nansen International Environmental and Remote Sensing Centre, Prof. Dr. Lars Kaleschke, Hamburg University
- 15:55 **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
- 16:05 **Vitaly Sharmar:** Analysis of wind-wave spectra under fetch-limited and non fetch-limited conditions. Supervisors: Prof. Dr. Leoind Lopatukhin, Saint Petersburg State University, Prof. Dr. Peter Fröhle, Dr. Norman Dreier, Hamburg University of Technology
- 16:15 **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
- 16:25 **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
- 16:30 **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

18.05.2017

- 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
- 16:55 **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
- 17:00 **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
- 17:05 **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
- 17:10 **Elena Mikheeva:** The local accumulation and transfer of PAH contamination in Arctic snow cover, Barentsburg, Western Spitsbergen. Supervisors: Dr. Anna Nikulina, Arctic and Antarctic Research Institute, Dr. Richard Seifert, Hamburg University
- 17:15 Closing

Requirements:

Please prepare short presentations (3-4 slides) including the following information about your MT:

- Timeline
- Tasks done
- Tasks to do