

# POMOR MT meeting 4

---

**Date:** August 23-24, 2021  
**Time:** 15:00 – 18:00 Moscow time / 14:00 – 17:00 Berlin time  
**Venue:** Online, Microsoft Office Teams

## AGENDA

### August 23, 2021

*Moscow time / Berlin time*

- |                               |  |
|-------------------------------|--|
| 15:00 – 15:05 / 14:00 – 14:05 | Opening (Prof. Pfeiffer and Prof. Beer, Prof. Cherkashov)  |
| 15:05 – 15:20 / 14:05 – 14:20 | Zinchenko, Vadim: Conditional Emulators for Parameter Tuning in Earth Science Simulations / Prof. Dr. Johanna Baehr, UHH, Dr. David Greenberg, Helmholtz Centre Geesthacht, Prof. Dr. Tatyana Belonenko, SPbU  |
| 15:20 – 15:35 / 14:20 – 14:35 | Tilvaldyeva, Leili: Genetic connectivity of the widespread hydrozoan <i>Aglantha digitale</i> from sub-arctic to central arctic regions / Dr. Charlotte Havermans, AWI, Dr. Vasiliy Povazhny, AARI   |
| 15:35 – 15:50 / 14:35 – 14:50 | Pashovkina, Anastasia: CDOM as an important component in the arctic freshwater ecosystems – a case study for the Kola Peninsula water objects / Prof. Dr. Anja Engel, GEOMAR, Dr. Irina Fedorova, SPbU   |
| 15:50 – 16:05 / 14:50 – 15:05 | Sashanova, Arina: Comparative regional analysis on the achievement of the United Nations Sustainable Development Goals in the Arctic Zone of the Russian Federation, based on the methodology of the Voluntary Local Review / Prof. Dr. J. Otto Habeck, UHH, Dr. Nikolay Bobylev, SPbU |
| 16:05 – 16:20 / 15:05 – 15:20 | Kazachkova, Julia: Impact of urban green distribution on urban temperature / Dr. David Grawe, UHH, Dr. Nikolai Bobylev, SPbU   |
| 16:20 – 16:35 / 15:20 – 15:35 | Kudryakova, Julia: Development and prospects of Arctic tourism in the Murmansk region. Research sample: Teriberka village / Prof. Dr. Eva-Maria Pfeiffer, UHH, Prof. Dr. Konstantin Klokov, SPbU   |
| 16:35 – 16:45 / 15:35 – 15:45 | <i>Break</i>   |
| 16:45 – 17:00 / 15:45 – 16:00 | Gavrilova, Anastasia: Calculation of mean Sr isotope ratio for the modern Caspian and Azov seas based on their catchment basins / Prof. Dr. Eva-Maria Pfeiffer, UHH, Prof. Dr. Anton Kuznetsov, IPGG RAS, SPbU   |
| 17:00 – 17:15 / 16:00 – 16:15 | Ebrahimnezhad Darzi, Saeed: Spatial distribution patterns of the functional traits of megabenthic communities on Eurasian-Arctic   |

19.08.2021

shelves / Prof. Dr. Dieter Piepenburg, AWI, Dr. Marina Varfolomeeva, SPbU

17:15 – 17:30 / 16:15 – 16:30

Krikunova, Aleksandra: Postglacial vegetation and climate history of the northern Lake Onega region inferred from palynological record of Razlomnoe peatbog / Professor Dr. Pavel E. Tarasov, Freie Universität Berlin, Dr. Larisa Savelieva, SPbU

17:30 – 17:45 / 16:30 – 16:45

Ovchinnikova, Anastasiia: Developing a methodology for semi-automated geological interpretation of topographic data in the Clarion-Clipperton-Zone, Eastern Pacific / Dr. Sven Petersen, GEOMAR, Prof. Dr. Georgy Cherkashov, SPbU

17:45 – 17:50 / 16:45 – 16:50

End of the meeting

## August 24, 2021

*Moscow time / Berlin time*

15:00 – 15:05 / 14:00 – 14:05

Opening (Prof. Pfeiffer and Prof. Beer, Prof. Cherkashov)

15:05 – 15:20 / 14:05 – 14:20

Cheung, Wilson (Wai Yin): Surface and Bed Topography Mapping of Foxfonna & Rieperbreen Glacier, Svalbard, 1936-2020 / Prof. Dr. Christian Haas, AWI, Prof. Dmitriy Ganiushkin, SPbU

15:20 – 15:35 / 14:20 – 14:35

Saikovich, Kseniia: Analysis of Remotely Sensed Shoreline Dynamics in the Lena River Delta, NE Siberia / Prof. Dr. Guido Grosse, AWI, Prof. Dr. Georgy Cherkashov, SPbU

15:35 – 15:50 / 14:35 – 14:50

Krainova, Liubov: Metagenomic exploration of estuarine microorganisms with focus on PET-degrading enzymes / Prof. Dr. Wolfgang Streit, UHH, Dr. Mikhail Raiko, SPbU

15:50 – 16:05 / 14:50 – 15:05

Zotova, Ekaterina: Seasonal and annual variability of Svalbard's cloud cover / Dr. Amelie Schmitt, UHH, Dr. Boris Ivanov, SPbU

16:05 – 16:20 / 15:05 – 15:20

Tselykh, Polina: Glacial/interglacial variability in transport and origin of detrital sediments of the Rio Grande Rise (Southwest Atlantic Ocean) / Prof. Dr. Martin Frank, GEOMAR, Prof. Dr. Vladislav Kuznetsov, SPbU

16:20 – 16:35 / 15:20 – 15:35

Sakovich, Alena: Spatial Distribution of Microplastics and Zooplankton in the Canary Current Upwelling System / Dr. Werner Ekau, Dr. Tim Dudeck, Leibniz Centre for Tropical Marine Research, Dr. Irina Fedorova, SPbU

16:35 – 16:45 / 15:35 – 15:45

*Break*

16:45 – 17:00 / 15:45 – 16:00

Kil, Anna: Geochemical variations of mud volcano fluids in the Gulf of Cadiz / Prof. Dr. Klaus Wallmann, Dr. Christopher Schmidt, GEOMAR, Dr. Alexey Krylov, SPbU

19.08.2021

- |                               |   |
|-------------------------------|---|
| 17:00 – 17:15 / 16:00 – 16:15 | Tiburcio, Alejandro: Late Quaternary Environmental Change on the southern Morris Jesup Rise (Arctic Ocean) / Dr. Robert Spielhagen, GEOMAR, Dr. Alexey Krylov, SPbU   |
| 17:15 – 17:30 / 16:15 – 16:30 | Rodés i Llorens, Nil: Gas hydrate stability and distribution in the fjords of Western Spitsbergen, Svalbard archipelago. An assessment based on indirect hydrate indicators / Prof. Dr. Gerhard Bohrmann, U HB, Dr. Alexey Krylov, SPbU |
| 17:30 – 17:45 / 16:30 – 16:45 | Tebenkova, Natalia: Formation of the climatic signal of the isotopic composition of precipitation in Central Antarctica, Prof. Dr. Dirk Notz, UHH, Prof. Dr. Thomas Laepple, AWI, Dr. Alexey Ekaykin, SPbU                              |
| 17:45 – 18:00 / 16:45 – 17:00 | Frolova, Anastasia: Topographic effect for Rossby waves on a shear flow / Prof. Dr. Carsten Eden, Dr. Manita Chouksey, UHH, Prof. Dr. Tatiana Belonenko, SPbU   |
| 18:00 – 18:05 / 17:00 – 17:05 | End of the meeting  |