

Baltic Earth Doctoral Students Conference
10-14 August 2015 in Tartu and Vilsandi, Estonia

Preliminary schedule

Time	10. August: University of Tartu Museum (Lossi 25)
13-14	Registration
14-14.30	Opening
14.30-15	Erki Tammiksaar: <i>Meteorological Observatory of Tartu University - 150</i>
15-16	Dörthe Röhrbein: <i>About the Quality of Historical Observation Data from Signal Stations along the Southern Baltic Sea Coast</i> Ülle Napa: <i>Current and historical patterns of heavy metals pollution in Estonia as reflected in natural media of different ages: ICP Vegetation, ICP Forests and ICP Integrated Monitoring data</i> Kaupo Komsaare: <i>Air ion formation events at Tahkuse Observatory, Estonia</i>
16-16.30	Coffee
16.30-17	Sergei Gulev: <i>Atmospheric transports and the vision of the propagation of Atlantic signals to Europe</i>
17-18.20	Liisi Jakobson: <i>Arctic teleconnections to Baltic Sea region</i> Velle Toll: <i>Influence of the direct radiative effect of aerosols on atmospheric dynamics over Europe</i> Maris Palo: <i>Electric wind in a Differential Mobility Analyzer</i> Aigars Lavrinovics: <i>Filling the gaps: Applying the WRTDS model on interpolation of the major Latvian river loads to the Gulf of Riga</i>
18.20 -...	Ice breaker

Time	11. August: Tartu, Physicum (Ravila 14c)
9.30-10	Anders Omstedt: <i>Understanding the water and energy exchanges in the coupled atmosphere-land-ocean system</i>
10-11	Volha Baiduk: <i>Impacts of climate change on rivers water regime over Southern and Eastern part of the Republic of Belarus</i> Yu Yang: <i>Investigation of the climate impact on the snow and ice thickness in Lake Vanajavesi, Finland</i> Regina Alber: <i>Diurnal cycle of precipitation in Estonia</i>
11-11.30	Coffee
11.30-12	Kai Myrberg: <i>The basics of Baltic Sea physics</i>

12-13	<p>Victor Alari: <i>Response of water temperature to surface wave effects: experiments with the coupled NEMO-WAM</i></p> <p>Naglaa F. Soliman: <i>Potential Ecological Risk of Heavy Metals in Sediments from the Mediterranean Coast, Egypt</i></p> <p>Pille Meinson: <i>Continuous and high-frequency measurements in limnology: History applications and future challenges</i></p>
13-14	Lunch
14-14.30	Anna Rutgersson: <i>Natural hazards and extreme events in the Baltic Sea region</i>
14.30-15.30	<p>Jüri Kamenik: <i>Recurrence interval of Estonian precipitation extremes</i></p> <p>Tanel Voormansik: <i>Analysis of convective storms in Estonia based on the data from polarimetric weather radars and lightning detectors</i></p> <p>Eva Rocha: <i>Tree-rings as an indicator of climatic and anthropogenic influences in urban environments – The case study of Stockholm</i></p>
15.30-16	Coffee
16-16.30	Hanno Ohvril: <i>Atmospheric column transparency in Europe, 1906-2014</i>
16.30-17.30	<p>Margit Aun: <i>Reconstruction of UVB and UVA radiation at Tõravere, Estonia, for years 1955-2003</i></p> <p>Kairi Raabe: <i>On the retrieval of the clumping index from multi-angular SWIR satellite imagery</i></p> <p>Evelin Kangro: <i>Validation of MERIS standard and processed data. Development of the relationship between phytoplankton absorption coefficient and chlorophyll-a concentration for remote sensing applications for large Estonian lakes</i></p>

12. August: Travel to Vilsandi Island

8:30 Departure by bus from Tartu to Saaremaa island.

Lunch in Kuressaare.

Boat trip from Papisaae port to Vilsandi island (Vikati port).

Accommodating.

Time	13. August: Vilsandi Paadikuur
9.30-10	Jaak Jaagus: <i>150 years of meteorological observations at the Vilsandi maritime meteorological station: climate variability and climate changes</i>
10-11	Kaie Kriiska: <i>Forest belowground carbon cycle in Estonia – Vilsandi case-study</i> Naima Kabral: <i>Heavy metal accumulation in different parts of coniferous forest at Estonian ICP IM Vilsandi area</i> Katrin Saar: <i>The effect of climate change and eutrophication on sediment phosphorus fractions: results of a long-term enclosure experiment</i>
11-11.30	Coffee
11.30-12	Urmas Raudsepp: <i>Water circulation and nutrient dynamics in the Baltic Sea</i>
12-13	Ilja Maljutenko: <i>Circulation scheme of the Baltic Sea – based on the 40-year simulation with GETM</i> Toma Mingelaite: <i>Coastal upwelling in the SE Baltic Sea: basic statistics</i> Palina Lapo: <i>Verification of WRF-ARW model in Belarus</i>
13-14	Lunch
14-14.30	Andreas Lehmann: <i>Atmospheric conditions forcing large volume changes (LVCs) and major inflows (MBIs) to the Baltic Sea</i>
14.30-15.30	Julian Alberto Gallego Urrea: <i>Modelling the effects of NO_x, SO_x and NH_x deposition on the Baltic Sea carbon system</i> Mariliis Kõuts: <i>Long-term model study of nutrient and detritus dynamics in the Baltic Sea</i> Ivar Zekker: <i>Smooth temperature decreasing FOR nitrogen removal in cold (9-15° C) ANAMMOX biofilm reactor tests</i>
15.30-16	Coffee
16-16.30	Hannes Tõnisson: <i>Observations and analysis of coastal changes in West Estonian Archipelago to study the impacts of climatic and sea-level fluctuations and wave parameters on shore processes</i>
16.30 ...	Guided walk on the island
	Camp fire evening (lõkkeõhtu) Closing the conference

14. August: Travel back to Tartu
Free time for individual sightseeing in Vilsandi. Trip back to Saaremaa and Tartu (organized) 12:00 Kuressare 15:00 Pärnu 19:00 Tartu