5th International Baltic Earth Winter School for Young Scientists on "Earth System Science for the Baltic Sea Region"

18 - 22 March 2024

co-organized by
Institute of Oceanology of the Polish Academy of Sciences,
International Environmental Doctoral School associated with the Centre for Polar Studies at the University of Silesia in Katowice,
International Baltic Earth Secretariat at Helmholtz-Zentrum Hereon (www.baltic.earth)

Draft Agenda

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Day	Mon 18/03	Tue 19/03	Wed 20/03	Thu 21/03	Fri 22/03
09:30-11:00 (2 x 45 min)	Welcome	**Jacek Piskozub:** Climate of the Baltic Sea region: under the jet stream, between Atlantic and Eurasia	**Hans von Storch:** Detection and attribution	**Mirosław Darecki:** Light in the Sea	**Martin Stendel:** Three centuries of weather observations on board of Danish ships
	Break 11:00-11:30				
11:30-13:00 (2 x 45 min)	**Urmas Lips:** Physical oceanography of the Baltic Sea	**Kari Hyytiäinen:** Long-run scenarios of drivers and pressures in the Baltic Sea region	**Lin Lin:** The internal variability in the marginal seas	**Karol Kuliński:** Biogeochemistry of the Baltic Sea	Discussion about knowledge gaps and summary
	Lunch break 13:00-14:00				
14:00-15:30 (2 x 45 min)	**Jacek Bełdowski:** Historical contamination of the seas – the case of Baltic Sea	**Maciej Telszewski:** Societal and scientific mandate for operational ocean information delivery: from observations to policy making and from estuaries to the abyss	**Ralf Weisse:** Storm surge physics and storm surge climate - From global scales to the Baltic Sea	**Markus Meier:** Climate change in the Baltic Sea region	
	Break 15:30-16:00				
16:00-17:30 (2 x 45 min)	**Kevin Parnell:** What causes coastal erosion? Exploring coastal geomorphology by addressing an apparently simple question	Poster session by the students	**Marc Silberberger:** Marine ecology of the Baltic Sea – a young ecosystem with extreme environmental gradients	**Marcus Reckermann:** Human impacts and their interaction in the Baltic Sea region	

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