## Department Seminar
### Physical Oceanography and Instrumentation
#### Winter Session 2022/2023

The seminar is held online via ZOOM.

**Seminar chair: Dr. Hadi Bordbar** *(hadi.bordbar@io-warnemuende.de, tel. 148)*

**Tuesdays, at 1 p.m. (13:00h CET).**

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<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
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<tr>
<td>18 October</td>
<td>Dr. Almir Nunes</td>
<td>Bridges observations, theory and numerical simulation of the ocean using machine learning</td>
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<td>25 October</td>
<td>Dr. Redouane Lguensat</td>
<td>The changing cryosphere in a warming world - examples from the Arctic, seen through a swedish lense</td>
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<td>8 November</td>
<td>Dr. Nina Kirchner</td>
<td>Temperature and salinity anomalies in the ocean's skin layer</td>
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<td>15 November</td>
<td>Prof. Dr. Oliver Wurl</td>
<td>Tracing the fingerprint of multi-decadal fluctuations in the Baltic Sea</td>
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<td>22 November</td>
<td>Dr. Florian Börgel</td>
<td>Future primary productivity of the Subpolar North Atlantic - decadal predictions and long-term projections</td>
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<td>29 November</td>
<td>Dr. Filippa Fransner</td>
<td>Diahaline exchange flow and mixing in the Baltic Sea</td>
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<td>6 December</td>
<td>Erika Henell</td>
<td>Salt Mixing in the Elbe Estuary</td>
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<td>13 December</td>
<td>Prof. Dr. Caroline Slomp</td>
<td>Large-scale low-frequency climate variability dominated past trends in the Baltic Sea’s water balance</td>
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<td>20 December</td>
<td>Prof. Dr. Markus Meier</td>
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**Graphic by Dr. Ulf Gräwe**

Last update: 28 November, 2022