

# Department Seminar

## Physical Oceanography and Instrumentation

### Summer Session 2022

**The seminar is held online via ZOOM: <https://uni-rostock-de.zoom.us/j/66256582205>**  
**Seminar chair: Dr. Hadi Bordbar ([hadi.bordbar@io-warnemuende.de](mailto:hadi.bordbar@io-warnemuende.de), tel. 148)**

Tuesday, 3 May, 13:00h	<b>Dr. Florian Börgel</b>	Atlantic multidecadal variability and the implications for North European precipitation
Tuesday, 10 May 13:00h		
Tuesday, 17 May 13:00h	<b>Dr. Saeed Hariri</b>	Impact of Mesoscale Turbulence on the Connectivity Properties of Oceanic Flows: a 3D Lagrangian Approach
Tuesday, 24 May 13:00h		
Tuesday, 31 May 13:00h	<b>Dr. Sadegh Yari</b>	On the effects of climate variability on the Peruvian Upwelling System
Tuesday, 7 June, 13:00h	<b>Dr. Marvin Lorenz</b>	How sea level rise hits you through the backdoor: amplification of extreme sea levels in shallow coastal lagoons
Tuesday, 14 June, 13:00h	<b>Dr. Hadi Bordbar</b>	Decadal variations and trends of the wind-driven upwelling across the west African coast
Tuesday, 21 June, 13:00h	<b>Prof. Dr. Hans Burchard</b>	Estuarine tidal dynamics and residual flow under land-fast sea ice
Tuesday, 28 June, 13:00h	<b>Dr. Ulf Gräwe</b>	Where to put it - how to relocate Arkona Buoy?
Tuesday, 5 July, 13:00h	<b>Markus Reinert</b>	Adaptive Vertical Coordinates: a Game Changer for Modeling Glacier Fjords?
Tuesday, 12 July, 13:00h	<b>Prof. Dr. Julie Pietrzak</b> (Environmental Fluid Mechanics, TU Delft, Netherlands)	tbd