

Department Seminar

Physical Oceanography and Instrumentation

Winter Session 2021/2022

Due to Corona regulations the seminar takes place only online via ZOOM
Seminar chair: Dr. Hadi Bordbar (hadi.bordbar@io-warnemuende.de, tel. 148)

Tuesday, 19 October, 13:00h	Dr. Xiangyu Li	Diahaline Mixing and Exchange Flow in A Large Multi-outlet Estuary with Islands
Tuesday, 26 October, 13:00h	Prof. Dr. Martin Visbeck (GEOMAR, Kiel)	Digital Twins of the Ocean - Opportunities to connect science to society
Tuesday, 16 November, 13:00h	Prof. Alexander Yankovsky (University of South Carolina, Columbia, SC, USA)	Offshore spreading of a supercritical plume under upwelling wind forcing: a case study of the Winyah Bay outflow
Tuesday, 23 November, 13:00h	Colloquium	
Tuesday, 30 November, 13:00h	Prof. Dr. Hans Burchard	The vertical structure of subglacial melt water plumes
Tuesday, 7 December, 13:00h	Dr. Natalia Herran	Physical controls over biogeochemical seasonal dynamics in the Benguela Upwelling System
Tuesday, 14 December, 13:00h	Prof. Brian MacKenzie (DTU Aqua, Denmark)	Oceanographic model skill assessment at time-space scales relevant for fisheries – an example using sprat in the Baltic Sea
Tuesday, 21 December, 10:00h	Dr. Agus Santoso (University of New South Wales, Sydney, Australia)	El Niño Southern Oscillation in a Warming Climate
Tuesday, 4 January, 13:00h	Dr. Thomas Neumann	ERGOM carbon cycle model
Tuesday, 11 January, 13:00h	Dr. Shubham Krishna (Hereon, Geesthacht)	Stressors and hidden agents in North Sea ecosystem
Tuesday, 18 January, 17:00h	Prof. Dr. Shang-Ping Xie (University of California, San Diego, CA, USA)	Predictive Ocean Dynamics in Warming Climate
Tuesday, 25 January, 13:00h	Dr. Tim Kruschke (SMHI, Norrköping, Sweden)	A simple coupled assimilation approach towards a new decadal climate prediction system