

**Department Seminar**  
**Physical Oceanography and Instrumentation**  
**Winter Session 2015/2016**

date	name	title	place
Monday, 19.10.2015, 13:00 h	Dr. Jeff Carpenter (Helmholtz-Zentrum Geesthacht)	The mixing of North Sea stratification by offshore wind farms	hall
Wednesday, 04.11.2015, 14:00 h	Dr. Tobias Kukulka (University of Delaware, USA)	The role of Langmuir turbulence in ocean surface boundary layer dynamics	hall
Tuesday, 10.11.2015, 13:00 h	Dr. Anja Eggert	Bulk zooplankton dynamics on the Namibian hypoxic shelf - as estimated from an ADCP backscatter time series	hall
Thursday, 19.11.2015, 11:00 h	Kirstin Schulz	Residual Sediment Transport by Tidal Straining near Sloping Topography	hall
Tuesday, 24.11.2015, 10:00 h	Dr. Marcus Dengler (GEOMAR Kiel)	A benthic-pelagic nutrient budget for the continental slope of the Peruvian Oxygen Minimum Zone	hall
Tuesday, 01.12.2015, 13:00 h	Dr. David Meyer	Glider technology for ocean observations	hall
Tuesday, 08.12.2015, 13:00 h	Chris Lappe	Observations of Boundary Mixing on Sloping Topography in the Bornholm Basin	hall
Tuesday, 15.12.2015, 13:00 h	Dr. Lars Arneborg (University of Gothenburg, Sweden)	Internal hydraulics of barotropically driven flows, with some examples from fjords and the Baltic entrance area	hall
Thursday, 17.12.2015, 14:00 h	Prof. Dr. Markus Jochum (Niels Bohr Institute, Copenhagen, Denmark)	Paleo proxies as challenge for Earth System Models; with a focus on Southern Ocean mixing	hall
Friday, 18.12.2015, 10:30 h	Prof. Dr. Juan M. Restrepo (Oregon State University, USA)	The Importance of Wave-Current Interactions in Transport and Dissipation	hall
Tuesday, 12.01.2016, 10:00 h, double session	Dr. Vadym Aizinger (Department Mathematik, University Erlangen-Nürnberg)	Discontinuous Galerkin finite element method for 3D circulation and transport in coastal and regional ocean	hall
	Dr. Knut Klingbeil	The concept of bio-adaptive vertical coordinates for resolving thin phytoplankton layers	hall
Tuesday, 19.01.2016, 13:00 h	Dr. Berkay Basdurak	Submesoscale Subduction in the Eastern Gotland Basin	hall
Tuesday, 26.01.2016, 13:00 h	Dr. Martin Schmidt	The Kunene upwelling cell as a link between the tropical and the subtropical Atlantic	hall
Dienstag, 02.02.2015, 13:00 h	Dr. Ulf Gräwe	Analysing extremes in the Baltic Sea for the Period 1948-2014.	hall