



## **Announcement: ICBM (Uni Oldenburg) – IUP Uni Bremen)**

### **Seminar on Physical Environmental Research**

**20.11.2015, 10-17 Uhr**

### **ICBM Oldenburg (Campus Wechloy), W15-1-146**

10:00: Welcome & Logistics: Oliver Zielinski

10:15 – 11:45: Session 1

Thomas Badewien: Long-term and high-resolution measurements in the East Frisian Wadden Sea

Georg Heygster: Morphological Development of the German Wadden Sea from 1996 to 2009 determined with the Waterline Method and SAR and Landsat Satellite Images

Benjamin Jacob: Local and Remote Response of the North Sea Dynamics to Morphodynamic Changes in the Wadden Sea

11:45 – 12:30: Lunch break

12:30 – 14:00 Session 2

Christian Winter: Coastal Morphodynamics

Jörg Wolff: Wave energies and wave-induced longshore currents in an unstructured-grid model - circulation in front of barrier islands

Ulf Gräwe: Anatomising one of the largest saltwater inflows into the Baltic Sea since 100 years

14:00 – 14:30: Coffee break

14:30 – 16:00: Session 3

Achim Roessler: Inverted Echo Sounder: an efficient tool to measure North Atlantic Current transports

Dagmar Kieke: Ventilation and circulation of Labrador Sea Water

Justus Notholt: Recent increase in stratospheric HCl. What is the origin, and does it have an impact on the stratospheric ozone layer?

16:00 – 16:15: Wrap up and closing remarks: Monika Rhein