

# IUP – AWI Blockseminar : Climate Change

Universität Bremen, Gebäude NW1, Raum S1360

09:45 Coffee, Arrival

10:15 Welcome Monika Rhein, IUP, Uni Bremen

10:30-11:00 **Justus Notholt**, Institute for Environmental Physics, IUP, Uni Bremen : Application of remote sensing in climate research

11:00-11:30 **Hermann Held**, ZMAW, Hamburg : Cost efficient solutions of the climate problem

11:30-12:00 **Michael Schulz**, MARUM, Uni Bremen : Climate information from Paleoarchives

12:00-12:30 **Andreas Oschlies**, GEOMAR, Kiel : Research to evaluate Climate Engineering

12:30-13:00 **Ulf Graewe**, Institute for Baltic Research IOW, Warnemünde : The present and future state of the Baltic Sea

13:00 – 14:00 Mittagessen

14:00-14.30 **Jürgen Kusche**, Institute of Geodesy and Geoinformation IGG, Uni Bonn : Sea level budgets from satellite gravimetry and altimetry

14:30-15:00 **Torsten Kanzow**, AWI Bremerhaven : The variable Atlantic Meridional Overturning Circulation: A Tale of large and small Scales

15:00-15:30 **Andreas Richter**, IUP, Uni Bremen : How do Changes in Air Pollution Impact on Climate?

15:30 – 16:00 **Reiner Steinfeldt**, IUP, Uni Bremen : The Role of the Ocean in the Carbon Cycle

16:00-16:30 **Angelika Humbert**, AWI Bremerhaven : Modelling Ice Flow Dynamics using a multi-physics hybrid scale approach