



**BOOS scientific workshop  
Preliminary PROGRAM  
Institute of Oceanology Polish Academy of Sciences  
Sopot, Poland**

**18 May 2016**

08:30-08:50	<b>Registration</b>
08:50	<b>Opening</b> Representative of IO PAS

Chair: **tbc**

09:00	<b>Progress and status in Copernicus' Marine Service for the Baltic Sea</b> Vibeke Huess (DMI)
09:20	<b>Latest news about Nemo operational modelling at SMHI</b> Patrik Ljungemyr (SMHI)
09:40	<b>Wave forecasts for the Baltic Sea as part of Copernicus CMEMS</b> Laura Tuomi, Olga Vähä-Piikkiö and Tero Siili (FMI)
10:00	<b>On Ensemble Variability in Ocean Modelling</b> Johan Söderkvist (FCOO)
10:20	<b>Three Application of Coupled Ocean Modeling for the Baltic Sea</b> Sebastian Grayek (HZG)

**10:40-11:00 Coffee break**

Chair: **tbc**

11:00	<b>EuroGOOS research Strategy and its relevance to BOOS</b> Jun She (DMI)
11:20	<b>Current measurements and future plans for observing the inflow water dynamics in the Polish EEZ</b> Waldemar Walczowski, Daniel Rak, Agnieszka Beszczynska-Möller (IO PAS)
11:40	<b>Modern programming techniques in ocean modeling</b> Piotr Piotrowski (MIG)
12:00	<b>Latest developments in data assimilation at SMHI</b> Lars Axel (SMHI)
12:20	<b>Implementation and evaluation of HBM-PDAF data assimilation system</b> Vasily Korabel (DMI)
12:40	<b>Modelling of Latvian territorial waters 2015-2016</b> Vilnis Frishfelds

**13:00-14:00 Lunch** (*not provided*)

Chair: **tbc**

14:00	<b>BOOS Data Portal and the first year in Copernicus INSTAC</b> Thomas Hammarklint (SMHI)
14:20	<b>Alg@line Ferrybox observation comparisons and improving the performance of remote sensing products in optically complex waters of the Baltic Sea</b> Seppo Kaitala (SYKE)
14:40	<b>Autonomous measurements from profiling-buoys and ferries to provide match-up data for calibration and validation of satellite products</b> Tiit Kutser (EMI)
15:00	<b>Investigation of dynamic phenomena on the sea surface with passive and active underwater acoustics</b> Aliaksandr Lisimenka, Agata Dragan, Zygmunt Klusek (IO PAS, MIG)
15:20	<b>Assessment on the nutrients and Chl. a products delivered by the Baltic MFC of Copernicus</b> Zhenwen Wan (DMI)
15:40	<b>Recent observations of environmental conditions on Vistula mouth area</b> Maciej Kałas, Izabela Osipowicz, Ewelina Misiewicz (MIG)

**16:00-16:20 Coffee break**

Chair: **tbc**

16:20	<b>COMMON SENSE PROJECT: OVERVIEW</b> Sergio Martínez Navas
16:40	<b>New highly sensitive temperature and pressure sensors for seawater monitoring</b> V. Lebedev, V. Laukhin, A. Mustufa, J. Barton, J. Salat, C. Rovira and J. Veciana
17:00	<i>new sensors tbc</i>
17:20	<i>new sensors tbc</i>
17:40	<i>new sensors tbc</i>

19:00	<b>BOOS Dinner</b> ( <i>details will be announced</i> )
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