



**BOOS Scientific Workshop**  
and  
**BOOS Annual Meeting**

Institute of Oceanography, Polish Academy of Sciences  
Sopot, 17<sup>th</sup> – 19<sup>th</sup> May, 2016

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## **BOOS Modelling Programme meeting**

Institute of Oceanology, Polish Academy of Sciences

**Agenda: Tuesday, 17<sup>th</sup> May, 2016**

1. Opening and welcome
2. Appointment of chair for the meeting
3. Appointment of rapporteur for the meeting
4. Adoption of the agenda
5. National reports
6. Operational Coordinator report – Adam Nord
7. Scientific Coordinator report – Lars Axell
8. Elections to the Programme Board
  - Operational Coordinator: Adam Nord, SMHI. One year left.
  - Scientific Coordinator: Lars Axell, SMHI. One year left.
  - Additional BMP member: Jens Murawski, DMI. One year left.

*Comment: Irene Lake has stepped down as Programme Manager; new person will be elected by the BOOS General Assembly on Thursday.*

9. New projects
10. Tasks for the board members during 2016
11. New members
12. Next program board meeting
13. AOB
14. End of meeting

## BOOS scientific workshop

Institute of Oceanology Polish Academy of Sciences

### Agenda: Tuesday, 18<sup>th</sup> May, 2016

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

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**

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 modelling</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 (LTU)

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

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**

16:20	<b>Common Sense Project: Overview</b> Sergio Martínez Navas (LEITAT)
16:40	<b>New highly sensitive temperature and pressure sensors for seawater monitoring</b> V. Lebedev (ICMAB-CSIC), V. Laukhin (ICMAB-CSIC), A. Mustufa (TYNDALL), J. Barton (TYNDALL), J. Salat (ICM-CSIC), C. Rovira (ICMAB-CSIC) and J. Veciana (ICMAB-CSIC)
17:00	<b>Microplastics sensor for real time on-situ measurements</b> Yi Guo (LEITAT), Cristina García (SNELL OPTICS), Fabio Confalonieri (IDRONAUT), Sergio Martínez Navas (LEITAT)
17:20	<b>Sensors for in-situ monitoring of underwater noise</b> Mike Challiss (CEFAS)
17:40	<b>Sensors for the in-situ monitoring of Eutrophication</b> Margret McCaul, Eoghan McNamara, Dermot Diamond (DCU)

19:00 **Joint COMMON SENSE and BOOS Dinner**

## BOOS Annual Meeting 2016 Institute of Oceanology, Polish Academy of Sciences

Agenda: Tuesday, 19<sup>th</sup> May, 2016

Item	Responsible	Action
<b><u>Session on BOOS activities: 09.00 – 12.00</u></b>		
1. Welcome	Local host	
2. Adoption of Agenda	Chair	Decision
3. Appointment of rapporteur	Chair	Decision
4. BOOS Chairman Report	Chair	Recommendation
5. EuroGOOS activities	Glenn Nolan	Discussion
6. BOOS Modelling Programme	Programme team	Discussion
7. Copernicus BAL MFC	Vibeke Huess	Discussion
8. Copernicus INSTAC Baltic	Thomas Hammarklint	Discussion
9. BOOS OBS Programme Agreement	Jan Reißmann	Discussion/Decision
10. BOOS Web	Chair	Decision
11. BOOS Newsletter	Chair	Recommendation

### **Lunch Break: 12.00 – 13.00**

<b><u>Session on BOOS Strategy and internal affairs 13.00 – 14.00</u></b>		
12. BOOS Strategy 2016-2020	Chair	Discussion/Decision
13. Election of STG members	Chair	Decision
14. Election of Chair	tbd	Decision
15. AOB (e.g. next Annual Meeting)	tbd	Decision
16. Closing of BOOS 2016 AM	tbd	

## Participants list

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