

Space Sciences Committee of the Polish Academy of Sciences, Gdansk Branch,  
in cooperation with the Baltic Sea & Space Cluster,  
Scientific Committee on Oceanic Research  
and Institute of Oceanology Polish Academy of Sciences  
under  
the honorary patronage of the Polish Space Agency

invite for a joint conference entitled

## **Science for Sea and Space**

9 April 2025

Venue: Institute of Oceanology Polish Academy of Sciences,  
Sopot, Powstańców Warszawy 55

Room number 67

## **AGENDA**

### **09:30 - 10:00 Conference opening**

### **10:00 - 11:00 Young Stars**

Jakub Hinc, Spaceflights and underwater environment as the psychological and physiological stressors – current medical knowledge and ways to build psychophysical resilience in humans exposed to dangers of unknown environments

Katarzyna Dragańska-Deja, Integrating Land and Coastal Systems: Satellite Data, Atmospheric Inputs, and Marine Observations in Arctic Case Studies

Patryk Sapięga, Application of satellite data and surveying to detect changes in the coastline and seabed evolution in the spit coast as a element of hydromorphological characteristics

Krzysztof Pырchła, Kamil Łapiński, Data Processing Strategies for Marine Gravity: A Case Study in the Southern Baltic Sea Region.

Jagoda Fuks, Joanna Rakieć, Continuous Development of Solar Hydrofoil Technology – A Student Research Perspective

### **11:00 -11:30 Coffee break**

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### **11:30 - 13:00 Sea and Space – application**

Marek Grzybowski, chair of the panel

Knowledge Transfer between Science and Sea and Space Business

Panelists:

Piotr Klonowicz, MARANI, Head of Strategic Projects

Marcin Osowski, ASE Group, Head of Strategic International Cooperation

Jan Siemiński, Business Development Manager, Trade and Economic Mission to Poland,  
Commercial Department of the Embassy of Israel in Warsaw

kpt. ż.w. Jerzy Najmoła, Transition Technologies-Software, Master Mariner, Main  
Consultant, Brand Advocate

Maximilian Minta, Neptun Studio

12:30 – 12:45 Matina Mitsobonou, Knowledge transfer in the MERINOVA Cluster, EU  
Affairs Manager, MERINOVA, Finland

12:45 – 13:00 Francisco Martinez, Bluedots Project - Case study as the Science activity for  
Sea and Space, Bluedots Project Manager, Diesis Network Société

### **13:00 - 13:30 Lunch break**

### **13:30 - 15:00 Sea and Space - Science**

Tomasz Zapadka, Radiation budget at the Baltic Sea surface in 2010 – 2023 from the  
satellite data

Katarzyna Malinowska, The law of the sea and its institutions as a pathway for the further  
development of space law

Mirosław Gerigk, Development of a new generation of advanced maritime platforms for  
creating the knowledge base and communication in 3D subsea space

Stanisław Lewiński, Land Cover - Basic Information About Earth's Surface

Mirosław Darecki, 10 years of the SatBałtyk System

### **15:00-15:30 Discussion and closing remarks**