



## INTERNATIONAL SOPOT YOUTH CONFERENCE Entitled: WHERE THE WORLD IS HEADING.

**16 June 2023**

### Agenda

- 9:00**                    **Conference start**
- 9:00 – 9:10**        **Welcome by *Jan Marcin Weslawski*, IO PAN Director  
and *Tymon Zielinski*, IO PAN/Sopot Science Association Chair**
- 9:10 – 9:30**        **Climate Change and Aerosol Science: from knowledge to engineering  
applications.  
*Luca Ferrero, Università degli Studi di Milano-Bicocca***
- 9:30 – 10:45**      **Session 1  
*Session Chair: Paulina Pakszys, SSA/IOPAN***
- 9:30 – 9:45**        ***Marta Majerska et al., Institute of Geophysics PAN*  
Water temperature variability in 2005-2022 in Fuglebekken (Svalbard).**
- 9:45 – 10:00**      ***Mathilde Lartigaud, University of Toulon*  
Risk of a change in ocean circulation.**
- 10:00 – 10:15**    ***Nicole Hanselmann et al., Institute of Geophysics PAN*  
Evaluation of evaporation in the Hornsund area (SW Spitsbergen) in the period 2019  
to 2022.**
- 10:15 – 10:30**    ***Zuzanna Kocięcka, University of Gdansk*  
Evolution of renewable energy technology based on the IPCC Reports.**
- 10:30 – 10:45**    ***Marta Górska, University of Wrocław*  
Microplastics and human health.**
- 10:45 – 10:50**    **Break**



**10:50 – 12:05 Session 2**

*Session Chair: Grażyna Niedoszytko, NMFRI-Gdynia Aquarium*

**10:50 – 11:05 Julia Perlikowska, Dominik Olczyk, Ateneum-University in Gdansk**

Did the economic reforms introduced by Shaukat Mirziyoyev liberate the people from cotton slavery?

**11:05 – 11:20 Jaroslaw Borucki, Ateneum-University in Gdansk**

Immigration and refugees.

**11:20 – 11:35 Jan Krzywdzinski, University of Wroclaw**

Brutalisation of the language of public discourse in Poland—causes and consequences.

**11:35 – 11:50 N. Niranjini, Educational and Research Institute, Chennai**

METAVVERSE MARKETING - FAD OR FOREVER.

**11:50 – 12:05 Rżysko Zuzanna et al., University of Warsaw**

Sustainability board game: how to introduce sustainability literacy to society?

**12:05 – 13:20 Session 3**

*Session Chair: Aleksandra Koroza, IO PAN*

**12:05 – 12:20 CANCELED**

**12:20 – 12:35 Zuzanna Mil, University of Gdansk**

Impact of Underwater Sound on Cetacean Populations: Phocoena Phocoena (Harbour Porpoise) Example.

**12:35 – 12:50 CANCELED**

**12:50 – 13:05 Karolina Maciejewska, University of Gdansk**

Ceramic vessels as the trap of the past environment: archaeobotanical study of plant remains from the Lusatian Urnfield Culture sites in Grodno and Polanowo.

**13:05 – 13:20 Pavani Vithana Madugeta Vidanamesthri et al., Institute of Oceanology PAN**

Variability of sound speed conditions in Hornsund Fjord, Svalbard from 2001 to 2019

**13:20 – 13:30 Break**



**13:30 – 14:45 Session 4**

**Session Chair: Dorota Majewicz, SSA/ Samarkand International University of Technology, Uzbekistan**

**13:30 – 13:45 Klaudia Bochniarz, Aleksandra Wybranska, University of Gdansk**  
Comparing the effects of lavender and rosemary essential oils on brainwaves and cognitive function: a case study.

**13:45– 14:00 Alphonse Abhishek Bamby et al., Institute of Geophysics PAN**  
Applying UAV-Based Remote Sensing Observation Products in High Arctic Catchments in SW Spitsbergen.

**14:00 – 14:15 Dagmara Pokojewska, Piotr Belczacki, Ateneum-University in Gdansk/Special School and Educational Center in Starogard Gdanski**  
On two wheels through Kociewie - a sports and regional education project.

**14:15 – 14:30 CANCELED**

**14:30 – 14:45 Szymon Szalapata, Ateneum-University in Gdansk**  
Between Body Shaming and Body Positivity.

**14:45 – 16:00 Session 5**  
**Session Chair: Natalia Szymanska, IO PAN**

**14:45 – 15:00 Wirginia Hepert et al., University of Gdansk**  
Decadal variability of air quality over the Tricity agglomeration based on ARMAG data - are cities destined to be continuously polluted?

**15:00 – 15:15 Andrea Doldi et al., Università degli Studi di Milano-Bicocca**  
Evaluating the performance of low-cost Alphasense OPC-N3 in an indoor environment.

**15:15 – 15:30 Irene Gini et al., Università degli Studi di Milano-Bicocca**  
Evaluating the thermodynamic properties of atmospheric aerosol deposited on high voltage insulators in function of its chemical composition.

**15:30 – 15:45 Amadeo Cefali et al., Università degli Studi di Milano-Bicocca**  
Validation of methods for determination of formaldehyde in stationary source emissions using a test bench 'LOOP'.

**15:45 – 16:00 Jakub Stankiewicz et al., University of Gdansk**  
Burial customs inferred from pollen and plant macroremains: archaeobotanical results from the 17th-19th c. crypt burials of the von Glasenapp family in Białowęż.

**16:30 – 17:15 Women and Girls in Science Panel**  
**Session Chair: Tymon Zielinski**



**17:15 – 17:30 Poster session summary (Posters will be available on Padlet from 13 June)**

*Session Chair: Szymon Smolinski, SSA/NMFRI*

**17:30 – 17:45** Announcements of the winners.

**17:45** Closing of the conference.