



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

Institute of Oceanology Polish Academy of Sciences  
Powstancow Warszawy 55, Sopot

7 June 2019

### Agenda

- 8:15 – 9:00**                    **Registration**
- 9:00 – 9:10**                    **Welcome by *Jan Marcin Węslawski, IO PAN Director*  
and *Tymon Zielinski, IO PAN, Sopot Science Association Chairman***
- 9:10 – 9:35**                    **Oceans under pressure - Why observing the ocean is critical for society?  
*Vincente Fernández, EuroGOOS Science Officer***

#### Parallel Sessions I

- 9:35 - 10:50**                    **Session I: Natural Sciences  
Session Chairs: *Monika Normant-Saremba, Paulina Pakszys***
- 9:35 – 9:50                    Modelling dynamic interactions between sea ice and icebergs.  
*Maciej Dojczman, Agnieszka Herman, University of Warsaw, University of Gdansk*
- 9:50 – 10:05                    Observations of the recent algae bloom dynamics in the Baltic Sea based on the MODIS  
AQUA ocean colour sensor.  
*Marta Konik, Mirosław Darecki, IO PAN*
- 10:05 – 10:20                    Black Carbon Hotspots in the Arctic.  
*Marco Cataldi, et. al., University of Milano-Bicocca, IO PAN*
- 10:20 – 10:35                    Antarctic bacteria and their metabolites in biotechnology.  
*Michał Styczyński, et. al., University of Warsaw*
- 10:35 – 10:50                    Where does the methane in the Sea of Galilee come from?  
*Klaudia Kusek, et. al., University of Gdansk, Kinneret Limnological Laboratory, Israel*
- 9:35 - 10:50**                    **Session I: Humanities and Social Sciences  
Session Chairs: *Izabela Kotynska-Zielinska, Dorota Majewicz***
- 9:35 – 9:50                    Relationship between dimensions of grandiose narcissism and Facebook addiction  
among university students.  
*Julia Maria Balcerowska, University of Gdansk*
- 9:50 – 10:05                    Detrimental side of compulsive studying: associations between study addiction and  
satisfaction with sexual life.  
*Michał Biernacki, et. al., University of Gdansk*
- 10:05 – 10:20                    Do Messaging Apps and Social Media Make Us Grow Apart?  
*Anna Bury, University of Gdansk*



10:20 – 10:35 Social Media Influencers—Scandal or Business Oriented Celebrities?  
*Natalia Głowacka, Małgorzata Łyczakowska, Justyna Piątek, University of Gdansk*

10:35 – 10:50 Agency-Communion model of narcissism and empathy.  
*Artur Sawicki, University of Gdansk*

10:50 – 11:00 Coffee break

### Parallel Sessions II

11:00 – 12:30 **Session II: Natural Sciences**  
**Session Chairs: Marco Cataldi, Karolina Pierzynowska**

11:00 – 11:15 The modelling of helium embrittlement in Fe-Cr alloys for fusion applications.  
*Marcin Roland Zemła, et. al., Warsaw University of Technology*

11:15 – 11:30 Molten carbonate fuel cell as a solution for environment pollution.  
*Aleksandra Łysik, Tomasz Wejrzanowski, Warsaw University of Technology*

11:30 – 11:45 Labile and stabile mercury in Harris mud crab (*Rhithropanopeus harrisi*) from the southern Baltic Sea – considerations for a role of non-native species in the food web.  
*Bartosz Wilman, et. al., University of Gdansk*

11:45 – 12:00 Propagation of the Vistula's freshwater into the Gulf of Gdańsk: how diatoms successfully track it down?  
*Jarosław Pędziński, Małgorzata Witak, University of Gdansk*

12:00 – 12:15 Observed and modelled wind wave steepness.  
*Aleksandra Cupiał, Witold Cieślakiewicz, University of Gdansk*

12:15 – 12:30 Why do we need *Zostera* meadows?  
*Natalia Miernik, et. al., University of Gdansk*

11:00 – 12:15 **Session II: Humanities and Social Sciences**  
**Session Chairs: Dorota Majewicz, Natalia Treder-Rochna**

11:00 – 11:15 The influence of the author's personality on the translation of popular science literature on the example of "Prisoners of Geography" by Tim Marshall.  
*Filip Filipowski, Ateneum-University in Gdansk*

11:15 – 11:30 The Cognitive Aspects of Literature in the Conception of Philip Kitcher.  
*Iwona Szydłowska, University of Gdansk*

11:30 – 11:45 Humanity for exchange? Technological and scientific progress and the nature of man in the writing of Stanisław Lem.  
*Marcin Kochanowski, University of Gdansk*

11:45 – 12:00 From Climate Change to Ecocide: Neologisms of the Anthropocene.  
*Dorota Skowrońska, Ateneum-University in Gdansk*

12:00 – 12:15 World Press Photo – between the aesthetics and the ethics.  
*Maja Bieńkowska, University of Gdansk*



## Plenary presentations

- 12:30 – 12:40**      **Presentation of SAPEA - Science Advice for Policy by European Academies.**
- 12:40 – 12:50**      **Presentation of the Marie Curie Alumni Association.**
- 12:50 – 13:00**      **Presentation by EuroGOOS, the European Global Ocean Observing System.**

## Poster Session I

- 13:00 – 13:30**      **1 minute poster presentations.**  
**Session Chairs: Marta Konik, Natalia Szymańska**
- 13:30 – 14:15**      **Lunch**

## Parallel Sessions III

- 14:15 – 15:45**      **Session III: Natural Sciences**  
**Session Chairs: Grzegorz Węgrzyn, Marta Konik**
- 14:15 – 14:30      Was the type of soil determinant during setting up cemeteries in Kuyavian-Pomeranian Voivodeship?  
*Joanna Michalak, Nicolaus Copernicus University*
- 14:30 – 14:45      Technogenic soils developed under the influence of industry in Inowrocław: Formation of various types of technogenic material and their ecological significance.  
*Sylvia Pindral, Piotr Hulisz, Nicolaus Copernicus University*
- 14:45 – 15:00      Laser surface treatment for biomedical applications.  
*Donata Kuczyńska-Zemła, et. al., Warsaw University of Technology*
- 15:00 – 15:15      The effect of genistein on anxiety related behaviors in R6 / 1 mice constituting genetically modified model of Huntington's disease.  
*Esteria Rintz, et. al., University of Gdansk*
- 15:15 – 15:30      Floral secretory tissue in sapromiophilous orchids.  
*Natalia Wiśniewska, et. al., University of Gdansk*
- 15:30 – 15:45      A damage study of structures using Electromechanical Impedance Method.  
*Shishir Kumar Singh, et. al., Institute of Fluid Flow Machinery, Polish Academy of Sciences*
- 14:15 – 15:15**      **Session III: Humanities and Social Sciences**  
**Session Chairs: Dominika Janus, Izabela Kujawa**
- 14:15 – 14:30      The World Hates the Homeless.  
*Karolina Morawska, Aleksandra Rumińska, University of Gdansk*
- 14:30 – 14:45      Prisoner society.  
*Zuzanna Czubačka, Marta Kot, University of Gdansk*
- 14:45 – 15:00      Validation of original socioeconomic uncertainty scale.  
*Piotr Drobczyński, Paweł Mechliński, et.al., University of Gdansk*



15:00 – 15:15

The phenomenon of megapolization and gigapolization in the global urban network in the years 1950 - 2015.

*Mirosław Wylon, Nicolaus Copernicus University*

15:30 – 15:50

Coffee break

#### Parallel Sessions IV

15:50 – 17:20

**Session IV: Natural Sciences**

**Session Chairs: Luca Ferrero, Tomasz Kijewski**

15:50 – 16:05

The development of antibiotic resistance of Salmonella enterica serotype Typhimurium under laboratory conditions.

*Karolina Borowska, et. al., University of Gdansk*

16:05 – 16:20

The differences in phage life cycle depending on growth conditions of the host and host serotype.

*Karolina Ciemińska, et.al., University of Gdansk, University of Sassari, Italy, Institute of Biochemistry and Biophysics, Polish Academy of Sciences*

16:20 – 16:35

Riboswitches – a drop in the ocean of regulatory RNAs in bacteria.

*Katarzyna Ścibek, University of Warsaw*

16:35 – 16:50

Antibacterial properties of Actinobacteria.

*Klaudia Dhuszczakowska, et. al., University of Gdansk, Institute of Biochemistry and Biophysics, Polish Academy of Sciences*

16:50 – 17:05

Comparative efficacy of bacteriophages and antibiotics in eradication of biofilms formed by multidrug resistant S. aureus strains.

*Natalia Łubowska, et. al., Medical University of Gdansk, Pomeranian Medical University in Szczecin*

17:05 – 17:20

A glimpse into the bacterial biocide resistance.

*Magdalena Ładziak, Agata Krawczyk-Balska, University of Warsaw*

16:00 – 17:15

**Session IV: Humanities and Social Sciences**

**Session Chairs: Katarzyna Kukowicz-Żarska, Dorota Majewicz**

16:00 – 16:15

Relationships make young women miserable? Satisfaction with sexual life, relationship status and quality of life among young women and men.

*Aleksandra Leniec, Paweł Atroszko, University of Gdansk*

16:15 – 16:30

Proto-mentality and panpsychism - the spiritualistic consequences of physicalism. The mind-body problem and the issue of personal identity; prerequisites for integrating duality.

*Michał Biedziuk, University of Gdansk*

16:30 – 16:45

Psychological functioning of people with different number of irritable bowel syndrome symptoms.

*Monika Mokosińska, University of Gdansk*



16:45 – 17:00

The Gender-Benders Are Here: A One-Year Update.  
*Kinga Erzepki, University of Gdansk*

17:00 – 17:15

Relations between personality factors and the expression of emotions by using emojis in depression.  
*Konstancja Szarek, University of Gdansk*

17:20 – 18:00

**Poster Session II: Poster presentations**

18:00 – 18:30

**Jury proceedings**

18:30

**Announcement of the results of the best presentation contest and the awards ceremony.**

20:00

**Afterparty in Club Atelier (Sopot, ul. Mamuszki 1, near Hotel Grand)  
All participants are welcome!**