



INTERNATIONAL SOPOT YOUTH CONFERENCE Entitled: WHERE THE WORLD IS HEADING

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

26 May 2017

Agenda

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| 8:15 – 9:00 | Registration |
| 9:00 – 9:10 | Welcome by <i>Prof. Janusz Pempkowiak, IO PAN Director and Assoc. Prof. Tymon Zielinski, IO PAN, Sopot Science Association Chairman</i> |
| 9:10 – 9:30 | Where is the World heading? A subjective and selective review of the past 10 years. <i>Assoc. Prof. Tymon Zielinski</i> |
| 9:30 - 10:45 | Session I: Polar Studies
Session Chairs: <i>Paulina Pakszys, Anna Raczowska</i> |
| 9:30 – 9:45 | Near surface variability of the water properties in relation to the ocean color remote sensing in the European Arctic.
<i>M. Konik, IO PAN</i> |
| 9:45 – 10:00 | Submesoscale Atmospheric Boundary Layer Processes over Fragmented Sea Ice.
<i>M. Wenta, A. Herman, University of Gdansk</i> |
| 10:00 – 10:15 | Feeding activity and diet of Antarctic herbivorous copepods in response to change in phytoplankton community composition (Admiralty Bay, South Shetland Islands).
<i>B. Jerzak, M. I. Zmijewska, A. Zgrundo, University of Gdansk</i> |
| 10:15 – 10:30 | Melting glaciers – an inconspicuous threat to polar zooplankton.
<i>M. Walczynska, M. Manko, A. Weydmann, University of Gdansk</i> |
| 10:30 – 10:45 | Can we use our brain to study climate change?
<i>I. Wrobel, IO PAN</i> |
| 10:45 – 11:00 | Coffee break |
| 11:00 – 12:30 | Session II: Social Sciences I
Session Chair: <i>Dorota Majewicz</i> |
| 11:00 – 11:15 | Where the family is heading? Child parentification in the context of relationships with siblings.
<i>J. Borchet, A. Lewandowska-Walter, University of Gdansk</i> |



- 11:15 – 11:30 The Role of the First Lady in the United States of America.
I. Stasiak, University of Gdansk
- 11:30 – 11:45 The dark side of immigration.
N. Grajaszek, M. Romaniuk, University of Gdansk
- 11:45 – 12:00 Adaptation to Climate Change in Africa: A Technical Riddle or a Democratic Challenge?
M. Mikulewicz, University of Manchester
- 12:00 – 12:15 Foreign Influences on Poland.
K. Najman, A. Sierant, M. Skrzynska, University of Gdansk
- 12:15 – 12:30 The challenges facing the Arctic region governance – from theory to practice.
W. Szczerbowicz, University of Wroclaw
- 12:30 – 13:15 Session III: 1 minute poster presentations**
Session Chairs: Iwona Wrobel, Milosz Grabowski
- 13:15 – 14:00 Lunch**
- 14:00 – 15:15 Session IV: Natural Sciences I**
Session Chairs: Przemyslaw Makuch, Katarzyna Draganska-Deja
- 14:00 – 14:15 The characteristics of the carbonate system in the Odra river estuary (Poland).
M. Stokowski, B. Schneider, J. Müller, G. Rehder, K. Kulinski, IO PAN
- 14:15 – 14:30 Comparing orientation of geological planes – topological aspects.
M. Michalak, G. Bytomski, University of Silesia
- 14:30 – 14:45 Transport and accumulation of radioactive particles in the Gulf of Gdansk.
K. Zielinski, University of Gdansk
- 14:45 – 15:00 How supercomputers will give raise to a breakthrough in materials science?
P. Klejment, Institute of Geophysics PAS
- 15:00 – 15:15 Impact of anthropogenic pressure on the southern Baltic Sea bottom.
M. Grabowski, IO PAN
- 15:15 – 15:30 Coffee break**
- 15:30 – 17:00 Session V: Social sciences II**
Session Chairs: Joanna Laszcz, Jacek Maslankowski
- 15:30 – 15:45 The subjective feeling of caregivers' burden in Parkinson's Disease (PD). Research Overview.
P. Golinska, M. Bidzan, University of Gdansk



- 15:45 – 16:00 Changes That Affect Process of Teaching—Persuasion vs. Manipulation.
E. Ornowska, University of Gdansk
- 16:00 – 16:15 The Future of Polish Employees on the European Union Labour Market.
E. Podgorska-Rakiel, University of Gdansk
- 16:15 – 16:30 Racial Diversity And Racism In the USA - a Contemporary Perspective.
B. Bem, M. Puczynska, M. Pawlowska, University of Gdansk
- 16:30 – 16:45 Where is the entrepreneurship heading? From productive to destructive entrepreneurship - the border.
M. Bielenia, University of Warsaw
- 16:45 – 17:00 Relationship between social anxiety and study addiction.
W. Wrobel, University of Gdansk
- 17:00 – 17:15 Coffee break**
- 17:15 – 18:15 Session VI: Natural Sciences II**
Session Chair: Karolina Pierzynowska, Mikołaj Mazurkiewicz
- 17:15 – 17:30 The impact of small-scale fisheries activities toward fisheries sustainability in Indonesia.
N. Ayunda, M. Sapota, University of Gdansk
- 17:30 – 17:45 Microplastics in the marine environment – sources, fate and impact on organisms.
K. Szewc, B. Graca, University of Gdansk
- 17:45 – 18:00 The role of the endoplasmic reticulum (ER) channels in transport of ricin from the ER to the cytosol.
N. Sowa, M. Slominska-Wojewodzka, University of Gdansk
- 18:00 – 18:15 The genistein-induced autophagy process as a novel approach for treatment of neurodegenerative diseases.
K. Pierzynowska, M. Podlacha, D. Myslinska, I. Majkutewicz, J. Mantej, N. Niedzialek, A. Wegrzyn, G. Wegrzyn, University of Gdansk
- 18:15 – 18:45 Session VII: Poster presentations**
- 18:45 – 19:15 Jury proceedings**
- 19:15 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!