



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

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

**20 May 2016**

### Agenda

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|---------------------|---|
| <b>8:30 – 8:50</b>  | <b>Registration</b>   |
| <b>8:50 – 9:00</b>  | <b>Welcome by Prof. Janusz Pempkowiak, IO PAN Director and Assoc. Prof. Tymon Zielinski, IO PAN, Sopot Science Association Chairman</b>   |
| <b>9:00 – 9:30</b>  | <b>How does consumer culture influence our happiness?<br/>Assoc. Prof. Anna Maria Zawadzka, University of Gdansk</b>  |
| <b>9:30 - 10:45</b> | <b>I Session: Fisheries, computing and navigation<br/>Session Chairs: Magdalena Lacka, Kajetan Deja</b>   |
| 9:30 – 9:45         | Game on! Machine learning in ecological modeling.<br><i>Sz. Smoliński, National Marine Fisheries Research Institute</i>   |
| 9:45 – 10:00        | Small-Scale Fisheries in Indonesia: The Efficiency of Technology Used in East Lombok Coastal.<br><i>N. Ayunda, M. R. Sapota, University of Gdansk</i>   |
| 10:00 – 10:15       | The Precise Orbit Determination for Navigation and Geodesy.<br><i>A. Wielgosz, M. Kalarus, Space Research Centre PAS</i>  |
| 10:15 – 10:30       | The impact of shipwrecks on the geochemical characteristics of the surface layer of the marine bottom sediments in wrecks deposition areas on the example of ORP Wicher.<br><i>T. Figiel, Ż. Kłostowska, P. Wysocki, L. Łęczyński, T. Ossowski, D. Zarzeczkańska, I. Pomian, University of Gdansk</i> |
| 10:30 – 10:45       | Assessment of the possibility of use of selected species for reduction of cargo microalgae phosphorus from urban after fish farms in closed circuits (RAS).<br><i>F. B. Harasimiuk, A. Nędzarek, West Pomeranian University of Technology Szczecin</i>  |



- 10:45 – 11:00**                      **Coffee break**
- 11:00 – 12:15**                      **II Session: Natural and anthropogenic phenomena**  
**Session Chairs: Katarzyna Draganska, Milosz Grabowski**
- 11:00 – 11:15                      Triclosan (TCS), the pharmaceutical and personal care products ingredient (PPCPs) - elaboration of the new analytical method and a preliminary assessment of the Gdańsk Basin sediments contamination.  
*M. Kobusińska, K. Osińska, E. Niemirycz, University of Gdansk*
- 11:15 – 11:30                      Microplastics in marine environments: problem overview.  
*G. Butrykowska, University of Gdansk*
- 11:30 – 11:45                      Breaking sea wave loads on truss structures.  
*O. Podrażka, W. Cieślíkiewicz, University of Gdansk*
- 11:45 – 12:00                      Influence of heat waves in South-West Poland in XXI century on the growth of the level of human mortality.  
*K. Martyński, University of Wrocław*
- 12:00 – 12:15                      The unthinkable is becoming a reality, or how to simulate earthquake on personal computer.  
*P. Klejment, Institute of Geophysics PAS*
- 12:15 – 12:45**                      **III Session: 1 minute poster presentations**  
**Session Chairs: Tymon Zielinski, Iwona Wrobel**
- 12:45– 13:30**                      **Lunch**
- 13:30 – 14:45**                      **IV Session: Polar studies**  
**Session Chairs: Paulina Pakszys, Anna Raczowska**
- 13:30 – 13:45                      What's the matter with the matter? Arctic studies on CDOM.  
*A. Raczowska, P. Kowalczyk, S. Sagan, M. Zabłocka, Institute of Oceanology PAS*
- 13:45 – 14:00                      Meroplankton of polar regions.  
*K. Walczyńska, A. Weydmann, University of Gdansk*
- 14:00 – 14:15                      Ready, steady, germinate!  
*Z. Smoła, C. Hoppe, E. Leu, IO PAN, Alfred-Wegener-Institute for Polar and Marine Research, Akvaplan-niva AS, Science Park*
- 14:15 – 14:30                      Soil and feces as a valuable source of information about Arctic ecosystem.  
*S. Zielińska, D. Kidawa, L. Stempniewicz, M. Łoś, J. M. Łoś, University of Gdansk*



- 14:30 – 14:45 Pelagic hydrozoan as indicators of climate change - Nordic Seas case study.  
*M. K. Mańko, S. Kwaśniewski, A. W. Weymann, University of Gdansk, IO PAN*
- 14:45 – 15:00 Coffee break**
- 15:00 – 16:15 V Session: Social sciences**  
**Session Chair: Dorota Majewicz**
- 15:00 – 15:15 Extracurricular marine education at the Gdynia Aquarium – helping to create a more environmentally aware society.  
*D. Wojcieszek, W. Podlesińska, G. Niedożytko, National Marine Fisheries Research Institute, Gdynia Aquarium Education Center*
- 15:15 – 15:30 The cognitive training with the game “Kalkulilo” and mathematical abilities in children – the preliminary results of a pilot study.  
*M. Kmiecik, Ł. Goraczewski, J. Matulewski, M. Gut, K. Finc, A. Ignaczewska, J. Stępińska, B. Bałaj, J. Dreszer, J. Majewski, E. Bendlin, P. Cholewa, W. Duch, Nicolaus Copernicus University in Torun*
- 15:30 – 15:45 Is it worth to be delisted?  
*A. Ambroziak, M. Deryło, Poznan Uniwersyty of Economics, University of Gdansk*
- 15:45 – 16:00 Factorial structure of the social anxiety scale and its relationship with maladaptive perfectionism among Polish students.  
*P. Bereznowski, W. Wróbel, P. Atroszko, University of Gdansk*
- 16:00 – 16:15 “Putin Putout” – words are a man’s best friend.  
*J. Łaszcz, University of Gdansk*
- 16:15 – 16:30 **Coffee break**
- 16:30 – 17:15 VI Session: Biology and medicine**  
**Session Chair: Maciej Janecki**
- 16:30 – 16:45 Estimation of dissolved organic matter flux between bottom sediment and water column.  
*M. Lorin, Université de Toulon*
- 16:45 – 17:00 Virus like particles as a platform for universal anti-influenza vaccine.  
*J. Węslawski, University of Gdansk and Medical University of Gdansk*



- 17:00 – 17:15      The level of mitochondrial DNA in fibroblasts from patients with Huntington disease.  
*N. Sowa, P. Jędrak, S. Barańska, G. Węgrzyn, University of Gdansk*
- 17:15 – 17:30      Human changes of lobelia lakes - the most precious polish water bodies.  
*A. Robionek, K. Banaś, University of Gdansk*
- 17:30 – 17:45      Habitat preferences of singing males of the common rosefinch *Carpodacus erythrinus* in  
Żuławy Elbląskie.  
*Z. Pestka, University of Gdansk*
- 17:45 – 18:15      VI Session: Poster presentations and Photo Exhibition Opening**  
**Session Chairs: Agata Szczegielniak-Kwasniak, Anna Zdunek**
- 18:15 – 18:30      Jury proceedings**
- 18:30                Announcement of the results of the best presentation contest and the awards ceremony.**
- 19:30                Afterparty in Club Atelier (Sopot, ul. Mamuszki 1, near Hotel Grand)**  
**All participants are welcome!**