

INTERNATIONAL SOPOT YOUTH CONFERENCE Entitled: WHERE THE WORLD IS HEADING

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

7 June 2019

List of Posters

- 1. Winter weather: now and in the early 80's in the two high-latitude fjords: Hornsund and Porsanger. Paulina Aniśkiewicz, Institute of Oceanology Polish Academy of Sciences, University of Silesia
- 2. The impact of physical parameterizations on the WRF model results. Paulina Aniśkiewicz, Institute of Oceanology Polish Academy of Sciences, University of Silesia
- 3. Laser Doppler Vibrometer (LDV) studies in damage detection analysis. Kaleeswaran Balasubramaniam, et al., Institute of Fluid Flow Machinery, Polish Academy of Sciences
- 4. Anatomy and structure of ovule in some representatives of angiosperms. *Emilia Brzezicka et al., University of Gdansk*
- 5. Comparative evaluation of thermal damage on a GFRP sample using Electromechanical Impedance, Guided Waves and Strain-based measurements. Aditya Choure et al. Dresden International University Institute of fluid flow machinery, Polish Academy of Sciences
- Towards a new approach to the phytoplankton community modelling the Baltic Sea numerical study.
 Cieszyńska Agata et al., Institute of Oceanology Polish Academy of Sciences, Leibniz Institute for Baltic Sea Research, University of Gdansk
- 7. Molecular characterization of DNA polymerase of Thermus thermophilus MAT72 phage Tt72. *Sebastian Dorawa et al., University of Gdansk, Matis ltd. Reykjavik*
- 8. Determination of optical characteristics of OPC-N2 and SEN0177 optical counters based on comparison with polar nephelometer Aurora 4000. *Katarzyna Dziembor and Dominika Czyżewska, University of Warsaw*
- 9. Distribution of planktonic diatoms in the Gulf of Gdansk and their importance in bioindication. *Antonina Gajo et al., University of Gdansk*



- 10. What lives on the stones in Gdynia Orłowo? Michał Piotr Gintowt and Natalia Anna Miernik, University of Gdansk
- Phages against bacteria: phage cocktails in degradation of Salmonella enterica biofilms under laboratory conditions.
 Lukasz Grabowski et al., University of Gdansk, Institute of Biochemistry and Biophysics, Polish Academy of Sciences
- 12. Loss of sea ice in the north of Svalbard area of the Atlantic water sector. Agata Grynczel, et al., Institute of Oceanology Polish Academy of Sciences
- 13. Methods of reproduction in the world of orchids. *Patrycja Guzanek et al., University of Gdansk*
- 14. Biodiversity of diatom flora in the coastal zone of the Gulf of Gdańsk. Dominika Hetko and Małgorzata Witak, University of Gdansk
- 15. Influence of coralyne and ionizing radiation on ROS induction in A549 cells. Patrycja Hetko and Dr Aneta Węgierek-Ciuk, Jan Kochanowski University in Kielce
- 16. Morphology and biofilm forming ability of Actinobacteria isolated from moonsilk samples derived from Chochołowska Cave located in the Tatra Mountains in Poland. *Weronika Jaroszewicz et al., University of Gdansk, Institute of Biochemistry and Biophysics, Polish Academy of Sciences*
- 17. Host range of bacteriophages specific for Salmonella enterica subsp. enterica isolated from excrements of farming birds. Mateusz Kaszubski et al., University of Gdańsk, Institute of Biochemistry and Biophysics, Polish Academy of Sciences
- 18. First record of allelopathic activity of brown strain of Synechococcus sp. Zofia Konarzewska and Sylwia Śliwińska-Wilczewska, University of Gdansk
- 19. V4 marker (18S rDNA subregion) designed to identify diatoms. Is it effective in green algae identification?
 Zuzanna Kowalska et al., University of Gdansk
- 20. HtrA4 enhances etoposide-dependent death of lung cancer cells. *Anna Latala et al., University of Gdansk*
- 21. Motivations and concerns of early career researchers within the marine sciences. Marek Lubośny and OYSTER EuroMarine working group, Institute of Oceanology Polish Academy of Sciences, Orienting Young Scientists of Euromarine, EuroMarine, International Network



- 22. Tracing atlantification with vertical distribution of gelatinous zooplankton in the Fram Strait (Arctic Ocean). Maciej Mańko et al., University of Gdansk, Institute of Oceanology Polish Academy of Sciences
- 23. Prebiotics supplementation alleviates behavioural changes evoked by long-term electrical stimulation of the amygdala in rats. *Maciej Mazur et al., University of Gdansk*
- 24. The fall of the antibiotic empire and rising of the phage therapy potential of vB_Eco4M-7 phage use against Escherichia coli O157:H7. *Necel Agnieszka, University of Gdansk, Institute of Biochemistry and Biophysics, Polish Academy of Sciences*
- 25. Benthic macrofauna structure and biodiversity in the Svalbard (Arctic Ocean) during polar night. Barbara Oleszczuk and Monika Kędra, Institute of Oceanology Polish Academy of Sciences
- 26. High level EcoRI restriction-modification system expression affects on the stability bacterial genome and cleavage effectivity of the invasive DNA. *Krzysztof Parniawski et al., University of Gdansk*
- 27. Taxonomic structure and vertical distribution of young developmental stages of Euphausiacea in Admiralty Bay. Izabela Przednowek et al., University of Gdansk
- 28. Impact of elicitation with jasmonic acid on biosynthesis and secretion of saponins in Calendula officinalis hairy root culture. *Agata Rogowska and Anna Szakiel, University of Warsaw*
- 29. Delamination detection in GFRP plates using wavelet analysis of mode shapes. Ganggang Sha et al., Hohai University Institute of Fluid-Flow Machinery, Polish Academy of Sciences
- 30. A damage study of structures using Electromechanical Impedance Method. Shishir Kumar Singh et al., Institute of Fluid Flow Machinery, Polish Academy of Sciences
- 31. Phase stability of W-based high-entropy alloys. Damian Sobieraj, Warsaw University of Technology, Culham Centre for Fusion Energy
- 32. The Clifford Groups. Szymon Soboczyński, University of Gdansk
- 33. Transformations of the carbonate system in the estuary of the Odra and Vistula rivers. *Marcin Stokowski et al. Institute of Oceanology Polish Academy of Sciences*
- 34. Antibacterial activity of novel polycationic peptide Intestinalin. Monika Szadkowska et al., University of Gdansk



- 35. Cross-talk of two transcription factors in Escherichia coli host leads to loss of cell viability. *Aleksandra Szczuka et al., University of Gdansk*
- 36. The first preview of the Culture Collection of Airborne Algae. Sylwia Śliwińska-Wilczewska et al., University of Gdansk
- 37. Tactical urbanism in the context of Tricity. Szymon Świtajski, University of Gdansk
- 38. Environmental Impact Assessment (EIA) procedure of "Droga wodna łącząca Zalew Wiślany z Zatoką Gdańską lokalizacja Nowy Świat" (Przekop Mierzei Wiślanej as an example of a national power regime. Szymon Świtajski, University of Gdansk
- 39. Does sex matter? Intraspecific aggression in the harris mud crab Rhithropanopeus harrisii. Julia Tuszer-Kunc et al., University of Gdansk, State University of Applied Sciences in Elblag
- 40. Aerolized algae as a potential human health threat current knowledge status. *Kinga Wiśniewska et al., University of Gdansk*
- 41. Floral secretory tissue in sapromiophilous orchids. *Natalia Wiśniewska, et. al., University of Gdansk*