



DOCTORAL SCHOOL CONFERENCE – EURO SCIENCE OPEN FORUM KATOWICE 2022

POSTER SESSION

LIST OF POSTERS PRESENTED IN KATOWICE (ON PAPER) AND IN LEIDEN (ONLINE)

| No. | First author           | Title  | University   |
|-----|------------------------|--|--|
| 1.  | Adamczyk<br>Joanna     | Comparison of the toxicity of forest and agri-food biomass ashes   | University of Silesia in Katowice                            |
| 2.  | Baron Jakub            | Relationships of selected tests for the assessment of special fitness off-ice with tests on ice of the elite players of the Polish ice hockey league.                                    | The Jerzy Kukuczka Academy of Physical Education in Katowice |
| 3.  | Błaszczak<br>Magdalena | Surgery training system supported by organic materials.  | University of Silesia in Katowice                            |
| 4.  | Bulanda<br>Sylvia      | Influence of thermally treated meat consumption for the occurrence of cancer in the oral cavity. Simple and natural ways to reduce the formation of muta- and carcinogenic PAHs in meat. | Medical University of Silesia, Katowice                      |
| 5.  | Burdzik<br>Marcin      | Mental disorders in a criminal trial   | University of Silesia in Katowice                            |
| 6.  | Derej<br>Wojciech      | WASTE MANAGEMENT AS THE DETERMINANT OF THE EUROPEAN GREEN DEAL IMPLEMENTATION  | University of Economics in Katowice                          |
| 7.  | Flak Tomasz            | The difficult art of implementation. A short guide for hitchhikers on the science-industry route.  | University of Silesia in Katowice                            |
| 8.  | Kachniarz<br>Kamil     | Thermal structure of Hansbreen, Spitsbergen, on the basis of repeated radio-echo soundings (machine learning approach)   | University of Silesia in Katowice (IEDS)                     |
| 9.  | Renc<br>Aleksandra     | Spatial structure of the Surface Urban Heat Island and Surface Cold Island in summer based on Landsat 8 imagery in the Górnśląsko – Zagłębiowska Metropolis                              | University of Silesia in Katowice                            |
| 10. | Zięba<br>Magdalena     | Dielectric films produced via sol-gel method and dip-coating technique for optoelectronics   | Silesian University of Technology                            |



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| No. | First author               | Title   | University   |
|-----|----------------------------|---|--|
| 1.  | Mickoś Elżbieta            | ASSESSMENT OF PHOTOPROTECTIVE PROPERTIES OF MEDICINAL PRODUCTS PACKAGING IN INFRARED SPECTRAL RANGE WITH USE OF DIRECTIONAL HEMISPHERICAL REFLECTANCE | Medical University of Silesia, Katowice                      |
| 2.  | Strzelec Karolina          | Identification of new polymorphic variants of P. gingivalis peptidylarginine deiminase gene in advanced periodontitis                                 | Medical University of Silesia, Katowice                      |
| 3.  | Szałabska-Rapała Katarzyna | Can research within the Doctoral School have a real impact on improving the quality of life of patients suffering from diabetes?                      | Medical University of Silesia, Katowice                      |
| 4.  | Walacik Tomasz             | Distraction in medical education. Deep learning to interpret temperature measurements   | Medical University of Silesia, Katowice                      |
| 5.  | Wiórek Agnieszka           | Old question-new answer: is hyperosmolar therapy the best treatment of increased intracranial pressure? A single-center cohort study                  | Medical University of Silesia, Katowice                      |
| 6.  | Gocki Michał               | THE STRUCTURE AND PROPERTIES OF NEWLY DEVELOPED COMPOSITE MATERIALS FOR INJECTION MOLDS PRODUCED WITH THE USE OF ADDITIVE TECHNOLOGY                  | Silesian University of Technology                            |
| 7.  | Krosta Roksana             | Models of speed development in soccer   | The Jerzy Kukuczka Academy of Physical Education in Katowice |
| 8.  | Nitychoruk Magdalena       | Differences in motivation during the bench press movement with progressive loads using EEG analysis   | The Jerzy Kukuczka Academy of Physical Education in Katowice |
| 9.  | Czapla Alina               | Higher-order dynamic capabilities: The literature review  | University of Economics in Katowice                          |
| 10. | Kubiczek Jakub             | The impact of the COVID-19 pandemic on the payment habits of Poles  | University of Economics in Katowice                          |
| 11. | Adebesin Kayode            | Advanced Polymer and Carbon Materials in Medical and Water Rescue   | University of Silesia in Katowice                            |



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|-----|---------------------|---|-----------------------------------|
| 12. | Bełza Klara         | Body/embodiment management strategies implemented by transgender people in socio-cultural contexts in Poland, Brazil, Canada, Thailand, and India | University of Silesia in Katowice |
| 13. | Dziki Paweł         | Testing the quality of printed products using hyperspectral cameras and chemometrics  | University of Silesia in Katowice |
| 14. | Godziek Janusz      | Automatic detection of pit-mound topography   | University of Silesia in Katowice |
| 15. | Grzywnowicz Klaudia | Synthesis and characterization of modified polymer biomaterials in regenerative medicine  | University of Silesia in Katowice |
| 16. | Ikechukwu Ugwu      | Multinational Corporations in Africa: A New International Law Approach to Protecting the Rights of Indigenous Peoples and the Environment         | University of Silesia in Katowice |
| 17. | Kozik Ewa           | MYTH AS A SOURCE OF SECURITY IN THE WORLD OF POST-TRUTH   | University of Silesia in Katowice |
| 18. | Orlińska Anna       | An adult as a learning objects-attitudes of adults towards their own participation in formal education and their determinants                     | University of Silesia in Katowice |