

THE LIST OF APPLICATIONS DECLARED AS ELIGIBLE FOR FUNDING IN THE COMPETITION SzIR-2

No.	Applicant (title/degree name and surname)	Faculty	Project title	Project grant
1.	Piotr Bilski, Ph.D.	Faculty of Electronics and Information Technology/Institute of Radioelectronics and Multimedia Technology	Dynamic sound source detection and localization with a microphone arrays using machine learning and prediction algorithms	PLN 190 950
2.	Artur Janicki, Ph.D.	Faculty of Electronics and Information Technology/Institute of Telecommunications	Terabot – a dialogue system for cognitive-behavioral therapy	PLN 295 958
3.	Karolina Krzykowska-Piotrowska, Ph.D.	Faculty of Transport	Navigation, positioning and wireless communication of the companion robot in outdoor conditions	PLN 249 550
4.	Tomasz Leś, Ph.D.	Faculty of Electrical Engineering/Institute of Theory of Electrical Engineering, and Measurement and Information Systems	Development of machine learning methods to support medical diagnostics	PLN 249 941
5.	Marcin Luckner, , Ph.D.	Faculty of Mathematics and Information Science	Automatic feature selection in indoor positioning systems	PLN 77 050

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6.	Paweł Malczyk, Ph.D.	Faculty of Power and Aeronautical Engineering/Institute of Aeronautics and Applied Mechanics	Efficient indirect optimal control methods for multibody systems	PLN 116 100
7.	Paweł Wawrzyński, Ph.D.	Faculty of Electronics and Information Technology/Institute of Computer Science	Recurrent neural networks for processing of sequential and graph data	PLN 150 300
8.	Anna Wróblewska, Ph.D.	Faculty of Mathematics and Information Science	Transfer Dataset: Efficacy of data abstraction and accuracy of data modelling (Transfer Dataset - TraDA)	PLN 291 785
9.	Dorota Zawieska, Prof. Ph.D., D.Sc.	Faculty of Geodesy and Cartography/Department of Photogrammetry, Remote Sensing and Spatial Information Systems	Development of artificial intelligence algorithms in the study of archival digital images from the crime scene	PLN 261 430
10.	Paweł Zawistowski, Ph.D.	Faculty of Electronics and Information Technology/Institute of Computer Science	New methods of adversarial attacks generation on deep neural networks using evolutionary algorithms	PLN 120 100