

THE LIST OF APPLICATIONS DECLARED AS ELIGIBLE FOR FUNDING IN THE COMPETITION BEYOND POB II

No.	Applicant (title/degree name and surname)	Faculty	Project title	Project grant
1.	Karol Brzeziński, D.Sc.	Faculty of Civil Engineering	Granular matter compaction optimization enhanced with numerical modeling.	PLN 159 756,00
2.	Piotr Gazda, D.Sc.	Faculty of Mechatronics	Innovative applications of magnetic methods in the testing of fly ashes for recycling, dusts from ventilation systems and corrosion products of iron-based materials	PLN 160 278,00
3.	Roman Jaskulski, Ph.D.	Faculty of Civil Engineering, Mechanics and Petrochemistry	Air permeability of concrete as a function of its moisture content	PLN 159 483,00
4.	mgr inż. Wojciech Kubiński	Faculty of Physics	Application of Machine Learning Methods to Optimization of Fuel Campaign in PWR Nuclear Reactor	PLN 95 447,00
5.	Łukasz Mężyk, D.Sc.	Faculty of Power and Aeronautical Engineering	Development of the new methodology of solid composite propellants manufacturing for New Space and Military applications, with use of advanced additive manufacturing techniques, and lost-mandrel extraction method compliant with green chemistry paradigm.	PLN 156 320,00

6.	Yadav Nikesh, D.Sc.	Faculty of Power and Aeronautical Engineering	Machine Learning assisted design of a laminar fluid mixer with spanwise actuation	PLN 155 139,00
7.	Artur Nowakowski, D.Sc.	Faculty of Geodesy and Cartography	Development of automatic global land use/land cover classification methods for selected thematic classes	PLN 160 285,00
8.	Lena Ruzik, Ph.D.	Faculty of Chemistry	A new concept for the control of functional food creation methods by speciation analysis of various elements present in microalgae	PLN 159 837,00
9.	Marek Stawowy, D.Sc.	Faculty of Transport	Use of uncertainty modeling for management of information quality in ICT transport systems	PLN 160 118,00
10.	Katarzyna Dąbkowska-Suszał, D.Sc.	Faculty of Chemical and Process Engineering	Integrated biotechnological production of ethanol and xylitol from agricultural lignocelulosic waste after alkaline pretreatment	PLN 160 535,00
11.	Jacek Wesołowski, Prof., Ph.D.	Faculty of Mathematics and Information Science	Probability models related to the Kardar-Parisi-Zhang universality class	PLN 159 572,00
12.	Małgorzata Wojtkowska, Ph.D.	Faculty of Building Services, Hydro and Environmental Engineering	The influence of natural sorbents on the trace metals stabilization in contaminated bottom sediments of freshwater reservoirs	PLN 158 637,00
13.	Karolina Zelga, D.Sc.	Faculty of Chemistry	Alcoholysis of organometallic species – deciphering the myths and realities	PLN 154 216,00