

THE LIST OF APPLICATIONS DECLARED AS ELIGIBLE FOR FUNDING IN THE COMPETITION ENERGYTECH-2: Impulse

No.	Applicant (title/degree name and surname)	Faculty	Project title	Project grant
1.	Piotr Darnowski, Ph.D.	Faculty of Power and Aeronautical Engineering	Comparative analysis of energy systems dedicated to low-emission and large-scale production of hydrogen	PLN 184 575,00
2.	Piotr Mazgaj, Ph.D.	Faculty of Power and Aeronautical Engineering	Investigation on hybrid nuclear power plants systems with high-temperature fuel cells dedicated to the production of hydrogen and balancing the power grid with a large share of renewable power plant	PLN 199 755,00
3.	Agnieszka Łekawa-Raus, Ph.D.	Faculty of Mechatronics	Highly conductive and ultra-lightweight electrical conductors based on carbon nanotubes fibres	PLN 199 989,60
4.	Michał Piszcz, Ph.D.	Faculty of Chemistry	Investigation of the corrosion of the aluminium current collector applied to electrolytes for lithium and lithium ion cells	PLN 195 775,00
5.	Marcin Poterała, Ph.D.	Faculty of Chemistry	Synthesis of the polymer electrolyte with cationic conductivity dedicated to Li metal batteries	PLN 194 850,00
6.	Sebastian Styński, Ph.D.	Faculty of Electrical Engineering	A comprehensive, modular power quality conditioning system with energy storage for low voltage distribution networks	PLN 197 800,00

Excellence Initiative – Research University
Priority Research Energy Conversion and Storage

7.	Sebastian Topczewski, Ph.D.	Faculty of Power and Aeronautical Engineering	Optimization of energy consumption of an unmanned electric-powered helicopter while performing take-off, waypoint flight and landing tasks (HELINERGY)	PLN 197 225,00
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