

THE LIST OF APPLICATIONS DECLARED AS ELIGIBLE FOR FUNDING IN THE COMPETITION POSTDOC

No	Applicant (title/degree name and surname)	Faculty	Competition	Project title	Budżet
1.	Hanna Zbroszczyk, Prof. PhD, DSc	Faculty of Physics	High Energy Physics and Experimental Techniques	Studies of interactions of strange particles in relativistic heavy-ion collisions at the STAR experiment at RHIC	PLN 451 950
2.	Jerzy Sobiecki, Prof. PhD, DSc	Faculty of Materials Science and Engineering	Materials Technologies	Modification the structure and properties of the NiTi shape memory alloy in the low-temperature plasma oxidation process in terms of application to bone implants using artificial intelligence methods	PLN 472 000
3.	Łukasz Ciupiński, Prof. PhD, DSc	Faculty of Materials Science and Engineering	Materials Technologies	Influence of microstructure of ion-irradiated tungsten on its properties important for fusion reactors applications	PLN 412 850
4.	Maciej Jarosz, Prof. PhD, DSc	Faculty of Chemistry	BEYOND POB	Safety and risk assessment of nanomaterials application in agriculture. Advanced mass spectrometry techniques in the study of iron and manganese based nanomaterials in seed, cereal and fruit-producing plants	PLN 405 950
5.	Dariusz Plewczyński, Prof. PhD, DSc	Faculty of Mathematics and Information Science	BEYOND POB	Beyond biophysical polymer modelling: application of deep learning to Multiscale Monte Carlo in the problem of Human genome structure prediction from DNA sequence	PLN 470 100

6.	Zbigniew Pakieła, Prof. PhD, DSc	Faculty of Materials Science and Engineering	Materials Technologies	Investigation of the influence of the preparation conditions on the microstructure and mechanical properties of structural materials based on titanium, produced by modern incremental techniques: Cold Spray and Selective Laser Melting.	PLN 475 400
7.	Elżbieta Malinowska, Prof. PhD, DSc	Faculty of Chemistry, Advanced Materials and Technology Center	Biotechnology and Biomedical Engineering	Studies on the dynamic interactions of bioreceptors with tumor markers	PLN 473 800
8.	Daniel Kikoła, Prof. PhD, DSc	Faculty of Physics	High Energy Physics and Experimental Techniques	Consolidation of the AEgIS experimental program at Warsaw University of Technology	PLN 463 150
9.	Romuald Beck, Prof. PhD, DSc	Advanced Materials and Technology Center, Faculty of Electronics and Information Technology	Materials Technologies	Technology and characterization of MIS/MIM structures for non-volatile memory applications	PLN 400 200
10.	Piotr Samczyński, Prof. PhD, DSc	Faculty of Electronics and Information Technology	BEYOND POB	Passive Radar Exploiting Space-borne Illuminators of Opportunity	PLN 463 210