

Excellence Initiative – Research University
Priority Research High Energy Physics and Experimental Techniques

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

| No. | Applicant (title/degree name and surname) | Faculty | Project title | Project grant |
|-----|---|---|---|----------------|
| 1. | Andrzej Wojeński, Ph.D. | Faculty of Electronics and Information Technology | High-performance FPGA-based compute module for advanced high-energy physics and plasma physics analyzes using high-level programming languages | PLN 645 010 |
| 2. | Krzysztof Czuba, Prof. Ph.D., D.Sc. | Faculty of Electronics and Information Technology | Prototype of precise Synchronization System for Linear Accelerators | PLN 397 675 |
| 3. | Daniel Kikoła, Prof. Ph.D., D.Sc. | Faculty of Physics | A tool for automated perturbative cross section computations for electron+nucleus and nucleus+nucleus reactions using the MadGraph5 framework – Phase I | PLN 159 355,50 |
| 4. | Dominik Sikora, M.Sc. | Faculty of Electronics and Information Technology | Phase stabilized fiber-optic link for synchronization of RF systems | PLN 160 425 |

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| 5. | Monika Jakubowska, Ph.D. | Faculty of Electrical Engineering | Machine Learning Algorithms for Particle Identification in the ALICE Experiment during the LHC Run 3 | PLN 294 400 |
| 6. | Gabriel Wlazłowski, Prof. Ph.D., D.Sc. | Faculty of Physics | Construction of a code for simulating nuclear systems and its application to study of superfluid fermionic matter | PLN 143 060 |