

Young Scientists from SPbPU Become Winners in “UMNIK” Program in St. Petersburg

The “UMNIK” (rus. for a clever person) program takes place in the RF subjects in order to spot the best young scientists and to make gifted young people carry out independent research projects for their further business application. The “UMNIK” program also contributes to setting up small innovative enterprises (SIEs) by young scientists and specialists.



Over 4.5 thousand young innovators took place in the program. More than 400 people made it to the semi-final and 118 participants from 30 universities, research institutes and enterprises of the RAS, St. Petersburg took part in the final.

40 young innovators became winners in the “UMNIK” competition and the Innovation Promotion Foundation gave each of them grants in the amount of 400 thousand, total sum of 16 million rubles.



Among them there are six winners from our university.

Daria Zotova, 5 year student , project “Development of chimeric protein of fused streptadivin and TAT-peptide”, winner in the category “Medicine of future”.

Denis Zarubin, Master’s course student, project “Development of equipment for electrolyte-plasma polishing method for figurine-shaped detections in electrolyte flow by a program sequence”, winner in the category “Advanced materials and technologies of their development”.



Anna Kapralova, Master’s course student, Institute for Military Engineering and Safety Research, project “Development of a combined blast resistance device”, winner in the category «Новые приборы и аппаратные комплексы».

Kristina Frizuk, 4 year student, Institute of Physics, Nanotechnology and Telecommunications, project “Development of biochemical detectors based on Raman scattering in silicon nanostructures”, winner in the category “New devices and hardware systems”.

Natalia Shipulya, Master’s course student, Institute of Metallurgy,

Mechanical Engineering and Transport, project “Development of a high precision microsystem platform based on the micro-fluid Wheatstone bridge for measuring differential pressure and other parameters”, winner in the category “New devices and hardware systems”.

Yury Orlov, Master’s course student, project “Development of a method for obtaining and research of NdCTR1 peptide copper and cisplatin chelator for its use in medicine and food industry”, winner in the category “Biotechnology”.

The full text of the article and the description of the winning projects can be found at <http://www.spbstu.ru/media/news/achievements/young-scientists-spbpu-winners-program-umnik/>

Intellectual Property Department, SPbPU

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