PURDUE UNIVERSITY
Discovery Park
OFFICE OF THE VICE PRESIDENT FOR RESEARCH

Enhancing University Research and Entrepreneurial Capacity

Purdue University's Discovery Park

Certificate for Participation in Training Module

"Developing Innovation Entrepreneurship Projects"

Pavel Burago

October 6-10, 2014

A.H. Rebar
Senior Associate Vice President for Research
Executive Director of Discovery Park

Dear Sir/Madam!

I, Victor P. Gergel, am pleased to recommend Pavel N. Burago, a fourth-year student at the Department of Computational Mathematics and Cybernetics, as a worthy candidate for enrollment for a field-work program at the Technical University of Barcelona. Throughout the period of his studies, Pavel has been focused on unprecedentedly high academic achievement, timely completion of formidable tasks, as well as showing genuine interest in the curriculum. As for Pavel's research work, he has proved to be a bright, versatile student, who has successfully defended his own ambitious IT-project "VYarde" (smart chat) at the III annual contest of innovative business ideas "InnoBusiness 2014", held amongst students and postgraduate students, which enabled him to represent the Department of Computational Mathematics and Cybernetics, Nizhny Novgorod State Lobachevsky University, at the international innovation forum, hosted by Purdue University, Indiana, the United States of America. The field-work under consideration would constitute a valuable platform for interviewing foreign specialists and getting a keen insight into Western methods and concepts of programming and the peculiarities of working with varied software based at the Technical University of Barcelona. Pavel would be able to perform a firsthand analysis of Spanish experience in the field of information technologies and computer science, simultaneously collecting necessary data for further research.

Apart from the above-mentioned pros, the field-work would give Pavel an opportunity to take part in the research activities carried out by the scientific centers, located on the campus of the Technical University of Barcelona: The Centre for the Simulation and Optimization of Logistic Processes (LOGISIM), The Reference Centre for Advanced Production Technology (CERTAP), The Supercomputing Centre of Catalonia (CESCA), The Sustainability Measurement and Modeling Lab (SUMMLAB). All those centers exemplify an unquestionably successful European experience in the domain of computational mathematics and computer science. It must be mentioned that Pavel is a sociable person, who finds a way with people easily, he thrives on thoughtful problem solving; the candidate is energetic, inquisitive and willing to entertain complexity. Pavel is not only profoundly involved into the department research activity, he is also an initiative representative of the Student Committee. In 2012 Pavel won the department contest in robotics, in 2014 he was honorably pronounced the Student of the Year at the Department of Computational Mathematics and Cybernetics. I am convinced that Pavel deserves to represent the Department of Computational Mathematics and Cybernetics at an educational institution abroad.

V Gergel Dr. Prof. Victor P. Gergel,
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