

POLYTECH DAYS IN BERLIN 2020

06-07.02.2020

“RUSSIA - EU: OPPORTUNITIES FOR COLLABORATION IN RESEARCH”

To promote science and research and to make more competitive means to bring scientific collaborations beyond the borders of the countries. International research projects today have a potential to result in great breakthroughs. Peter the Great St. Petersburg Polytechnic University (SPbPU) is one of the leading interdisciplinary research centers in Russia. The University holds leading positions in the world in such areas as materials science, experimental nuclear physics, information technology, biotechnology, and actively collaborates with leading European universities and companies in these areas.

In the framework of the event "Days of the Polytechnic in Berlin 2020", we invite our European colleagues to discuss the possibilities and prospects for the development of international collaborations in science and research on the following topics:

- formation of international teams with leading scientists for megascience projects – (e.g. SPbPU participation in collaborations PHENIX, ALICE, ITER)
- creation of joint laboratories and research centers at SPbPU under the supervision of leading scientists (megagrant programme) - using the example of the joint bioinformatics laboratory of SPbPU and the Technical University of Munich
- potential and advantages of cooperation with Russian universities - joint grants:
 - grants from the Russian Science Foundation with the participation of foreign scientists
 - Russian Foundation for Basic Research (RFBR) – DFG grants
 - DAAD scholarships for young scientists
 - grants provided by Russian and European scientific foundations for conducting joint research
- visiting professors program that allows leading European scientists to carry out teaching activities and conduct research in cooperation with colleagues from SPbPU
- innovative results of international scientific cooperation:
 - ABiRe - joint project of SPbPU and TU Hamburg - development of resource and energy-saving closed-loop technology (algae-based biotechnology of processing)
 - joint project of SPbPU and Leibniz University of Hanover on ultrapure alloys
 - CBC EFREA (SPbPU - Lappeenranta University of Technology) - a joint project in the field of creating designing energy structures and the development of advanced materials and technologies for efficient and reliable use in arctic conditions
 - CBC SUSTECH (SPbPU - Lappeenranta University of Technology) - a joint project in the field of development of light hybrid wooden materials for sustainable technology
 - INTERREG AREA21 (SPbPU - HafenCity University Hamburg - a consortium of universities) - a joint project "Smart City Areas of the Baltic Sea Region in the 21st Century".



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