

Russian-Chinese Center for Alliance between Medicine and Biotechnology Opened in Shanghai

The first day of the Russian-Chinese “Forum PuE” on biomedical innovation saw a series of roundtable talks dedicated to different science areas. One of the subjects of discussion was the use of machine learning for big data processing which involves the use of supercomputers. This technology is widely applicable in the so-called “life science” - disease analyses, DNA marker analyses, drug synthesis, etc. Another discussion focused on intellectual and logistic systems, speed limits and priorities for developing route strategies, in particular. The third roundtable was dedicated to e-commerce management in terms of priorities, discount and storage strategies, etc.



The highlight of the forum was the creation of the Russian-Chinese Center for Alliance between medicine and biotechnology (hereafter – Alliance center), sealed by signatures of the roundtable participants on the agreement on multilateral strategic partnership in medicine and biotechnology. Despite the fast immersion into the Chinese academic community, the university has experienced certain hardships with the promotion of the ongoing projects and their management in China. This brought companies with activities in different study areas together to

elaborate new methods, medications and equipment models. As part of this cooperation SPbPU is planning to take charge of engineering, technological and technical areas of cooperation. In general, activities carried out by the Center members will be coordinated by PuE business incubator.



The busy forum schedule included reports on essential topics delivered by the forum participants. Mrs. Su Jin, who assumed the role of the forum moderator, gave her overview of the potential science and technology partnership between Russia and China. Another forum highlight was the multilateral contract between SPbPU and some Chinese organizations, such as the Special Committee for Industrialization and scientific and technological achievements at the China Association for science and technology (Shanghai), "SINOTRANS LOGISTICS", and "Information science and technique "Bei Shei" (supported by the Chinese Academy of Science). The contract stipulates creation of the joint research center of information physics and machinery modelling that will be located at "Bei Shen" in Shanghai. The center will help start the laboratories of machine learning and intelligent systems and mathematical modelling and big data control.

That same evening an anniversary reception was held at the Representative office of SPbPU. It was attended by key partners of the university in Shanghai: East China Normal University and Shanghai Transport University, representatives of the free economic zone of Shanghai, Pudong administration and Chinese companies and organizations.





A series of agreements and contracts signed at the reception between the university and the PuE business incubator will give a start to several new projects like the development of the ultrasensitive thin-film sensors based on multi-layered nanostructures (ShanghaiMiaoShengIntelligent Technology Co., Ltd); implementation of the “SmartFoil” technology in electronics production using ceramic, piezoceramic and metal SMD-elements (HengE (Shanghai) MedicalTechnology Co., Ltd).



Congratulations marked the end of the reception.

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