

## SPbPU and the Russian-Armenian University Strengthen Cooperation

Peter the Great St. Petersburg Polytechnic University and the Russian-Armenian University (RAU) summed up the results of the third joint conference school, discussed the results of scientific and pedagogical cooperation in 2021, and discussed a pilot project to open a joint postgraduate school. Productive talks took place during the visit to the RAU of an official delegation from SPbPU, which included the Academic Supervisor, Professor of the Higher School of Applied Physics and Space Technologies Sergey MAKAROV and Deputy Director of the Institute of Electronics and Telecommunications Maksim VINNICHENKO.



The visit took place within the framework of the state project «Implementation of a set of measures to improve the efficiency of the Russian-Armenian (Slavonic) and Belarusian-Russian universities in training professional personnel for the digital economy through the development of research programs, additional education and advanced training programs for students and young scientific and pedagogical staff, including the use of modern distance technologies.» This project is funded by the Ministry of Science and Higher Education of the Russian Federation and aims to develop cooperation between SPbPU and the two Slavic universities.

One of the key topics on the agenda was summarizing the results of the third [Joint international conference on Astrophysics for Young Scientists](#), organized by SPbPU, RAU, and the Bürkan Astrophysical Observatory. During the conference, leading experts in astrophysics, space technology, radio astronomy, and navigation systems presented their reports, while young novice specialists had the opportunity to learn about the latest achievements in these scientific fields and share the results of their research. The organizers of the school stressed the importance of its holding in the issue of attracting the young generation to research works in the field of applied astrophysics and related fields and agreed to organize the fourth conference in 2022.



Another important topic of the talks was summing up the results of scientific and pedagogical cooperation between SPbPU and RAU for 2021 in the areas of «Physics of Nanostructures» and «Modern Telecommunication Technologies.» We have completed a textbook and several articles for highly ranked journals from the first quartile. In addition, we outlined the range of conferences where theses were sent to present and approve the results of joint scientific work, stressed Sergey MAKAROV. «Plans were also developed for further joint work under the ongoing Russian-Armenian RFBR grant for the study of single- and multi-particle optical effects in quantum dots Ge/Si.»

SPbPU and the RAU also held a separate meeting to discuss the organization of the 23rd All-Russian Youth Conference on Semiconductor and Nanostructure



Physics and Semiconductor Opto- and Nanoelectronics, scheduled for late November 2021. The meeting resulted in the formation of a working group to organize the conference and a program committee to review the papers sent to the conference. The parties discussed the details of the conference, as well as approved online the list of invited speakers — leading scientists and experts — with the program committee.



It is important to note that the Russian-Armenian University is well developed in the field of natural sciences because training specialists in natural sciences, engineering, and technical specialties is important for the economy of both Armenia and Russia. Polytechnic University is interested in actively attracting RAU graduates to continue their education at SPbPU, commented Maxim VINICHENKO.

At the end of the visit, the parties discussed a pilot project to open a joint graduate school and the possibility of conducting joint degree defenses at SPbPU and RAU in the field of physics of semiconductors.

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