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Cooperation Agreement on the Realization of the Joint Research Project "Sino-Russian Joint Research Center for Applied Mathematics" between Harbin Institute of Technology and Saint Petersburg State University

Based on the *Memorandum of Cooperation in Teaching and Research between Heilongjiang Provincial People's Government and Saint Petersburg State University* signed on May 23rd, 2014, Harbin Institute of Technology (hereinafter referred to as HIT), duly represented by Vice President Liu Hong and Federal State Budgetary Educational Institution of Higher Education «Saint Petersburg State University» (hereinafter referred to as SPbU), duly represented by Vice-Rector for International Affairs Sergey Andryushin, acting on the basis of proxy dated 21.12.2020 № 28-21-356, will expand the cooperation in education and research between universities in Heilongjiang Province and Saint Petersburg State University. As for the realization of research project "Sino-Russian Joint Research Center for Applied Mathematics" (hereinafter referred to as Project), HIT and SPbU come to agreements as follows:

1. Cooperation object

The cooperation object of this agreement is to establish a research project based on the existing teaching and research resources in applied mathematics possessed by both parties, which will gradually realize bilateral high-level talent training projects and build long-term academic exchange mechanisms among experts and scholars to increase cooperation opportunities in education, culture, science and technology innovation as well as technology industry incubation between the two universities.

2. Cooperation mechanisms

2.1. Formation of a bilateral academic exchange system

Within the framework of the Project, both parties initiate a regular academic exchange system for mutual mathematical research, regularly invite the other party's research team members for academic exchanges and visits, conduct advanced

researches according to the scheme "internal core team + external cooperation", introduce the philosophy of reciprocity, win-win, and mutual advantage in the Projects, focus on key scientific issues by intensive international academic interactions and develop team members with international perspectives.

2.2. Joint application for international research project and grant

Through the Project, both parties integrate dominant research resources and platforms, set up joint research teams to apply for international research projects and grants, such as the NSFC-RFBR cooperation research grants, research and development project supported by enterprises like Huawei, etc. Besides major fundamental researches, the members of the two parties will initiate specific research projects in applied and pure mathematics to encourage and foster the development of different disciplines in both universities, and promote the industrialization of research achievements.

2.3. Education resource integrating and credit recognition

Based on the Project, both parties integrate and share education resources, optimize the overall arrangement of the training design, select and share bilateral programs, take advantage of mutual discipline resources to offer Sino-Russian pilot programs on under/post-graduate education, and realize the recognition of credit between the two parties.

2.4. Student exchange/joint training

Under the framework of the Project, both parties form efficient personnel exchange mechanism and student joint training programs in various disciplines and within different research teams to promote integrating and discipline-crossing. In the first step, the two parties will realize student exchange and joint training program without mutual degree award. Based on the realization of the first step, the two parties will promote student exchange and joint training program with mutual degree award.

3. Authorized representatives

3.1. Both parties shall designate authorized representatives (as follows), who are responsible for the participation and organization in teaching and research activities of

the Project, the expert selection for the Joint Research Center as well as relevant news releases.

4. Validity period of this cooperation agreement

4.1. The duration of this cooperation agreement shall be five years effective from the date of signing by both parties and may be automatically extended for an additional period of one year upon mutual agreement of the parties; or this cooperation agreement may be negotiated and amended not less than six months in advance. When disagreements occur in the duration, both parties can reconsider cooperation conditions and sign a new cooperation agreement. Either party who wants an earlier termination shall give a notice to the other party in written not less than six month prior to the previously agreed termination date.

5. Other terms

- 5.1. Detailed contents and funding conditions of the cooperation between both parties shall be upon financial capacity and specific items of the parties and shall be implemented based on independent contracts signed by authorized administrators of both universities.
- 5.2. Within the duration of this cooperation agreement, detailed directions and contents of both parties' scientific research cooperation and joint education as well as exchange conditions for faculty, scientific research staff, and students shall be determined by specific plans, with a duration within that of this agreement.
- 5.3. The Parties agree to abide by intellectual property rights of each Party created before the conclusion of the present Agreement.
- 5.4. The intellectual property rights created under the present Agreement will belong to the Party created the intellectual property.

- 5.5. In respect to intellectual property jointly created by the Parties under the present Agreement the Parties agree to conclude a separate agreement on the legal protection, deployment and ensuring of confidentiality of such intellectual property.
- 5.6. This agreement may be amended and supplemented upon mutual agreement of the parties.
- 5.7. Disputes resulting from the implementation of this agreement shall be solved by negotiations between both parties. Conflicts left after negotiations shall be handled according to each party's domestic laws.
- 5.8. This agreement is made in two copies in English. Both copies signed by both parties have the equal legal effect.

On behalf of

Harbin Institute of Technology

On behalf of

Saint Petersburg State University

Liu Hong

Vice President

Date: 22.09.2021

Sergey Andryushin

Vice-Rector for International Affairs

Date: 11.06.2011