

REPORT
on International Relations Department of
Institute of Mathematics and Mechanics for the first half of 2017

During the reporting period, the International Relations Department carried out its activities in accordance with the scientific and scientific-organizational topics of the Institute of Mathematics and Mechanics and the Department of International Relations of the National Academy of Sciences of Azerbaijan.

Within the framework of international events of the Azerbaijan National Academy of Sciences, the department facilitated the search and development of international relations and opportunities for establishing cooperation between the scientists of the IMM NAS of Azerbaijan and foreign scientific centers and Universities.

One of the ways of international cooperation is participation in the implementation of joint scientific projects in the framework of international competitions (grants) for funding scientific research and scientific internships.

During the reporting period, Department of Foreign Relations of the Institute of Mathematics and Mechanics contributed to the conclusion of new international agreements on scientific cooperation:

1. An agreement signed between the Institute of Mathematics and Mechanics of the Azerbaijan National Academy of Sciences and Institute of Mathematics named after S.L. Sobolev, Siberian Branch of the Russian Academy of Sciences (Novosibirsk, Russian Federation).

Signing date: February 12, 2017

Agreement signed: Director of IMM, Corresponding Member of NAS of Azerbaijan, Professor Misir Mardanov
and the director of the Institute, Academician S.S. Goncharov

2. An agreement signed between the Institute of Mathematics and Mechanics of the National Academy of Sciences of Azerbaijan and the Northern (Arctic) Federal University. M.V. Lomonosov (Arkhangelsk, Russian Federation).

Signing date: April 17, 2017

Agreement signed Director of IMM, Corresponding Member of NAS of Azerbaijan, Professor Misir Mardanov
rector, prof. Natalia Kukarenko

3. An agreement signed between the Institute of Mathematics and Mechanics of the National Academy of Sciences of Azerbaijan and the Don State Technical University (Rostov-on-Don, Russian Federation).

Signing date: May 23, 2017

Agreement signed Director of IMM, Corresponding Member of NAS of Azerbaijan, Professor Misir Mardanov
Rector, prof. Besarion Meskhi

4. An agreement signed between the Institute of Mathematics and Mechanics of the National Academy of Sciences of Azerbaijan and Syktyvkar State University named after Pitirim Sorokin (Syktyvkar, Russian Federation).

Signed: October 20, 2017

Agreement signed Director of IMM, Corresponding Member of NAS of Azerbaijan, Professor Misir Mardanov
Rector, prof. Olga Sotnikova

To this end, the Institute's researchers provided with information and assistance in participating in a number of international scientific programs and competitions:

1. International scholarship of the Newton Foundation

The grant is intended for scientists outside the UK who are at an early stage of their research career and wish to continue their research in the UK. The grant

provides an opportunity for the best postdoctoral research researchers from around the world to work in British research institutions for two years.

2. The program of the scientific training tour "Scientific tour" to the United States of America with the organizational and financial support of the US Embassy in the Republic of Azerbaijan.

Within the framework of the Program, a group of scientists was invited to participate in a 10-day trip to familiarize themselves with the US scientific organizations.

3. The program for stimulating joint research by the Austrian Academy of Sciences "Joint Achievements in Science and Knowledge" (JESH)

The goal of the incentive program "Joint Achievements in Science and Cognition", announced by the Austrian Academy of Sciences, was to provide academia scientists with the opportunity to establish international contacts without any restrictions in a wide range of research areas. On the basis of mutual cooperation with partners around the world, the incentive program allows participants to develop their own scientific programs and submit competitive bids for international scientific grants with an Austrian research team or individual researchers.

4. UNESCO Internship Program in Engineering Sciences.

The Joint Program on Engineering Internship, implemented by the Polish National Commission of UNESCO and the Department of Science, Technology and Engineering of the Scientific and Technical University in Krakow. The internship program begins on October 2, 2017 for a period of 6 months.

5. The program of targeted research and development initiatives of the Ukrainian Science and Technology Center.

During the reporting period, researchers from the Institute of Mathematics and Mechanics participated in foreign conferences and symposiums, and also

visited a number of leading foreign scientific centers and Universities with a scientific mission:

1. Bilal Bilalov - corresponding member of the Azerbaijan National Academy of Sciences, Department Head; Turkey, Istanbul; 01/17/2017 - 01/27/2017. With the support of a research program. Studies within the framework of the NAS Azerbaijan Program "Application of the theory of frames and wavelet analysis in the processing of seismic signals and other applications."
2. Ramiz Aslanov, Department Head; Russian Federation, Vologda; 12.02.2017-22.02.2017; Participation in a scientific conference.
3. Vugar Ismailov - Department Head; Great Britain, London; 03/02/2017 - 18/03/2017; University of Oxford, Institute of Mathematics; Presentation at a scientific seminar with a scientific report.
4. Vagif Guliyev - Deputy Director, corresponding member of the Azerbaijan NAS, Doctor of Physical and Mathematical Sciences, Ankara, Turkey, 17.04.17 - 21.04.17; Participation in Organizing Committee of the international conference;
5. Vagif Guliyev - Deputy Director, Corresponding Member of the Azerbaijan NAS, Dr.Sc. - Rostov-on-Don, Russian Federation, 24.04.17 - 27.04.17 (plenary report);
6. Rovshan Bandaliev - Doctor of Physics and Mathematics, Professor; Rostov-on-Don, Russian Federation, 24.04.17 - 27.04.17 - participation in the international conference;
7. Ramiz Aslanov - Head of Department, Doctor of Physical and Mathematical Sciences, Togliatti, Russian Federation, Togliatti State University; 23.04.17 - 30.04.17, participation in the International Scientific Conference;
8. Soltan Aliyev - Professor, Doctor of Physical and Mathematical Sciences; Lviv, Ukraine, 03.05.17 - 16.05.17, participation in the International Scientific Conference;

9. Tair Hajiyeu - Professor, Doctor of Physical and Mathematical Sciences; Lviv, Ukraine, 03.05.17 - 16.05.17, participation in the international scientific conference;

10. Bilal Bilalov - Corresponding Member NAS of Azerbaijan, Doctor of physical and mathematical sciences, Department Head; Ufa, Russian Federation; Ufa State University, May 19, 2017 - May 26, 2017; participation in the International Scientific Conference;

11. Ibrahim Mayilov is Doctor of Physics and Mathematics, Chief Scientific Officer of the Department of Non-harmonic Analysis; Ufa, Russian Federation; Ufa State University, May 19, 2017 - May 26, 2017; participation in the International Scientific Conference;

12. Geylani Panahov - corresponding member of the Azerbaijan NAS, Doctor of Technical Sciences, Head of the Department of Fluid Mechanics; People's Republic of China (Beijing, Penglai), July 4, 2017 - July 18, 2017; field test of technology in cooperation with the Scientific Center of the GCC Group. Corp.

13. Eldar Abbasov - Leading Researcher of the Department of Mechanics of Fluids and Gas, Ph.D., Associate Professor; People's Republic of China (Beijing, Penglai), July 4, 2017 - July 18, 2017; field test of technology in cooperation with the Scientific Center of the GCC Group. Corp.

Head of department,

Candidate of Sciences (Tech),

Associate Professor

Eldar Abbasov