

CONFERENCES, SEMINARS

International conference dedicated to the 810th anniversary of N.Tusi (Institute of Mathematics of ANAS)



On July 6-8, 2015, with the grant financial support of the Science Development Foundation under the President of the Republic of Azerbaijan, with the scientific and organizational support of the Shamakhy Astrophysical Observatory named after Nasraddin Tusi, the international conference was held on the topic: "Variability of the Sun and Sun-Like Stars: From Asteroseismology to Space Weather".



On April 4-7, within the framework of the Azerbaijani-Russian cooperation, Shamakhy Astrophysical Observatory named after Tusi of the National Academy of Sciences of Azerbaijan and Pushkov Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation Russian Academy of Sciences, jointly organized at the observatory an International Workshop on the topic "Actual problems of Solar-Terrestrial physics."



On October 8-12, 2018, The International Space Weather Initiative School on Space Weather and Global Navigation Satellite Systems



On September 16-20, 2019, in connection with the 60th anniversary of Shamakhy Astrophysical Observatory named after Nasraddin Tusi of the Azerbaijan National Academy of Sciences (ANAS) and the 100th anniversary of International Astronomical Union, an international conference was held "Physics of stars and planets: Atmospheres, Activity, Magnetic fields". Leading scientists from 12 countries, including Russia, Ukraine, Poland, Netherlands, Italy, Turkey, Germany, Georgia, Tajikistan, Sweden, India, and Kazakhstan participated in the conference.

SPEECH BY THE PRESIDENT OF THE AZERBAIJAN NATIONAL ACADEMY OF SCIENCES, ACADEMICIAN AKIF ALIZADEH AT THE INTERNATIONAL CONFERENCE "PHYSICS OF STARS AND PLANETS:ATMOSPHERES, ACTIVITY, MAGNETIC FIELDS"

Dear participants of the conference!

Ladies and gentlemen!

Azerbaijan has a rich scientific tradition and a long history of astronomy. Today, we are celebrating the 60th anniversary of Shamakhy Astrophysical Observatory – the heir of the Maragha Observatory, which was founded in the 13th century. The Maragha Observatory and its founder Nasiraddin Tusi have had great contributions to the development of astronomy and other fields of science. It is no coincidence that Shamakhi Astrophysical Observatory is named after the prominent Azerbaijani astronomer Nasiraddin Tusi.

The organization of the scientific activity at the state level in Azerbaijan was initiated with the establishment of the Academy of Sciences in 1945. A new stage in the development of the national astronomy started especially in this century. In the 1920s, the expeditions were organized on the study of Astro-climate in the territory of Azerbaijan, and finally, Shamakhy Astrophysical Observatory, which celebrates its anniversary today, was found in 1959. The former President of the Academy of Sciences, academician Yusif Mammadaliyev played a particular role in the establishment of the observatory and its formation as an independent research center.

Shamakhy Astrophysical Observatory has become an important research center and achieved great scientific results in the field of astrophysics, due to the exceptional care and support of the Great Leader Heydar Aliyev, who governed Azerbaijan during the former Soviet Union and after its independence. The Orders, signed by the National Leader for the comprehensive development of the Observatory and his visit to the Observatory in 1974 are still of great importance.

Unquestionably, Shamakhy Astrophysical Observatory is experiencing the heights of development today. Thus, Shamakhy Astrophysical Observatory has been reconstructed, its physical infrastructure has been renewed, and has been equipped with expensive tools and apparatuses for high-performance research by the relevant Decree of the President of the Republic of Azerbaijan, Mr. Ilham Aliyev, who places great importance to the development of science in our country. The President Ilham Aliyev personally participated in the opening ceremony of the Observatory after the reconstruction and restoration, and stated that "Azerbaijan should be the leader of the region in all areas, as well as in science." All of these have posed a daunting task not only for astrophysicists, but for all Azerbaijani scientists as a whole.

Today, important reforms are underway in Azerbaijani science. Serious steps are being taken to strengthen the physical infrastructure of science, to identify the challenges of the world science and to set priorities for the interests of our country, to integrate science and education, to train young specialists and to improve the social status of researchers. Obviously, the priorities and goals, challenges and tasks of independent Azerbaijani science fairly differ from previous periods. Our country has recently focused on space exploration more, and great opportunities for the development of the space industry and technologies have been created. The launch of the Azerbaijani telecommunications satellites into orbit is a typical example of this. I am very delighted to say that in the near future, Azerbaijani astronomers are planning to perform astrophysical experiments on nano-satellites.

Shamakhy Astrophysical Observatory is expanding its international scientific relations. The Observatory has established scientific cooperation with many institutions throughout the world. In recent years, the employees of the Observatory have been involved in the grants of the European Union, research programs within the framework of various international projects, numerous international conferences, symposiums and workshops. The participants, prominent scholars and experts attending these conferences are also a good indication of the international scientific relations of the Observatory.

Shamakhy Astrophysical Observatory, which celebrates its 60th anniversary, is training young scientists and integrating science and education. Today, it has close scientific relationship with Baku State University, National Aviation Academy and Azercosmos. As a result of these relations, the fundamental faculties and joint laboratories have been established to provide extensive opportunities for multidisciplinary research. The laboratory established under the leadership of academician Arif Pashayev and academician Roald Sagdeev promises significant perspectives in the field of astrophysics.

Unlike previous years, the development of modern information and communication technologies, the rapid expansion of the Internet, the use of artificial intelligence and Big Data technologies have paved way to new opportunities in astrophysics, as in all other areas.

Dear participants of the conference!

The program of the conference and the reports to be delivered here are quite rich and comprehensive. I think that the most relevant and current problems in the field of astrophysics will be discussed and new ideas and concepts will appear. I wish you all success in the work of the conference and look forward for cooperation.

Thank you for your attention!





Mobile meetings of the Presidium of ANAS were held in the observatory (2016).



ANAS Shamakhi Astrophysical Observatory after Nasreddin Tusi, the Institute Literature after Nizami and Scientists' House held the 2nd **"Physics and Lyrics"** conference on "The Novruz calendar: in lyric and astrophysics" (2017)

