

**AT THE VIII CONFERENCE "PHYSICS AND
LYRICS" ON
"MATHEMATICAL-ASTRONOMICAL VIEW IN
NIZAMI GANJAVI'S WORKS " AT THE SHAMAKHY
ASTROPHYSICAL OBSERVATORY NAMED AFTER
NASRADDIN TUSI**

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Dear conference participants!

This year's concept of the Conference "Physics and Lyrics", dedicated to the 880th anniversary of the great Azerbaijani poet Nizami Ganjavi is the mathematical and astronomical views in the works of Nizami Ganjavi. As known, by the Decree of the President of the Republic of Azerbaijan Mr. Ilham Aliyev dated January 5, 2021, this year was declared the "Year of Nizami" in commemoration of the 880th anniversary of the prominent Azerbaijani poet Nizami Ganjavi. The Decree of President Ilham Aliyev serves, on the one hand, the protection, study, and promotion of our national and spiritual values, our classical literary heritage, and, on the other hand, the promotion of the Azerbaijani people's challenges for peace, justice, and humanity in the world about thousand years ago.

Undoubtedly, Nizami Ganjavi's ideas are of great importance in the current stage of development of independent Azerbaijan, especially in the development of the Azerbaijani ideology and the formation of a new generation in the spirit of national and moral values in the context of the enthusiasm mainly after the great victory in the 44-day Second Karabakh War. Also, in the framework of the contemporary challenges and theoretical and methodological capabilities, we need for a comprehensive and in-depth study of the great heritage of Nizami Ganjavi, as well as his knowledge of nature, society, and science by our scientists. An Action Plan has been developed at the Azerbaijan National Academy of Sciences for the implementation of the tasks arising from the above-mentioned Decree, including the multidisciplinary study of the great Nizami's heritage, and instructions have

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been given in relevant scientific fields. This Action Plan has set several important tasks for both the humanitarian and social sciences and other sciences. At the same time, other important events are being held in our country and abroad within the content of the "Year of Nizami".

Thus, a few years ago, the Nizami Ganjavi Scientific Center of Azerbaijan and Caucasian Studies was established at Oxford University on the initiative of the Vice-President of ANAS, Rector of Baku Branch Lomonosov MSU, Academician Nargiz Pashayeva, and Professor of Oriental Studies Faculty at Oxford University Robert Hoyland. By the way, I should mention that the establishment of this center at Oxford University, where the world's most influential scientists and specialists work, and also the significant works done there, play an important role to accept Nizami Ganjavi as an Azerbaijani poet by the international community, scientists, and experts. Generally, due to the recent work carried out under the leadership of President Ilham Aliyev, both in our country and in the international arena, Nizami Ganjavi is already presented to the world as an Azerbaijani thinker and value. No coincidence that the "Gold Medal of the Republic of Azerbaijan named after Nizami Ganjavi" was established in 2014 by the order of the President for fundamental and applied scientific results, discoveries, inventions, as well as special services in the development of science.

One of the most prestigious events dedicated to Nizami Ganjavi was recently held at the State Hermitage Museum in St. Petersburg. At the ceremony dedicated to the 880th anniversary of Nizami Ganjavi, the director of the Hermitage Museum, academician Mikhail Piotrovsky gave detailed information about the creativity of Nizami Ganjavi, miniatures prepared on the themes of his works. One of the most important features of this event is that still in 1941, in the period of the Great Patriotic War, during the siege of Leningrad, Nizami's 800th anniversary was celebrated in the Hermitage. Undoubtedly, the remembrance of Nizami at this level in the scientific and cultural centers of the world, the analysis of his works give us a great sense of pride as a citizen. Because Nizami Ganjavi is a cultural and spiritual treasure not only for Azerbaijan, the Turkish and Muslim world but also for the whole world.

Today, the Azerbaijan National Academy of Sciences conducts extensive research to study the life, work, and philosophical views of Nizami Ganjavi, and a series of events are organized. The books, papers, and works published this year, the work done both inside and outside the country, as well as the events planned to be implemented by the end of the year, show that the tasks set for the Azerbaijan National Academy of Sciences are carried out with great responsibility and consistency. Currently, Nizami Ganjavi's heritage is studied at the Academy of Sciences not only from an artistic and philosophical point of view but also as an encyclopedic source that reflects the extensive knowledge of the

period as a whole. Because the creativity of genius Nizami Ganjavi in figurative meaning was the university and academy of his time. When we look through the formation history of scientific thinking in Azerbaijan, undoubtedly, Nizami Ganjavi, Nasreddin Tusi, and other thinkers will be among the first to come to our attention. The role of these prominent figures and personalities in the formation of national intellectual thinking throughout history is very great.

Preliminary investigations show that Nizami's works are a crypto world whose secrets have not yet been fully revealed. So, from this point of view, the analysis of Nizami's works by new researchers in the context of modern scientific, technological innovations and opportunities, theoretical and methodological approaches promise to achieve very interesting and important results.

As known, the XXI century is characterized by the development of exact sciences, technologies, the progress of fundamental sciences. Just in this context, to pay attention to Nizami Ganjavi's creativity, to analyze his works, to promote his ideas and challenges is very important. From this point of view, the re-examination of Nizami Ganjavi's works in various contexts, whether within the context of astronomy, mathematics, or other exact sciences, I think, will lead to fascinating conclusions.

In this regard, the Conference "Physics and Lyrics" is significant. Dedicating the 8th Conference to Nizami Ganjavi's creativity, especially from the point of view of exact sciences, is a very correct approach. Therefore, I appreciate the research in this field and I am grateful to the staff of the Shamakhi Astrophysics Observatory for hosting the Conference. And I wish success to the work of the Conference!