

EVENTS

AZERBAIJANI SCIENTIST WHO ENRICHES WORLD SCIENCE WITH HIS THEORIES

Lotfi A. Zadeh, the founder of the theory of fuzzy logic in the field of artificial intelligence, is mentioned along with the giants of world science. His scientific discoveries and ideas are aimed at the development of mankind, human welfare and comfort. Using the scientific theories of the scientist, well-known companies from hundreds of countries have made great strides and achieved great economic benefits. Lotfi A. Zadeh loved his homeland and people very much. "I never hid the fact that I was Azerbaijani, on the contrary, I was proud of it," he said, demonstrating how much he is attached to his nation.

In February 2011, by order of President Ilham Aliyev, a prominent scientist was awarded the Order of Friendship for his contribution to the development of technology and the establishment of intercultural dialogue. His anniversaries have been celebrated on a high level all over the world.

Baku was the address of the most pleasant and fragile memories for the world-famous scientist. Lotfi A. Zadeh - Lutfali Rahim oglu Alasgarzadeh was born on February 4, 1921 in Baku, in the house No. 79, Asya Street, in the family of a journalist-psychologist. His father Rahim Alaskarzadeh studied at the faculty of "Oriental Studies" of the Azerbaijan University. He was both a businessman and a spokesman for the export-import press. His mother, Feyga khanum, graduated from the Tbilisi Girls' Gymnasium in 1918, and became a pediatrician at the medical faculty of the Azerbaijan University. Lotfi began his education at school No. 16 in Baku. Four years of his life were connected with that educational institution.

At the beginning of the last century, due to the tense socio-political and economic situation in Azerbaijan, their family was forced to move to Iran in 1931. He studied at an English-oriented school, then entered the Faculty of electrical engineering at Tehran University. He graduated from the same university in 1942 and moved to the United States two years later. He graduated from the Massachusetts Institute of Technology in Boston in 1946 and received his doctorate from Columbia University in New York in 1949.

In 1957, Norbert Wiener, chairman of the California Science Center, wrote a letter inviting him to work at the University of California, Berkeley. In 1959, Lotfi A. Zadeh moved to Berkeley with his family. Lotfi A. Zadeh worked at the Faculty of Electrical Engineering at the University of Berkeley. He had headed the faculty since 1963, and later changed the name of the faculty to "Faculty of Electrical Engineering and Computer Science". The Department of Electrical Engineering and Computer Science, University of Berkeley, played a major role in his formation and development as a scientist. Since 1965, his theories have been applied in all leading companies around the world.

Lotfi A. Zadeh was awarded the title of Honorary Doctor of prestigious universities in 25 countries. He was also elected as a member of the US National Academy of Engineering, an honorary foreign academician of the Korean Academy of Sciences and Technology, the Bulgarian Academy of Sciences, the Polish Academy of Sciences, and the Azerbaijan National Academy of Sciences.

He is the sole author of more than 200 scientific articles and a member of the editorial board of more than 70 scientific journals. His research has been supported by several reputable companies and the Ministry of Communications and Information Technologies of the Republic of Azerbaijan.

Years later, Lotfi A. Zadeh's first visit to Baku took place in 1965 after attending an international scientific conference on the problems of automatic control which was held on the ship "Admiral Nakhimov" sailing in the direction of Odessa-Batumi in the Black Sea.

After 43 years, Professor Lotfi A. Zadeh visited Baku for the second time on November 8-10, 2008 to participate in the BakuTel International Telecommunications and Information Technologies Exhibition. During the visit, the world-famous scientist, who visited the grave of the national leader Heydar Aliyev in the Alley of Honors, was received by President Ilham Aliyev. Lotfi A. Zadeh expressed satisfaction with his visit to Baku and meeting with the President.

Scientific conference dedicated to the 45th anniversary of L. Zadeh's scientific articles (North American Fuzzy Information Processing Society, 2011) was held on March 18-20, 2011 in El Paso, Texas, USA. The World Conference on Soft Computing dedicated to the 90th anniversary of L.Zade was held in San Francisco, California on May 23-26, 2011.

Lotfi A. Zadeh, who was awarded the Friendship Order in 2011, sent a letter of thanks to President Ilham Aliyev. The letter reads:

"Dear President Ilham Aliyev! I am deeply pleased with the socio-economic development in Azerbaijan. Your doctrine of turning black gold into human gold is very valuable from the beginning of your leadership and has a positive effect on thousands of citizens and friends living outside Azerbaijan, and your far-sighted plans for the future of Azerbaijan make me happy and confident that young and independent Azerbaijan is a young and famous political leader. is in strong hands by. Friends of Azerbaijan are also aware of the fact that Azerbaijan has a prominent, far-sighted and strong president and creates conditions for peace in this country. The social stability and economic development you have achieved over the past few years has created a strong platform in terms of being the best place to live, study and work in Azerbaijan."

At the initiative of Professor Lotfi A. Zadeh, the World Conference on Soft Computing was established and the conference was dedicated to his scientific heritage. In 2011, the First World Conference on Soft Computing dedicated to the 90th anniversary of Azerbaijani scientist Lotfi Zadeh was held in San Francisco, California, USA. II World Conference on Soft Computing March 3-5, 2012 in Baku, III World Conference on Soft Computing November 16-18, 2013 in San Antonio, Texas, IV World Conference on Soft Computing May 24-26, 2014- The 5th World Soft Computing Conference was held on 16-18 August 2015 in Redmond, Washington, and the VI World Soft Computing Conference was held on 26-28 May 2016 at the University of California, Berkeley. The VII World Conference on Soft Computing was held in Baku, Azerbaijan on May 28-31, 2018. The next VIII World Conference on Soft Computing, dedicated to its 100th anniversary, is scheduled for September 26-29, 2021 in Baku, Azerbaijan.

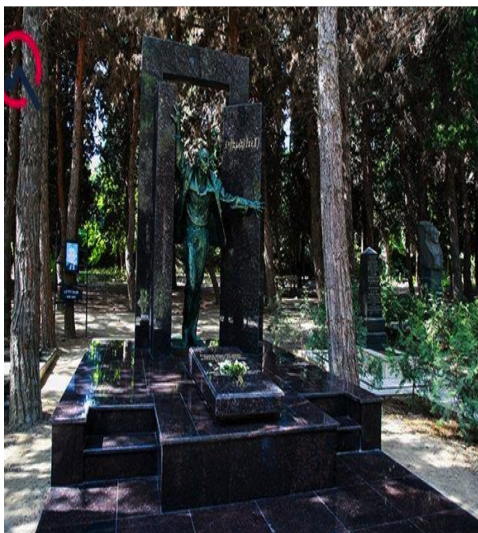
The scientist was awarded the Nizami Ganjavi gold medal on the occasion of the 95th anniversary of his birth of the National Academy of Sciences of the Republic of Azerbaijan. The presentation ceremony was held on September 7, 2016 in Berkeley with the joint organization of

the Faculty of Electrical Engineering and Computer Science and the Consulate General of the Republic of Azerbaijan in Los Angeles.

It is very important to note the orders and medals that were awarded to Professor Lotfi A. Zadeh in 2011: Medal of the Trust Fund of the Soft Computing Development Fund, Order of Friendship by the order of the President of the Republic of Azerbaijan on February 4, 2011 Inspirational vision in fast-growing science and technology ”three transdisciplinary awards and medals.

There are people who are lucky to live for many years. But a page or two is enough to write down what they did during that life. Lotfi A.Zadeh’s life is so rich that you can’t help but be amazed when you speak. Inevitably, in order to fit so many great works into a person’s life, it is necessary to be Lotfi A. Zadeh.

We have all been worried by his health problems in recent years. However, the scientist, who was less than a hundred years old, was not discouraged by his age or loss of health. He was a strong-willed and determined man. He was engaged in scientific work every day, trying to respond to e-mails. But no matter how sad he was, he was preparing himself and us for eternal separation.



He closed his eyes forever on August 6, 2017, and according to his will, his body was brought to Azerbaijan after his death. On September 29, 2017, Azerbaijani scientist Prof. Lotfi Zadeh was buried in the 1st Alley of Honor. Lotfi Zadeh began with such great works in world science that no human life would have been enough to complete them. He created a great school, opened a wide path. He was sure that his followers would do their best to make his dreams come true. With this hope, we received a number of requests. In his last breath, he requested organization of the World Conference on Soft Computing every two years, which will be dedicated to his scientific activity, and the

completion of a number of unfinished scientific projects. The last home of Lotfi A. Zadeh, a real man, a unique scientist, was Azerbaijan. Lotfi Zadeh’s life will continue in the hearts of his fans, in the activities of scientists working with his scientific direction, theories, fields of application and in the future.

Although Lotfi A. Zadeh is not among us, his Fuzzy Logic theory lives on.

Guest Editor Prof. Ali M. Abbasov

Prof. Shahnaz N. Shahbazova