

BAKU WORLD FORUM OF YOUNG SCIENTISTS

May 26-31, 2014

Baku, Azerbaijan

Introduction

In October 1991, Azerbaijan regained its independence. First years of renewed independence were troubled by political upheaval, economic decline and war with Armenia over Nagorno-Karabakh territory which is an internationally recognized part of Azerbaijan by a number of pivotal institutions such as the United Nations and European Union, Organization of Islamic Conference, Organisation for Security and Co-operation in Europe etc.

In 1993, social and political stability was achieved providing conditions for the democratic development, political and economic reforms. This process resulted in better opportunities for young people and more developed state youth policy.

Today, more than 2,900.000 (31,9 % of the total population) of Azerbaijan is youth at the age of 14-29. This fact multiplies the importance of the youth policy conducted in the country which has become one of the top priorities of the government. The main governmental body realizing state youth policy and dealing with the problems and requests of young generation is the Ministry of Youth and Sport of the Republic of Azerbaijan which was established in 1994. Youth policy, currently pursued in the Republic, covers a wide range of tasks: youth education, their training, health, intellectual and moral development, recreational activities, solution of their problems, protection of the rights and their participation in the social, political and cultural life of the country.

One of the most effective instruments of realization of the state youth policy is the conduct of the State Program. On July 7, 2011 the "Azerbaijani Youth in 2011-2015" State Program was adopted by the Decree of the President of the Republic of Azerbaijan. This Program emphasizes the significance of young people playing a decisive role in the development of statehood and shaping the future of their societies as well as creates new opportunities for our youth, one of which is the constant support to the young scientists and researchers, their education and training, their integration into the international community of scientists.

Background

After the success of "New Challenges in the European Area: International Baku Forum of Young Scientists" in May, 2013 which was a joint initiative of the Ministry of Youth and Sport of the Republic of Azerbaijan and Azerbaijan Young Scientists, Postgraduate and Masters Union (AYSPMU) with the organizational support of the European Council of Doctoral Candidates and

Junior Researchers “Eurodoc”, the organizers decided to face a new challenge and organize the event to cover all the world – Baku World Forum of Young Scientists. The positive feedback received from the participants of “New Challenges in the European Area: International Baku Forum of Young Scientists” highlighting the importance of this sort events in their career and finding it essential to have platforms dedicated to sharing, professional cooperation and development strengthened the decision made.

The purpose of Baku World Forum of Young Scientists is to bring together young scientists and researchers interested in the constant search of the proper reply to the new challenges, adequate and professional dialogue as well as new experience and new ideas. Furthermore, it aims to create suitable conditions for the performance of interdisciplinary research in the future and strengthen the existing young scientist networks in the world.

The main topic of the Forum is **“New Challenges in the World Science: Joint Approaches of Young Scientists”**. It was chosen, as emerging challenges require the adequate reaction to them and joint efforts in all spheres of our life. The Forum aims to define critical points of this approach and enrich them with new expertise, experience and ideas.

Within the structure of the Forum, five following sessions will be held simultaneously:

- Technical Sciences: “Technical sciences as the basis of the modern innovation systems”
- Medicine, Biology and Chemistry: “Natural processes on the basis of a new technology creation”
- Ecology, Earth and Agriculture: “Interdisciplinary approach in earth, agrarian and environmental investigations”
- Economy and Sociology: “Economy and sociology as the combination of the successful development of the global society”
- History, Philosophy, Culture: “Problems of the social-humanitarian sciences in modern world”

The sessions were divided by the disciplines. However, all of them exhibit the combination of two or more disciplines to give the scientists with different backgrounds the opportunity to have more fruitful and interesting discussions.

More than 300 foreign participants from about 100 countries are expected to take part in the Forum. All the participants are required to have at least PhD degree in order to avoid random participants, not interested in science.

Baku World Forum of Young Scientists as a unique event is considered to be used not only as an international platform for the young scientists, but also as an instrument to promote the science among the youth, increase their awareness on current academic topics and challenges as well as

attract more young people to the research and investigations in both Azerbaijan and the world. It is expected to be achieved via relevant promotion in media and social media.

Objectives and outcomes

Serving as the platform for the exchange of new ideas, establishing new contacts and cooperation with young scientists from other countries/academic institutions, Baku World Forum of Young Scientists highlights following key elements:

Global format: The science conferences in “regional” or “international” formats are organized on the regular basis all over the world. From this point of view, Baku World Forum of Young Scientists is a unique opportunity to bring together young scientists from every point of the Earth in order to develop common understanding of new work methods and principles, share with the results and achievements, define new goals and objectives. Furthermore, global format of the Forum enlarges the horizon and facilitates the analysis of the current situation regarding the science development in the world, in general, and in every specific region, in particular.

Interdisciplinary approach: New era brought new challenges and new problems to the scientists, which cannot be addressed adequately within one specific discipline. Interdisciplinary approach, including joint efforts of the representatives of different disciplines and fields, to the new demands is the guarantee of new discoveries, new methods and gradual progress as the result.

Sincere participation and engagement: The developed agenda of Baku World Forum of Young Scientists focuses on providing constant interactivity of the speakers and auditorium, sincere dialogue between the potential partners and engagement of all the participants into the discussions regardless their academic status and achievements.

Sharing experiences: The countries around the world are at various stages of science development and investigations as well as at different levels of the academic training of young scientists. In this framework, it is crucial to create international platforms to enable sharing experience and knowledge, success stories and know-hows and increase the regional, interregional and interdisciplinary cooperation.

Cultural exchange: Science and culture are two major cornerstones of the development of any country. Cultural exchange seems important in frames of the global event as it enriches the interpersonal communication of the event participants and contributes to the newly established contacts. It also gives a good chance to a host country to present itself and make new friends.

Participants and speakers

In the framework developed as the result of the constant consultations between the Ministry of Youth and Sport of the Republic of Azerbaijan, Azerbaijan National Academy of

Science, Azerbaijan Young Scientists, Postgraduate and Masters Union and European Council of Doctoral Candidates and Junior Researchers “Eurodoc” the potential participants and key-note speakers were defined as follow:

The Forum seeks to bring together around 500 (300 foreign and 200 local) participants

- PhD or any other relevant degree students;
- Young scientists and inventors;
- Research experts from institutes, universities and think tanks;

The Forum aims to invite following key-speakers

- Nobel laureates and other prominent scientists;
- Officials from leading academies of science and/or associations of universities (schools) of Africa, America, Asia, Australia and Europe;
- Government officials of Ministries/agencies working with the young scientists and researchers as well as conducting their research on the related topics;
- Experts/officials of international organizations involved into the work with young scientists and researchers;
- Nongovernmental experts.

Partners and preparations

Hosted by the Ministry of Youth and Sport of the Republic of Azerbaijan, Baku World Forum of Young Scientists will be convened by the Azerbaijan National Academy of Science together with Azerbaijan Young Scientists, Postgraduate and Masters Union and European Council of Doctoral Candidates and Junior Researchers “Eurodoc”.

Whilst the Ministry of Youth and Sport of the Republic of Azerbaijan will deal with such organizational issues as agenda, venues, design concept and promotion (website, social networks, brochures, etc.) of the Forum, work with volunteers, logistics of the speakers and participants, their accommodation, etc., the Azerbaijan National Academy of Science together with Azerbaijan Young Scientists, Postgraduate and Masters Union is expected to be involved in such issues as the selection of the participants, invitation of the speakers and distribution the information among the local young scientists. “Eurodoc” takes the responsibility to promote the Forum among young scientists of the world through presentations on the international events and establishes contacts with the leading world science organizations.