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ACADEMY OF SCIENCE
REPUBLIC OF TAJIKISTAN
COUNCIL OF YOUNG SCIENTISTS



COUNCIL OF
YOUNG SCIENTISTS

BOOKLET

2nd International Conference on
“The Role of Young Scientists in the development
of sciences, innovations and technologies”
to be held on 11-12 May, 2017 in Dushanbe.

**The event is sponsored by
following Organizations:**

- ECO Science Foundation
- ISTC International Science and Technology Center
- Council of Young Scientists under the Academy of Sciences of Tajikistan

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The Council of Young Scientists (COUNCIL OF YOUNG SCIENTISTS) - scientific and educational association, acting on the basis of the legislation of the Republic of Tajikistan, which brings together young scientists working in the system of the Academy of Sciences of the Republic of Tajikistan; contributes to enhancing their participation in the management of public production, monitors the observance of the rights and interests of young people in science and technology; the development of creativity in science, technology, and economy.

In the year 2014, Council of Young Scientists got a new life. The Council was re-established based on the initiative of the Chairmen of the Scientific Research Institute of the Academy of Sciences of Tajikistan during the Conference of young scientists of the institutes Academy of Sciences of Republic of Tajikistan system. The basic idea is to coordinate the activities of young scientists and specialists with higher and specialized secondary education up to the age of 35. Overall coordination and methodical guidance of the activities of the Council of Young Scientists is carried out by the Presidency of Academy of Sciences of Republic of Tajikistan. One of the main priorities of Council of Young Scientists in the development of the intellectual potential of young scientists is to create favorable conditions for the realization of scientific and creative potential of young people.

The main Academy of Sciences of Republic of Tajikistan of the Council of Young Scientists is to:

- creative activity of intellectual potential of young scientists;
- promote of their professional and cultural growth;
- provide training of highly qualified personnel reserve for science and industry;
- create opportunities for scientific enterprise;
- represent the interests of young scientists in the evaluation commissions;
- protect the rights of young scientists;
- develop creative relationships of young scientists.

The Council of Young Scientists under Academy of Sciences of Republic of Tajikistan on annual basis conducts international scientific conferences for young scientists "The role of young

scientists in the development of science, innovation and technology. Last year, Council of Young scientists held the First International Conference dedicated to the 25th Anniversary of the State Independence of the Republic of Tajikistan supported by FOCUS the Aga Khan Foundation in Tajikistan. The Conference was attended by a large number of people, from young scientists from Research Institutes Academy of Sciences of Republic of Tajikistan, Chairmen of Council of Young Scientists of Tajikistan Universities and other Council of Young Scientists representatives of CIS countries.

This year, within the frame of the Annual Youth Week, Council of Young Scientists is envisaging to organize the Second International Scientific Conference of young scientists "The role of young scientists in the development of science, innovation and technology". The main feature of this Conference is that, it presents all research areas: Humanities, natural sciences and exact sciences- physics, mathematics and IT. This will allow to gather in one place the young scientists, who will present the interests and the results of their research in all scientific fields. First of all, it promotes interdisciplinary research in the future, which is of great importance, because currently, it is at the intersection of different areas of science occur the most significant breakthroughs and discoveries around the world.

This platform will give an opportunity to young scientists from different countries, including international experts to share experiences, presentation of research results of their colleagues from other countries. This initiative will serve as one of the steps of preparation to more serious scientific activity and departures at scientific conferences and symposia, because without presenting their results in scientific activity to the world scientific community and with no real vision of what is happening in the world, it is quite difficult to evolve. The main expected culmination of this event will serve as a platform where various agreement (Memorandum of cooperation) between Council of Young Scientists Academy of Sciences of Republic of Tajikistan and other interested Council of Young Scientists will be signed.

The expected contribution within the frame of the 2nd International Conference on "The Role of Young Scientists in the development of sciences, innovations and technologies" dedicated to 20th Anniversary of Reconciliation Day of the Republic of Tajikistan to be held on 11-12 May, 2017 in Dushanbe as follows:

- The Council of Young Scientists of the Academy of Sciences of the Republic of Tajikistan will present to participants the importance of further development of research, current issues of economic development, economic and environmental problems of industrial development, raw material processing issues and waste production, study and conservation of biological diversity and problems of astrophysics.
- The Council of Young Scientists of the Academy of Sciences of the Republic of Tajikistan will strengthen the cooperation between the members of Board of Young Scientists of CIS countries. On the basis of this, it is envisaged to signing Memoranda of Understanding.
- Talented young scientists working in the field of science and education will be identified and supported at national and regional levels.
- Development of further research in key areas, active participation in the conference of young scientists, post-graduate research institutions, and other institutions with the aim of presenting the results of their own research, familiarization with the directions of scientific work of colleagues from other institutions, improve public speaking skills.

The description of the workshop technical program

