**PROGRAM**

**of the International conference**

**“Perspective use of atomic energy for peaceful purposes in sustainable development of Organization of Islamic Cooperation member states: international and national experience”**

*December 5, 2024, Samarkand Tourist Center*

*(Samarkand, Rowing Channel, Konigil Massif, hybrid format)*

***National organizers:*** *Atomic Energy Agency under the Cabinet of Ministers of the Republic of Uzbekistan, Committee for Industrial, Radiation, and Nuclear Safety under the Cabinet of Ministers of the Republic of Uzbekistan, Ministry of Health, Institute of Nuclear Physics, MEPhI branch in Tashkent.*

***International partners****: IAEA, OIC.*

***International participants of the event****: representatives of the diplomatic corps, international organizations and offices, member countries of the Organization of Islamic Cooperation, and international media representatives.*

***National participants of the event****: government officials, representatives from the Oliy Majlis of the Republic of Uzbekistan, state agencies, academia, private companies, state enterprises, nuclear energy experts and specialists, and media representatives.*

***Speakers****: international and national experts in the nuclear sector, including specialists in ASMM and nuclear technologies from OIC member countries.*

|  |  |
| --- | --- |
| **09:30** | **Registration of participants** |
| **WELCOMING REMARKS** | |
| **10:00-10:40** | *Administration of the President of the Republic of Uzbekistan* |
| *Oliy Majlis of the Republic of Uzbekistan* |
| *Cabinet of Ministers of the Republic of Uzbekistan* |
| *IAEA* |
| *OIC* |
| *Rosatom* |
| *Atomic Energy Agency under the Cabinet of Ministers of the Republic of Uzbekistan* |
| **10:40-11:00** | Coffee break  Group photo |
| **PLENARY SESSION** | |
| **Prospects for the use of nuclear energy in the OIC countries,  including the development of nuclear energy in Uzbekistan.**  *Review of the latest nuclear energy technologies, including small modular reactors, the current status and development plans for nuclear energy, including nuclear power plant construction; presentations of national programs and strategies of OIC member states for nuclear energy development.* | |
| ***Moderator:*** | |
| **11:00 – 12:00** | *Atomic Energy Agency under the Cabinet of Ministers of the Republic of Uzbekistan* |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| ***PANEL SESSIONS*** | |
| **12:00-13:00**  *(time limit  5-10 minutes)* | **1 SESSION. Role of International Organizations, in particular IAEA, in supporting peaceful use of nuclear energy and ensuring nuclear facility safety in compliance with international standards and requirements.**  *Discussion on the main principles, requirements, and recommendations for nuclear safety based on IAEA safety standards; national legislative regulation of the nuclear sector based on international treaties and standards, their implementation and adaptation in Uzbekistan, and ensuring legislative and institutional coordination with international regulatory authorities.* |
|  | **Moderator:** |
| *State Committee for Industrial, Radiation and Nuclear Safety of the Republic of Uzbekistan* |
|  |
|  |
|  |
|  |
|  |
| Questions and answers |
| **13:00-14:00** | **Lunch** |
| **14:00-15:00**  *(time limit  5-10 minutes)* | **SESSION 2: Environmental and social aspects of the peaceful use of nuclear energy in OIC countries for achieving sustainable development** (ESG Standards, UN SDGs).*Discussion on the socio-economic and environmental aspects of nuclear technology implementation in OIC countries, including its impact on the environment and public health; public perception of nuclear energy and public awareness strategies.* |
| **Moderator:** |
|  |
|  |
|  |
|  |
|  |
| Questions and answers |
| **15:00-16:00**  *(5 – 10 minute time limit)* | **SESSION 3: Introduction and development of nuclear technologies for peaceful purposes in OIC countries as a significant impetus to scientific and technological development.** *Discussion on the benefits of nuclear technologies as drivers for economic recovery and the development of non-energy sectors; prospects for cooperation among OIC countries in non-energy nuclear applications, including isotope production, nuclear medicine and cancer centers, data centers, research reactors, and more.* |
| **Moderator:** |
| *Ministry of Health* |
| *Institute of Nuclear Physics* |
|  |
| Questions and answers |
| **16:00-17:00**  *(5 – 10 minute time limit)* | **SESSION 4: Key priorities in education and training, innovation, and technology integration for the peaceful development of nuclear energy.**  *Discussion on the integration of advanced technologies and innovations, scientific and applied research in OIC countries; prospects for cooperation in research and development, and participation in international programs and projects.* |
| **Moderator:** |
|  |
|  |
|  |
| Questions and answers |
| **17:10-17:30** | **Final remarks** |
| **19:00-22:00** | **Reception on behalf of the Government of the Republic of Uzbekistan.** |