

CONCEPT NOTE
International Exhibition and Scientific Conference
“Healthcare, Education and Sport in the Era of the Revival of a New Epoch of a Powerful State”

1. General provisions

The International Exhibition and Scientific Conference “Healthcare, Education and Sport in the Era of the Revival of a New Epoch of a Powerful State” will be held on 10–12 October 2026 in Ashgabat in a hybrid format.

The event is organized by the Ministry of Health and Medical Industry of Turkmenistan, the Ministry of Education of Turkmenistan, the State Committee for Physical Culture and Sports of Turkmenistan and the Academy of Sciences of Turkmenistan.

The International Exhibition and Scientific Conference is intended to be a comprehensive cross-sectoral platform for presenting contemporary achievements and discussing development prospects in healthcare, medical science, education, digital technologies, natural and exact sciences, physical culture and sport.

The event aims to strengthen international scientific and professional cooperation, exchange best practices, expand direct links between national and foreign organizations, and develop proposals for implementing joint scientific, educational and practical projects.

2. Relevance

Modern societal development requires close interaction between healthcare, education, science and sport systems. Improving the quality of medical care, introducing innovative diagnostic and therapeutic methods, training highly qualified personnel, developing digital technologies and fostering a culture of healthy living are interrelated conditions for sustainable socio-economic development.

Particular importance is attached to the digitalization of medicine and education, the use of artificial intelligence and modern information systems, the improvement of clinical protocols, the preparation of specialists for high-tech industries, the development of fundamental and applied research, and the strengthening of cooperation between educational institutions, scientific organizations and the practical sector.

International cooperation plays an important role, enabling knowledge and technology exchange, joint research, academic mobility and professional development of specialists.

The conference will bring together the scientific, educational, medical and sporting potential of participants to discuss current challenges, present innovative solutions and elaborate practical recommendations.

3. Purpose and main objectives

The main purpose of the conference is to create an international scientific and practical platform for exchanging research findings, innovative technologies and best practices in healthcare, education, science and sport.

To achieve this goal, the following objectives will be pursued:

- present contemporary scientific achievements and innovative developments;
- exchange advanced methods of disease prevention, diagnosis and treatment;
- discuss modern clinical protocols and medical technologies;
- develop cooperation between medical science, practical healthcare and the system for training personnel;
- consider prospects for the digitalization of medicine, education, science and the economy;
- disseminate innovative pedagogical technologies;
- improve foreign language teaching;
- promote fundamental and applied research;
- support young scientists, researchers and specialists;
- train highly qualified medical, pedagogical, scientific and engineering-technical personnel;
- improve the athlete training system;
- promote Olympic values and the principles of a healthy lifestyle;
- expand international professional and institutional links;
- prepare final recommendations and proposals for implementing joint projects.

4. Thematic areas

The International Scientific Conference will be organized into 22 thematic sessions grouped under four main directions.

Medical direction

The medical block includes sessions on internal medicine, rehabilitative medicine, cardiology, modern clinical protocols in cardiology and cardiac surgery, oncology, ophthalmology, infectious diseases, maternal and child health, surgical diseases, public health and epidemiology, digital medicine, laboratory and functional diagnostics, pathophysiology of non-communicable diseases, as well as plastic, reconstructive and aesthetic surgery.

Within this direction, discussions will cover new methods of prevention, diagnosis, treatment and rehabilitation, the development of digital health, refinement of clinical protocols, introduction of high-tech medical equipment and strengthening cooperation between research institutions and practical healthcare.

Education, science and digital development

The education and science direction includes sessions on:

- “Innovative Technologies in Education”;
- “The Digital Economy — a Key Condition for Sustainable Development”;
- “Improving Foreign Language Teaching — a Key Task of Educational Policy”;
- “Science and Innovative Technologies. Training Highly Qualified Specialists”.

These sessions will address modern pedagogical technologies, digital educational platforms, artificial intelligence, STEM approaches, green skills, innovative teaching methods and tools, distance and blended learning, international certification, development of language training, academic mobility and professional development of teachers.

Special attention will be given to interaction between education, science and industry, training specialists in line with the needs of the modern economy, supporting young researchers and practical implementation of scientific developments.

Physical culture and sport

The sport direction includes sessions on innovative technologies in sport, preparation of national teams for upcoming Olympic Games, as well as Olympic philosophy and fostering principles of a healthy lifestyle.

Discussion topics will include modern methods of athletic training, medical and scientific support for athletes, use of digital technologies, professional development of coaching staff and promotion of physical culture and healthy living values.

Natural and exact sciences

A separate session will be devoted to natural and exact sciences and innovative technologies. It will present research in physics, chemistry, biology, mathematics, information technologies, engineering and other scientific fields.

5. Format and participants

The conference will be held in a hybrid format, allowing in-person participation and remote access for foreign speakers and experts. This format will broaden the geographic reach of participants and attract representatives of leading foreign universities, research centers, medical institutions, international organizations and sports bodies.

The programme may include:

- an official opening ceremony;

- a tour of the international exhibition;
- a plenary session;
- addresses by honorary guests;
- thematic sectional sessions;
- panel discussions and round tables;
- scientific paper presentations;
- master classes and professional seminars;
- demonstrations of innovative technologies and equipment;
- bilateral meetings between institutions and organizations;
- signing of cooperation agreements;
- summarising and adoption of final recommendations.

The international exhibition may feature modern medical and pharmaceutical technologies, laboratory equipment, digital solutions, educational platforms, scientific developments and innovative sports technologies.

Participants are invited from government bodies, international and regional organizations, medical and educational institutions, academies of sciences, research institutes, universities, sports organizations, international companies, as well as professors, lecturers, physicians, scientists, coaches, doctoral and graduate students and young researchers.

6. Working languages and submission of materials

The working languages of the conference are Turkmen, English and Russian. Presentations are to be delivered in one of the working languages, and abstracts must be prepared in the two remaining languages. The Organizing Committee will provide translation of abstracts submitted by foreign participants into Turkmen.

To participate, applicants must submit a registration form, the conference paper's extended abstract, abstracts in the two other working languages, and a covering letter signed by the head of the author's institution.

The number of authors per paper should not exceed two to three persons. Submitted materials must be original research, relevant to the chosen session and compliant with the Organizing Committee's requirements.

The length of extended abstracts must not exceed 1.5 A4 pages; each abstract must not exceed 0.5 page. Materials should be formatted in Times New Roman, 14-point font, single line spacing and submitted in Microsoft Word format. Registration forms, extended abstracts and abstracts will be accepted until 15 August 2026.

7. Expected outcomes

The expected outcomes of the International Exhibition and Scientific Conference include:

- expanded international cooperation in healthcare, education, science and sport;
- establishment of direct contacts between national and foreign institutions;
- exchange of contemporary scientific and practical achievements;
- introduction of advanced medical, educational, digital and sports technologies;
- development of joint research and educational projects;
- preparation of proposals to improve the quality of medical care and educational services;
- strengthening the system for training highly qualified personnel;
- support for young scientists and researchers;
- formation of new directions for academic and professional exchange;
- publication of the conference proceedings;
- preparation of final recommendations.