



ISPhO 2025 – First Circular

As part of the expanding cooperation between countries in identifying and supporting talented youth, the Organizing Committee of The International Scientific Physics Olympiad (hereinafter referred to as the Olympiad, ISPhO-2025) would like to invite the National Physics Teams to participate in the International Scientific Physics Olympiad from June 29 to July 8, 2025 in Khanty-Mansiysk, Russian Federation.

In 2024, the Olympiad was held in the city of Khanty-Mansiysk (Russia) from July 3 to 11 in a mixed format. 17 national teams from the countries of the Commonwealth of Independent States, Asia and Latin America took part in it. Participants from six foreign countries completed tasks online. There were 99 people who took part in the Olympiad (63 on-site and 36 online).

According to the results of the Olympiad participants were awarded in several categories: “Theory and Modeling” (for both in-person and online participants of the theoretical round) (68 diplomas in total), bronze, silver and gold medals were awarded, as well as certificates of commendation for full-time participation in both rounds, and also there were winners determined in special nominations such as (a total of 43 awards and diplomas were awarded): “Absolute Winner” (in the overall standings and for each of the rounds), “Best Team Score” (4 cups) and “National Diamond” (18 diplomas).

The ISPhO-2025 is organized by the Ministry of Education of the Russian Federation, the Government of Khanty-Mansi Autonomous Area-Yugra, the Moscow Institute of Physics and Technology (hereinafter referred to as MIPT).

ISPhO-2025 format: The ISPhO-2025 consists of theoretical and experimental rounds. In the theoretical part, participants will be asked to solve 3 problems. One of the theoretical problems will include elements of computer modeling and analysis (no programming skills are required). In the experimental part, participants will be asked to perform an experiment. A computer can be used to capture and process data, if necessary. The topics of the problems will be in

accordance with the Asian Physics Olympiad (APhO) topic list (<http://asianphysicsolympiad.org/syllabus.html>).

Scientific Festival of the Physics Olympiad: In May-June 2025, the Scientific Festival of the Physics Olympiad will be held in a remote format (hereinafter referred to as the festival). During the festival, review lectures will be given on a number of scientific fields to show the participants of the Olympiad the wide opportunities for self-realization in various scientific fields. Participants will also be offered to solve problems based on the topics covered on the festival for independent solving (with follow-up review). The information presented in some of the lectures will be necessary to solve the problems of the ISPhO-2025.

Participation in the ISPhO-2025: In-person participation is encouraged as much as possible. On June 27, 2025, participants are expected to arrive to the city of Moscow (Moscow Institute of Physics and Technology), from where the transfer to Khanty-Mansiysk will be organized (to the location of the ISPhO-2025). If it is not possible to participate in person, you must send a corresponding email to ispho@phystech.edu with a request to organize remote participation of the team.

The working language of the ISPhO-2025: The working language of the ISPhO - 2025 is English. The tasks of the ISPhO-2025 are preliminarily discussed and translated into national languages with the involvement of heads of delegations within the period of the ISPhO-2025.

Appeals and awards: Upon completion of the ISPhO-2025 tasks, an appeal procedure based on the results of inspections is provided. Once the final results are recorded, the winners and prize-winners are awarded medals in accordance with individual results, diplomas in the category “Theory and Modeling”, as well as in special nominations: “Absolute Winner”, “Best Result” in the category “Theory and Modeling”, “Best Result” in the category “Experiment”, “Best Team Score” and “National Diamond”.

Physics training camps for IPhO-2025: At the end of the ISPhO-2025, teams are invited to Physics training camp to prepare for the International Physics

Olympiad (IPhO-2025). The camp will be organized at the Moscow Institute of Physics and Technology from July 8 to 15, 2025. Participation in the camp is not obligatory and free for all participants of ISPhO-2025.

Delegation: each participating country may send a delegation consisting of a school students' team of up to 5 participants (competitors) and 2 accompanying persons (heads of delegation). School students, as well as school graduates who have not yet started studying at the university or were enrolled at the university no earlier than June 25, 2025 can participate in the ISPhO-2025. Contestants must not be over twenty years of age as of July 31, 2025. Heads of delegations must be specialists in the field of Physics, capable of solving the problems of the ISPhO-2025, and also have sufficient knowledge of the English language to read texts and communicate. Delegations may be accompanied by observers and guests. Observers may attend all meetings of the ISPhO-2025, including meetings of the heads of delegations, but cannot vote or take part in discussions. Guests are not present at meetings of the heads of delegations.

Registration of individual participants: registration of individual participants is allowed for those countries that face difficulties in participating in the ISPhO-2025 as a team. In this case, confirmation of the individual competitor's participation in the final stage of selection for the national team of the country is required. Individual participants compete under the flag of their country and can take part in the ISPhO-2025 in person. Adult participants can come alone, minors should come with an accompanying person (the total number of accompanying persons should not exceed 2 for each country).

Accommodation and events: the receiving party (organizers) provide accommodation, meals, excursions and various entertainment activities for ISPhO-2025 participants, starting from June 27 and ending on July 8, 2025. ISPhO-2025 participants are accommodated in double rooms. Heads of delegations, observers and guests are accommodated in double rooms. Individual accommodation is possible (subject to availability) for an additional fee.

Transport: transport costs associated with the arrival and departure of delegations to Moscow from/to the ISPhO-2025 are paid by the participants themselves. Movement within the ISPhO-2025 events, reception of delegations* at the Moscow airport and transfer upon arrival and departure are provided by the organizers.

**Please note that the opening ceremony will be held on June 30. To organize a reception and transfer, you must provide the organizers with flight information (date, flight details, arrival time) in the registration form on the website. Departure transfer will be organized on July 7 (Monday)- July 8 (Tuesday).*

Insurance: Each delegation must independently take care of appropriate medical insurance for the period of their stay in the Russian Federation. The ISPhO-2025 organizers do not cover the costs of medical care (when such a need arises).

Olympiad website and contacts: the official website of the ISPhO-2025 is <https://ispho.mipt.ru/>.

For additional information regarding organizational matters, please write to the following email address: ispho@phystech.edu. Official ISPhO-2025 Telegram channel: <https://t.me/ispho25>.

Pre-registration: to participate in the ISPhO-2025, preliminary registration of the delegation on the ISPhO-2025 website (<https://ispho.mipt.ru/>) is required. Pre-registration is already opened and is carried out by the responsible head of the delegation. The final line-up of the team must be confirmed on the ISPhO-2025 website before May 15, 2025.

Registration of individual participants is also available on the website during the pre-registration period for teams.

Visa support: depending on the nationality of the delegation participants, visa support may be required. In the event that members of a country's delegation require a visa, the organizers will contact and provide appropriate support and further instructions.

Epidemiological restrictions: There are currently no additional restrictions related to the epidemiological situation in the world. The organizers will make

efforts to ensure the safe stay of delegations at the event. This information may change. Up-to-date information will be posted on the ISPhO-2025 website <https://ispho.mipt.ru/>.

Preliminary event program:

	Students	Leaders and Observers
June	Science Festival	
June 27th-28th	Arrival at MIPT (Moscow)	
June 29th	Transfer to the Olympiad (Khanty-Mansiysk)	
	Arrival of delegations + Registration	
June 30th	Opening ceremony	
July 1st	Instructions Activities, excursions and experimental exam training*	Board meeting: Discussion and translation of Experimental exam
July 2nd	Experimental exam	Activities and excursions
July 3rd	Activities, excursions and experimental exam training	Board meeting: Discussion and translation of Theoretical exam
July 4th	Theoretical exam	Activities and excursions
July 5th	Activities, excursions and experimental exam training	Marking
July 6th	Activities, excursions and experimental exam training	Moderation
July 7th	Closing ceremony	Closing ceremony/Board meeting + Medals distribution
July 8th	Departure to IPhO training camp/Departure	
July 8th-July 15th	IPhO training camp at MIPT	
July 15th	Departure	

*experimental exam training consists of training in the use of standard and advanced equipment for performing experimental tasks at international physics Olympiads

Participation fee: participants – free, heads of delegations – free. There is an additional fee for observers and guests to participate (information will be posted later).