



**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION  
FEDERAL STATE BUDGETARY EDUCATIONAL INSTITUTION OF HIGHER EDUCATION  
"URAL STATE UNIVERSITY OF ECONOMICS"  
(USUE)**

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«APPROVE»  
Rector of USUE

\_\_\_\_\_ Y.P. Silin

« » \_\_\_\_\_ 202 г.

**REGULATION**

about the All-Russian student competition “Tournament of Natural Sciences”

Yekaterinburg  
2025



## **1. General regulations**

1.1. This Regulation (hereinafter referred to as the Regulation) regulates the procedure for organizing and holding the All-Russian Student Competition "Tournament of Natural Sciences" (hereinafter referred to as the Tournament).

1.2. The tournament is held within the framework of the Congress of Service Technologies of the Eurasian Economic Youth Forum (hereinafter EEYF). The Internet address of the EEYF website [www.eurasia-forum.ru](http://www.eurasia-forum.ru)

1.3. Tournament Organizer: Ural State University of Economics (USUE) represented by the Department of Physics and Chemistry.

1.4. Partners:

– Institute of Chemistry and Phytotechnology National Academy of Sciences of the Kyrgyz Republic, Bishkek

– Ural State Forestry University

– Ural State Agrarian University

– Ural State Mining University

1.5. The purpose of the Tournament is to improve the quality of training specialists, increase students' interest in applied sciences and technologies, identify and develop students' interest in natural science disciplines, promote natural science knowledge, identify gifted youth.

## **2. Thematic areas of the Tournament**

The tournament is held within the framework of 3 interrelated natural science disciplines: physics, chemistry, biology (fundamental principles and modern applied areas). The scientific direction of the tournament is related to the solution of applied scientific problems in the field of physics, chemistry and biology.

## **3. Conditions of participation in the Tournament**

3.1. Students of educational institutions of higher education in Russia aged 18 to 25 years (hereinafter referred to as Participants) are invited to participate in the Tournament.

3.2 Participation in the Tournament is a team one, in a full-time-remote format. The team size is 5 people.

3.3. Each organization has the right to submit only one team to the Tournament.

3.4. There is no registration fee for participation in the Tournament. Expenses for accommodation of non-resident participants, food and transportation costs for participation in the full-time stage of the competition are paid by the participants themselves or by sending organizations.



#### **4. Stages and timing of the Tournament**

4.1. The tournament is an annual event and is held during the summer semester during the final events of the EEYF. The final dates for the Tournament, as well as its main stages, are established by order of the rector of the Ural State University of Economics.

4.2. The tournament is held in three stages.

4.2.1. The first stage is the acceptance and registration of applications from participating teams; as well as a team essay prepared as part of the annual assignment published on the Tournament page of the EEYF website. Checking applications for compliance with the requirements for participants.

The first stage is carried out by the Organizing Committee of the Competition within the time limits established by the Directorate of the Eurasian Economic Youth Forum.

4.2.2. The second stage is (qualifying) evaluation of the essays of the participating teams registered and admitted to the Competition based on the results of the first stage; determination of the finalists of the Competition.

The essay is assessed by the Tournament expert commission. Lists of the best 5 participating teams invited to participate in the Tournament are formed. The lists of finalists are published on the Tournament page of the EEYF website. If a team cannot participate in the tournament for any reason, the team that took 6th place in the preliminary selection is invited to take its place.

4.2.3. The third stage is the (final) holding of the final events of the Tournament in an internal-remote format; determination of the winners and prize-winners of the Tournament.

The third stage is held in the form of competitions between participating teams to solve applied and theoretical scientific problems and defend them during polemics during the Scientific Battle.

#### **5. Requirements for registering for the Tournament and completing a team essay**

5.1. Applications for participation in the Tournament are submitted electronically through a special registration form on the EEYF website [www.eurasia-forum.ru](http://www.eurasia-forum.ru).

5.2. Applications are accepted within the deadlines established by the EEYF organizing committee and posted on the Tournament page of the EEYF website.

5.3. To participate in the Tournament the following package of documents must be submitted:

1) an application from each team member to participate in the Tournament (Appendix 1) - submitted by filling out the participant's registration form on the EEYF website. The team captain is registered as “captain” and in the registration form in the “topic of work” section indicates the team name/team motto. The rest of the team members register as a “team member”, indicating the same team name/team motto in the “topic of work”.

2) a team essay on the topic: “Scientific discoveries that will change the world: comments on news from the field of science and technology.” The topic of the news must be within the framework of the main thematic areas of the Tournament. The essay is attached as a separate file to the team captain's registration form.

5.4. Team essay requirement.



An essay is a pre-completed task in the form of a presentation containing an analysis of news about a scientific achievement, the reality of its implementation and practical application. The first task at the Tournament will be the team's defense of an essay.

## **6. Procedure for the Tournament and criteria for evaluating teams**

6.1. At the tournament, participating teams are offered no more than 5 tasks involving the application of knowledge in the field of physics, chemistry, and biology. Each team chooses the order of its performance by drawing lots.

6.2. An expert commission of the Tournament is created to evaluate the performances of the participating teams. All decisions of the expert commission are recorded and signed by the chairman, secretary and members of the expert commission (Appendix 2).

6.3. The expert commission evaluates the team's work in completing tasks according to the following criteria:

- the ability to explain processes or phenomena based on natural science knowledge;
- apply a non-standard approach to completing tasks;
- answer questions from experts and opponents in an accessible and clear manner;
- conduct a scientific discussion with representatives of the participating teams.

## **7. Tournament Management**

7.1. The Tournament is managed by the EEYF Directorate and the Tournament Organizing Committee.

7.2. To organize and conduct the Tournament, an organizing committee is formed, approved by order of the rector of USUE. The organizing committee includes:

- chairman of the EEYF;
- co-chairman of the EEYF;
- scientific director of the Tournament;
- Tournament coordinators – teachers of the Department of Physics and Chemistry of USUE;
- chairman and members of the Tournament expert commission;
- developers of competition tasks;
- representatives of organizations - partners of the Tournament,
- secretary of the Tournament.

The scientific director, coordinator(s) and members of the expert commission are published annually on the Tournament page of the EEYF website.

7.2.1. Chairman of the organizing committee:

- approves the Regulations on the Tournament, signs the order on holding the Tournament and the composition of the Organizing Committee of the Tournament, the order on the composition of the Expert Commission of the Tournament;
- carries out general management of the organization and conduct of Tournament events.



7.2.2. Co-chairman of the organizing committee:

– carries out direct management of the organization and conduct of the EEYF, within the framework of which the Tournament is held, together with the scientific director of the Tournament, forming the composition of the expert commission of the Tournament.

7.2.3. To conduct an expert assessment of the completion of the preliminary task by the participating teams (team essay) and evaluate the work of the teams during the Tournament, an expert commission of the Tournament is created.

The chairman of the tournament expert commission is the director of the EEYF Service Technologies Congress. The Tournament expert commission includes highly qualified teachers, leading scientists and specialists from the EEYF organizers, as well as invited experts. The composition of the expert commission is from 5 to 7 people, including more than half of them are representatives of third-party organizations.

7.2.4. Scientific director of the Tournament:

– prepares a draft Regulation on the Tournament and submits it for approval to the rector, prepares changes and additions to it;

– is a co-chairman of the Tournament expert commission;

– selects the composition of the Tournament expert commission;

– approves competition tasks for the preliminary assessment of teams and the holding of the Tournament itself.

7.2.5. Tournament Coordinator:

– ensures the invitation of members of the Tournament expert commission;

– sends out information letters to universities of the Russian Federation no later than three months before the Tournament;

– organizes registration and verification of received applications according to established requirements for participants;

– sends out information letters about the participation of participating teams in the finals of the Tournament;

– organizes and monitors the progress of the Tournament;

– organizes the work of the expert commission during the second and third stages of the Tournament;

– organizes the issuance of diplomas and awarding of the winners and prize-winners of the Tournament;

– compiles a report on the Tournament.

The scientific director of the Tournament, the Tournament coordinator, as well as members of the tournament expert commission are published annually on the Tournament page of the EEYF website.



### **8. Winner's reward ceremony**

8.1. Based on the results of the full-time part of the Tournament, the winning team and prize-winning teams of the Tournament are determined, all members of these teams are awarded Diplomas of I, II, III degrees for 1st, 2nd and 3rd place, respectively.

Participating teams that took 4th and 5th places are awarded Certificates for 4th and 5th places, respectively. All participants of the second stage receive certificates of Tournament participants.

8.2. The participants of the winning team and the prize-winning teams of the Tournament are awarded with cash prizes within the prize fund of the Tournament, established on the basis of the order of the rector of USUE and in accordance with the protocol of the expert commission of the Tournament.

The cash prize is divided equally among all team members.

The cash prizes (including income tax) are transferred by the Tournament organizer within 1.5 months to the personal accounts of the winners and prize-winners according to the details provided to the Tournament coordinator, as well as upon timely provision of copies of other requested documents.

### **9. Coordinates of the Tournament Organizing Committee**

Organizer of the Tournament: Federal State Budgetary Educational Institution of Higher Education "Ural State University of Economics" (Ural State University of Economics)

Address: 620144, Yekaterinburg, st. March 8/Narodnaya Volya, 62/45

Tel.: (343) 283-13-28; fax: (343)-283-13-25

Official website of the organizer: [www.usue.ru](http://www.usue.ru)

Official website of the Tournament and the Eurasian Economic Youth Forum (EEYF): [www.eurasia-forum.ru](http://www.eurasia-forum.ru)

USUE department responsible for holding the Tournament: Department of Physics and Chemistry.

Contact details of the Tournament coordinator are indicated on the Tournament page of the EEMF website.



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Appendix 1

**PARTICIPANT APPLICATION**  
**All-Russian student competition “Tournament of Natural Sciences”**

Please accept my application to participate in the All-Russian student competition “Tournament of Natural Sciences”. I provide the following information about myself:

<b><i>Participant</i></b>	Surname	
	Name	
	Date of Birth	
	Place of study (university)	
	Group, course	
	Specialty, area of training	
	Address (with postal code)	
	contact number	
e-mail		
	Team name/team motto	
<b><i>Scientific director</i></b>	Surname	
	Name	
	Academic degree, title	
	University (organization)	
	contact number	
e-mail		

\*The application is submitted by filling out the participant registration form on the specialized website of the EEYF.

1) The team captain is registered as “captain” and in the registration form in the “topic of work” section indicates the team name/team motto. The rest of the team members are registered as team members, indicating in the “topic of work” the team name/team motto.

2) The essay is attached as a separate file to the team captain’s registration form. Other participants can attach an empty file.



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Appendix 2

**MINUTES OF THE MEETING OF THE EXPERT COMMISSION**

on determining the winners and prize-winners of the All-Russian student competition “Tournament of Natural Sciences”,

\_\_\_\_\_ Yekaterinburg

№ \_\_\_\_\_

**Composition of the expert commission:**

Chairman of the expert commission:

FULL NAME. - \_\_\_\_\_ job title

Co-chairman of the expert commission:

FULL NAME. - \_\_\_\_\_ job title

Members of the expert commission:

FULL NAME. - \_\_\_\_\_ job title

**Agenda for the meeting of the expert commission:**

Determination of the winners and prize-winners of the All-Russian student competition “Tournament of Natural Sciences”.

Based on the results of the first stage of the All-Russian student competition “Tournament of Natural Sciences,” \_\_\_\_\_ participating teams were allowed to participate in the finals.

**Having assessed the submitted scientific projects, the commission decided:**

1. Establish the following ratings for the participants’ projects on a 100-point scale:

Table 1 – Average ratings of participants

№	Name of the participating team/team motto	Name of university, organization	Number of points scored

2. In accordance with the points scored, assign the following award documents to each competitor of the final (final) stage of the Tournament direction

Table 2 – Award documents of the competitors

№	Name of the participating team/team motto	FULL NAME. team members	Name of university, organization	Type of award document, amount of cash prize for each team member





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3. Be recognized as the winner of the All-Russian student competition “Tournament of Natural Sciences”

\_\_\_\_\_

(Team name, organization)

Be recognized as a winner (II place) of the All-Russian student competition “Tournament of Natural Sciences”

\_\_\_\_\_

(Team name, organization)

Be recognized as a winner (III place) of the All-Russian student competition “Tournament of Natural Sciences”

\_\_\_\_\_

(Team name, organization)

Chairman of the expert commission

\_\_\_\_\_ / FULL NAME.  
Signature

Member of the expert commission

\_\_\_\_\_ / FULL NAME.  
Signature

Member of the expert commission

\_\_\_\_\_ / FULL NAME..  
Signature

Secretary

\_\_\_\_\_ / FULL NAME.  
Signature