MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION
Federal State Budgetary Educational Institution
of Higher Education
"Ural State University of Economics"
(USUE)

"APPROVED"
Rector of USUE

_____ Y.P. Silin
_____ 2025

REGULATIONS

for CTF (Capture The Flag) practice-oriented information security competitions

Yekaterinburg
2025

1. General regulations

1.1 This Regulation (hereinafter referred to as the "Regulation") establishes the procedure for organizing and holding Capture The Flag (CTF) practice-oriented information security competitions (hereinafter referred to as "CTF competitions").

1.2 CTF competitions will be held within the Digital Eurasia Congress (DEC) of the Eurasia Economic Youth Forum (EEYF). The internet address of the EEYF website is www.eurasia-forum.ru.

1.3 Organizer of the CTF competitions: Ural State University of Economics (USUE).

1.4 Co-organizers: universities that are the organizers of EEYF sites abroad and in other regions, who have chosen to host these CTF events on their platforms. A list of such regional venues can be found on the CTF page of the DEC on the EEFY website, as well as directly on the individual regional venues' pages on the EEYF platform.

1.4 The purpose of CTF events is to enhance the quality of education in the field of information security and to promote cybersecurity awareness among the general public and students.

1.5 The objectives of the CTF events are:
✓ Identification of talented young individuals from the student population and identification of their potential for further development in information security;
✓ Stimulation of interest in the use, development, and application of contemporary information security technologies;
✓ Formation of fundamental knowledge and development of practical skills in information security.

2. Conditions of participation in the Competition

2.1. Teams consisting of up to four participants, all of whom are university students in IT-related fields of study and who are 18 years of age or older (hereinafter referred to as "Participants"), are eligible to participate in CTF events.

2.2. Each team is permitted to compete in CTF only in one role: either the Red Team (an offensive security team that seeks to identify weaknesses at any level of security) or the Blue Team (a monitoring and investigative team that aims to detect and prevent threats).

2.3. In order to participate, Participants must complete the registration form available on the CTF event website.

2.4. No registration fee will be charged. The costs associated with accommodation for out-of-town Participants, meals, and transportation for the in-person component of the event will be borne independently by Participants or their organizations.

3. Stages and dates of CTF competitions

3.1 The CTF competition is an annual event held during the summer term. The exact dates for the competition, as well as the main stages, will be determined by the Rector of Ural State University of Economics and published on the CTF competition page of the EEYF website.

3.2 The competition will consist of three stages:

3.2.1 The first stage will involve the registration of teams and participants. This stage will be organized by the organizing committee for CTF within the timeframe specified by the Directorate of the Eurasian Economic Youth Forum.

3.2.2 The second stage of the CTF competitions is the preliminary or qualifying stage, which takes place remotely within the timeframe set by the Directorate of the Eurasian Economic Youth Forum (EEYF). The works submitted during this stage are evaluated by an expert panel of the CTF organizers or regional sites that support the CTF events. Based on the results of this evaluation, a list of teams

qualifying for the CTF final is compiled. These lists are published on the official CTF page of the EEYF website, and information letters are sent to all participating teams regarding their qualification for the final stage.

Participants from teams that have successfully completed the preliminary stage, including up to four teams selected from each regional CTF site, are invited to attend the CTF event in Yekaterinburg and participate in the EEYF final.

3.2.3 The third stage of the CTF competition is the final, which determines the winners and prize-winners. This stage takes place between the finalists in a face-to-face format at a venue designated by the Directorate of the Eurasian Economic Youth Forum.

4. Requirements for registration of participants

Applications for participation in the CTF competitions shall be submitted through the registration system on the website.

For participants in the CTF events, representatives of the regional venues shall register their applications from the page of the relevant regional website of the EEYF, having previously selected the name of the venue.

4.2 Each team member shall submit an application for participation via the registration system of the website, selecting the category "team participation", followed by "team captain" or "team member". In the "Topic of work" field, each individual shall indicate the name of their respective team. The team captain shall attach a file to the registration form containing a list of all team members.

5. The procedure for conducting CTF competitions

5.1 At the initial stage of the CTF events, the organizing committee shall register the teams of participants in order to admit them to the qualifying round of the CTF contests.

5.2 During the second (qualifying) phase, members of an expert panel shall remotely assess the tasks submitted by the teams and select 10 finalist teams for the CTF event.

5.3 The lists of the finalist teams shall be published on the CTF contest page. Notification letters regarding qualification for the finals shall be sent to the captains of the selected teams.

5.4 If the scores of the participating teams in the CTF are tied, the winners and medalists shall be determined by a decision of the CTF expert panel.

6. Managing CTF competitions

6.1 CTF competitions are managed by the Directorate of the EEYF and the organizing committee for CTF competitions.

6.2 For the organization and management of the competition, a Organizing Committee shall be formed, as approved by order of the Rector. The Organizing Committee shall consist of:
- Chairperson;
- Members of the Organizing Committee:
  - Scientific director of CTF competitions
  - Coordinator of CTF competitions
  - Chairperson and members of CTF Competition Expert Committee
  - Representatives from partner organizations of CTF
  - Secretary of CTF Competitions

6.3 The Organizing Committee will be responsible for the overall management of the organization of CTF events.

6.3.1 The Chairperson of the Organizing Committee may:
- Approve the Regulations for CTF, sign orders for holding CTF events and the composition of the Organizing Committee of CTF, and orders for the composition of CTF Expert Commission.

- Provides general management of the organization and execution of EEYF events, in which CTF competitions take place.

6.3.2 In order to carry out an expert evaluation of competitive works, the Chairman establishes an expert panel for CTF contests.

The panel consists of 5 members. Decisions of the panel are recorded and signed by the Chairman, Secretary, and members of the panel (Appendices 3 and 4).

6.3.3 Coordinator of CTF Contests:

- Invites members of the CTF contest expert panel.

- Sends information letters to educational, research, and scientific organizations in the Russian Federation and other countries.

- Arranges for registration of participating teams in CTF competitions.

- Organizes the final round and the work of the expert committee at the CTF event.

- Organizes the process of registering diplomas, certificates, and awarding winners and prize winners of CTF competitions;

- Compiles a report on the CTF competitions.

7. Awarding of the winners

7.1. According to the results of the presentation stage (final), the winners of CTF competitions are determined, they are awarded Diplomas of I, II, III degrees and orders for 1st, 2nd, and 3rd place, respectively.

7.2. Participants of the face-to-face stage receive certificates of finalists of CTF competitions.

7.3. The winners of CTF competitions are awarded with cash prizes within the prize fund established on the basis of the order of the Rector of USUE and in accordance with the protocols of the expert commissions of CTF competitions.

7.4. Cash prizes (including income tax) are transferred by the founder of CTF competitions within 1.5 months to the personal accounts of the winners and prize-winners according to the details provided to the coordinator of CTF competitions, with timely provision of copies of the necessary documents. Cash prizes for places are divided equally among the team members. Cash prizes for foreign participants are given at the USUE cash desk on the day of the award.

8. Coordinates of the organizing committee of CTF competitions

8.1 The organizer of CTF competitions is Ural State University of Economics (hereinafter referred to as "the University").

8.2 The address of the University is: 62, 8 Marta Street / Narodnaya Volya Street, Yekaterinburg, 620144, Russia.

8.3 Telephone number: +7 (343) 257-91-40

Fax number: +7 (343) 257-71-47

8.4 The official website of the University is www.usue.ru

8.5 The official website for CTF competitions and the Eurasian Economic Youth Forum is www.eurasia-forum.ru.

Contact details for the CTF coordinators can be found on the CTF page of the EEYF website.

Appendix 1

PARTICIPANT APPLICATION
for CTF (Capture The Flag) practice-oriented information security competitions*

I ask you to accept my work for participation in CTF (Capture The Flag) practice-oriented information security competitions. I provide the following information about myself:

Participant/ Team captain/ A member of the team	Surname	
	Name	
	Surname	
	Date of Birth	
	Place of work/study	
	Position/group, course	
	Faculty	
	Department	
	Specialty, specialization	
	Address (country, city)	
	Contact number	
	E-mail	
	Work theme	
Scientific director	Surname	
	Name	
	Surname	
	Academic degree, title	
	University (organization)	
	Contact number	
	E-mail	

* The application is submitted in the form of filling out the participant's registration form on the official website of the EEYF. The registration form is filled out by each team member.

Appendix 2

MINUTES OF THE MEETING OF THE EXPERT COMMISSION

USUE site

on determining the finalists of CTF (Capture The Flag) practice-oriented information security competitions

Yekaterinburg

No_____

Composition of the expert commission:
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 finalists of CTF (Capture The Flag) practice-oriented information security competitions.

Having assessed the submitted scientific works, the commission decided:
1. Establish the following assessments of the participants' work on a 100-point scale:
Table 1 – Average ratings of participants

No.	Full Name	Name of university, organization	Number of points scored

2. In accordance with the points scored, bring the following participants to the finals of CTF (Capture The Flag) practice-oriented information security competitions.
Table 2 – Finalists of the Competition from the USUE site

No.	Full Name	Name of university, organization	Number of points scored

Chairman of the expert commission

_____ / Full name
Signature

Member of the expert commission

_____ / Full name
Signature

Appendix 2

MINUTES OF THE MEETING OF THE EXPERT COMMISSION

on determining the winners and prize-winners of CTF (Capture The Flag) practice-oriented information security competitions

№ _____

_____
(city) _____

Composition of the expert commission:
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 winners and prize-winners of CTF (Capture The Flag) practice-oriented information security competitions.

Having assessed the submitted scientific works, the commission decided:
1. To set the following ratings for the participant's projects on a 100-point scale:
Table 1 – Average ratings of participants

No.	Full Name	Name of university, organization	Number of points scored

2. To recognize the winner of the CTF (Capture The Flag) practice-oriented information security competition.
Table 2 – Award documents of the participants

No.	Full Name (Full name of each team member)	Name of university, organization	The type of award certificate, the amount of cash prize awarded, and the breakdown of the prize by each team member.

3. To recognize the winner of the CTF (Capture The Flag) practice-oriented information security competition.

_____
(full name/team of authors)

_____
(name of the work)

To recognize the winner (II place) of the CTF (Capture The Flag) practice-oriented information security competition.

_____
(full name/team of authors)

_____
(name of the work)

To recognize the winner (III place) of the CTF (Capture The Flag) practice-oriented information security competition.

_____
(full name/team of authors)

_____
(name of the work)

Chairman of the expert commission _____ / Full name
                                            Signature

Member of the expert commission _____ / Full name
                                            Signature

The draft Regulation has been submitted by the Acting Head of the Department of Information Technology and Statistics of USUE

_____ / D.M. Nazarov

Agreed:
Vice-Rector for Social Work
and Youth Policy, Co-Chairman of the EEYF

_____ / R.V. Krasnov

Vice-Rector for Scientific Work

_____ / V.E. Kovalev

Director of the Digital Eurasia Congress,
Director of Institute of Digital Technologies for
Management and Information Security

_____ / A.Y. Kokovikhin

Head of the Law Department

_____ / M.I. Brill

Head of the Management of Scientometrics, Research
and Ratings

_____ / V.A. Blaginin