



Approve
Head of the
Education Department of the
Karaganda region

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REGULATIONS
on the X International Festival of Robotics,
Programming and Innovative Technologies “ROBOLAND-2025”

Karaganda
2024

1. General Provisions

- 1.1 The International Festival of Robotics, Programming and Innovative Technologies “ROBOLAND-2025” (hereinafter referred to as the Festival) is organised to promote the development of creative activity of students, develop their engineering skills, popularise and development of educational robotics and programming, exchange best practices, and identify the strongest teams.
- 1.2 These Regulations determine the procedure and conditions for holding the Festival and competitions within its framework.
- 1.3 Official website of the festival www.roboland.kz.

2. Main objectives of the festival

- 2.1 Identification and support of talented children in the field of designing and programming robots, engineering sciences, programming, and other innovative educational technologies.
- 2.2 Popularisation of scientific and technical creativity and increasing the prestige of engineering professions among youth.
- 2.3 Development of young people’s skills in practical solving of current engineering and technical tasks and working with equipment.
- 2.4 Stimulating the interest of children and youth in the field of innovation and high technology.
- 2.5 Identification, selection and support of talented youth.
- 2.6 Encouraging youth entrepreneurship in the field of innovation and high technology.
- 2.7 Promoting the development of scientific, technical and engineering areas in the educational environment.
- 2.8 Providing exhibition and competition areas creating a favorable environment for the exchange of experience among schoolchildren, students, teachers, heads of educational organizations on educational innovative technologies.
- 2.9 Promoting the professional development of teachers in the field of teaching robotics, engineering, programming through the organisation of training seminars during the festival.
- 2.10 Increasing the number of professional teams on educational innovative technologies.

3. General provisions

- 3.1 The organiser of the festival is the Education Department of the Karaganda region with the support of the Ministry of Education of the Republic of Kazakhstan.
- 3.2 All general issues related to the preparation and holding of the festival shall be decided by the Organising Committee, the composition of authorised persons shall be approved by the Education Department of the Karaganda region. The direct organisation of all events of the Festival shall be carried out by the Directorate of the Festival, financed from extra-budgetary funds, and the Winner of the public procurement competition for the holding of the Festival.
- 3.3 The festival shall be an open event in which representatives from any region of Kazakhstan, as well as foreign participants, can take part.
- 3.4 The festival programme shall include the following events:
 - Exhibition of innovative educational technologies from schools, colleges, higher educational institutions, private companies and other organisations;
 - Presentation of equipment and technologies at special sites;
 - Thematic seminars, lectures, master classes for teachers, heads of educational organisations, methodologists of district and city education departments, schoolchildren, students, parents of students;
 - Competitions in robotics, programming and innovative technologies based on various kits and platforms, including qualifying and final competitions;
 - Cultural and entertainment program for participants in the final competitions;
 - Events within the framework of the “Karaganda Meetings” and “RoboLand” projects, organised throughout the calendar year.

4. Competitions in the festival program

- 4.1 The festival competition consists of two stages:
 - Qualifying competitions and Qualifying selection;
 - Final competitions of the festival.
- 4.2 The rules of the final competitions shall be regulated by the Regulations for individual categories and these Regulations.
- 4.3 The rules of qualifying competitions for categories included in the final competitions of the festival shall comply with the Requirements and Regulations of the festival.
- 4.4 A team shall consist of a group of schoolchildren, students, young workers, led by a team leader, conducting robotics classes. The team shall include:
 - A coach, also known as a team leader, shall be a member of a team over 18 years old who shall administer the team, represent its interests at the festival, and also control and be responsible for the proper behaviour of all team members. The team coach shall not be directly involved in the competition.
 - The team captain shall coordinate team members to achieve maximum results in the Festival competitions, represent the team in front of the judges, as well as in front of other teams. The number of team members shall be indicated in *Annex No. 1* to these Regulations.
- 4.5 One coach can lead several teams.
- 4.6 There can be several teams from one organisation, but not more than one in each category.
- 4.7 Each participant in the final competition can take part in competitions of only one category.
- 4.8 The organisers of qualifying competitions may allow participants to compete in several categories.
- 4.9 The number and list of categories for final competitions may be revised annually.
- 4.10 The number and list of categories of qualifying competitions shall be determined by their organisers independently in accordance with *Annex No. 1*.
- 4.11 Festival events shall be held throughout the year.
- 4.12 Final competitions shall be held during spring break.

5. Organization of qualifying competitions “RoboLand-2025”

- 5.1 Teams of educational organisations, educational centres, clubs, public organisations, as well as self-organised teams that do not represent any organisations shall be allowed to participate in qualifying competitions.
- 5.2 Qualifying competitions can be district, city, county and regional. Before this, preliminary competitions may be held in educational organisations.
- 5.3, The winners of Qualifying competitions outside the Karaganda region can be only from regional and regional competitions and can participate in the finals in accordance with the allocated quotas.
- 5.4. In the Karaganda region, qualifying competitions shall be held in cities and districts by the relevant education departments. The winners of these competitions participate in the finals without Qualifying selection within the quotas allocated by the organizers of the Festival.
- 5.5. In districts, cities, counties of other regions of Kazakhstan, as well as in foreign countries, the organisers of qualifying competitions can be not only state, but also public or private organisations.
- 5.6. To obtain the right to hold qualifying competitions, their organisers shall send an application for holding qualifying competitions (*Annex No. 3*) to the organisers of the Festival at roboland.kz@gmail.com indicating the list of competition categories, as well as the dates. The organisers of the Festival shall review the application within a week and confirm or reject it.
- 5.7. Organisers of qualifying competitions who have received confirmation shall have the right to:
 - Use the RoboLand logo and brand name for a year;
 - Send the winners of their competitions to the final competitions of the Festival in accordance with the allocated quotas;
 - Receive Festival promotional products in quantities approved by the festival organisers;

- Post information about their competitions, the best students and teachers on the roboLand.kz website and on the Festival's social networks;
 - Use information support of the festival;
- 5.8. Organisers of qualifying competitions who have received confirmation shall:
- Conduct qualifying competitions within the time limits specified in the application;
 - Provide the Festival organisers with a final report on the competition (*Annex No. 4*), including indicating the categories selected to participate in the final competition. The report shall be provided no later than five days after the end of the competition;
 - Place logos determined by the Festival organisers at the competition venue.
- 5.9. The procedure for holding qualifying competitions, registration and admission to them shall be determined by their organisers independently in accordance with these Regulations and the Festival Requirements. The list of categories for qualifying competitions is provided in *Annex No. 1*.
- 5.10. When holding qualifying competitions, it is necessary to provide for the division of categories according to the level of preparedness of the teams; competitions shall be held with the participation of beginner-level participants.
- 5.11. All expenses for organising qualifying competitions shall be borne by the organisers themselves. The Festival sponsors shall have the right to provide financial support to the organisers of the qualifying competitions.
- 5.12. The panel of judges for qualifying competitions shall be determined by the decision of their organisers.
- 5.13. For the organisers of qualifying competitions the Organising Committee shall establish special qualification requirements. If these requirements are not met, quotas for participation in the finals from the relevant district/city shall be cancelled. In this case, the winners in the categories do not receive the right to participate in the final competitions.
- 5.14. Qualifying competitions for the RoboLand Kazakhstan, Robot Mouse and Fischertechnik categories are not provided.
- 5.15. The deadline for submitting applications for qualifying competitions is up to and including October 10, 2024.
- 5.16. The deadline for qualifying competitions is up to and including January 15, 2025, consideration by the organising committee of the results of the qualifying competitions is up to and including February 10, 2025, sending confirmation of admission to the finals is up to and including February 14, 2025, the deadline for submitting an application for participation of the winners of the qualifying competitions in the final competitions is up to and including February 20, 2025.

6. Organization of qualification selection for the final competition "RoboLand -2025"

- 6.1 Applications for participation in the qualification selection in the categories of RoboLandKazakhstan and Fischertechnik are submitted by all interested teams.

The participants of the final competitions in the RobotMouse category are determined by the partner of the Festival - the International Federation of Preschool Robotics, following the results of the open Republican tournament "RobotMouse". Qualifying competitions and qualification selection for this category are not held. Teams in this category must apply to participate in the final competitions by February 20, 2025.

If any category is not included in the program of the qualifying competitions, all interested teams of this region, as well as the city or district of the Karaganda region have the right to apply for qualification selection in this category. Applications for qualification selection from teams of regions (regions), as well as cities or districts of the Karaganda region in all categories that are included in the program of qualifying competitions are not considered.

- 6.2. To participate in the qualifying selection, teams shall submit an application using the form from *Annex No. 5* to these Regulations.
- 6.3. The deadline for submitting documents for qualification is up to and including February 1, 2025.

- 6.4. Review of submitted documents for qualification selection – up to and including February 10, 2025. Qualified teams shall apply for the final competition up to and including February 20, 2025.

7. Organization of the final competition “RoboLand-2025”

- 7.1. The final competition “RoboLand 2025” will be held on **March 28-29, 2025 in Karaganda, Kazakhstan**. The arrival day of participants is March 27, 2024. Brief program of the Festival is provided in *Annex No. 2*.
- 7.2. The list of categories of the final competitions “RoboLand-2025” and the number of teams allowed to them is given in *Annex No. 1*. Organisers shall have the right to change quotas for categories without prior notice to participants or other persons and organisations, but no later than 20 days before the start of the competition. Teams that register before the quota closes shall be eligible to participate in the final competition.
- 7.3. The following teams are allowed to participate in the final competition:
- Winners of previous competitions of the RoboLand 2024 Festival in the same category and with the same team members, in which they plan to participate in upcoming competitions;
 - The winners of the qualifying competitions of the festival in accordance with the quotas provided;
 - Qualified teams.
 - Teams in the RobotMouse category, defined by the International Federation of Preschool Robotics.
- 7.4. The age of the final competition participants shall be from 4 to 19 years old; teachers compete in the “Roboland Kazakhstan” category. The limits of age groups for each category are specified in the Regulations and indicated in *Annex No. 1* to these Regulations.
- 7.5. Each team shall have its own two network filters, a laptop with pre-installed software, the necessary materials: a robot, a disk with programs, a supply of parts and components, spare batteries, accumulators, etc.
- 7.6. Programming language: no restrictions.
- 7.7. The Organising Committee shall reserve the right, if necessary, to make any changes to these Regulations, its Annexes and the Competition Regulations. Information about changes shall be published on the official website of the Festival no later than 20 days before the start of the Festival.
- 7.8. The Organising Committee shall reserve the right to disqualify participants and teams for violating the conditions of the Festival, and cancel the results of competitions in the category where abuse of their powers by individual judges or the panel of judges was discovered.
- 7.9. In controversial and other situations, the Organising Committee shall have the right to make a final decision, as well as leave the decision without explaining the reasons to the participants and/or other persons.
- 7.10. Robots and devices participating in the festival shall not cause any harm to surrounding people, other robots and devices, or the competition field.
- 7.11. During the final competition, participants shall wear badges provided by the Organiser. All team members, with the exception of the coach, shall wear the same T-shirts for the same team with the team name or logo.
- 7.12. By taking part in the Festival, guests and team members shall agree that photography and video may be taken at Festival events without the direct permission of guests or team members, and the finished materials can be edited and used by the organisers for informational and advertising purposes, as well as by participants and guests of the festival consent to the processing of personal data in accordance with current legislation.
- 7.13. By taking part in the Festival, team members shall agree that descriptions of the robot designs that won in any of the categories can be used in the preparation of teaching materials by the festival organisers or their partners.

- 7.14. The Festival Organisers shall ensure security during the final competitions. All issues related to personal safety, safety of property and intellectual property and personal documentation shall be resolved by the Festival participants independently.
- 7.15. Participants shall comply with the requirements of security personnel.
- 7.16. Children under the age of 8 shall be accompanied by adults or in groups and teams accompanied by coaches or chaperones.

8. Admission and registration for final competitions

- 8.1. The organizers of the qualifying competitions shall send a competition report to roboland.kz@gmail.com within 5 days after the qualifying competitions. The report form is provided in *Annex No. 4*.
- 8.2. The Organising Committee shall review the reports and send confirmation of the admission/non-admission of the winners of the qualifying competitions to the finals by February 14, 2025.
- 8.3. Coaches of teams admitted to the final competitions based on the results of the qualifying competitions shall send their applications to the Festival email address roboland.kz@gmail.com up to and including February 20, 2025. The application form is provided in *Annex No. 6*.
- 8.4. Coaches of teams admitted to the final competitions based on the qualifying selection results shall send their applications to the Festival's email address roboland.kz@gmail.com up to and including February 20, 2025. The application form is provided in *Annex No. 6*.
- 8.5. Coaches of the teams that won last year's competitions shall send their applications to the festival's email address up to and including February 15, 2025. The application form is provided in *Annex No. 6*.
- 8.6. The coaches of the teams admitted to the final competitions in the RobotMouse category send their applications to the e-mail address of the festival up to and including February 20, 2025. The application form is in Appendix No. 6.
- 8.7. The Festival organisers independently enter all the data into the final competition database and post this information on the roboland.kz website.
- 8.8. The Festival organisers shall have the right to refuse an invitation to teams to the final competition if the application does not meet the requirements of these Regulations.
- 8.9. Teams that fail to submit applications within the specified timeframe shall not be allowed to participate in the final competition.
- 8.10. A team shall have the right to replace, upon arrival at the final competition, no more than 1 participant in a team consisting of more than one person. In all other cases, substitutions shall not be permitted.
- 8.11. The age of the participants indicated in Appendix No. 1 must correspond to the start date of the final competitions: March 28, 2025.
- 8.12. All teams arriving for the final competition shall complete the registration process. The coach of each team shall submit to the competition secretariat on paper:
 - An application for participation *Annex No. 6*, which shall indicate the last name, first name of each team member who arrived at the competition, date of birth, place of study or work, and the same data of the person responsible for accompanying minors. The application shall be certified by the signature and seal of the organisation sending the team;
 - Consent to the processing of personal data for each participant, signed by official representatives of the participant or the participant him/herself, if he/she is an adult and also from the leadership of the team. Samples of these documents are provided in *Annexes No. 8, 9* to these Regulations.
- 8.13. Competition participants and coaches shall have identification documents with them and present them upon registration.
- 8.14. Teams shall not be allowed to compete if they do not have the required documents.

9. Judging panel and appeal committee for final competitions

- 9.1. The panel of judges for the final competitions and the Appeal Committee shall be appointed by the Organising Committee of the Festival.
- 9.2. The panel of judges shall include: Chief Judge of the competition, Deputy Chief Judge, Chief Judge of the category, category judges, members of the Appeal Committee.. All members of the panel of judges shall have sufficient refereeing experience and meet the necessary qualification requirements. The appeal committee cannot include representatives of organisations whose teams participate in the competition.
- 9.3. Members of the panel of judges shall be provided with free meals on the days of the competitions that they judge, compensation for travel to the competition site and back (subject to supporting documents), as well as compensation for accommodation in accordance with the standards established by the Organising Committee.
- 9.4. The work of the panel of judges shall be organised in accordance with the Regulations on Judging, which shall be approved by the Organising Committee of the festival.
- 9.5. The coach of a team cannot be a judge of competitions in the same category in which his/her team is participating. The judge in a category cannot be a teacher representing an educational organisation whose team participates in this category.
- 9.6. Control and sum up of results shall be carried out by the Chief Judge in a collegial manner with members of the panel of judges in line with the Regulations of a specific category of competition.
- 9.7. The judges shall have full powers throughout the competition. Participants shall abide by their decisions.
- 9.8. If controversial situations arise and objections to the judge's decision, the team, represented by the coach, shall have the right to appeal to the Appeal Committee, but no later than the end of the current stage of the competition. The decision of the Appeal Committee shall not be subject to appeal.
- 9.9. In some cases, a replay may be scheduled and carried out. The judges shall be guided by the Competition Regulations and shall have the right to appoint it in the following cases:
 - when the robot was unable to complete a stage due to outside interference;
 - when the malfunction occurs due to poor condition of the playing field;
 - due to an error made by the panel of judges, but no later than the end of the current stage of this competition;
 - for other reasons provided by the category Regulations.
- 9.10. If the robot is inactive, the judge shall have the right to remove the robot from the competition in accordance with the regulations.
- 9.11. Judges shall have the right to keep minutes on any media (electronic, printed or handwritten). Any of such protocols shall have equal force after it is signed by members of the panel of judges.

10. Financing

- 10.1. All expenses associated with the preparation and holding of the final competitions of the Festival shall be borne by the Organiser.
- 10.2. It is possible to attract sponsorship funds for organising the Festival and forming a prize fund.
- 10.3. Travel expenses for participants and team representatives (coaches) to Karaganda and back, as well as expenses for accommodation and meals for participants shall be at the expense of the sending party.
- 10.4. The Festival organisers shall provide, in accordance with the schedule, the delivery of teams from their accommodation in Karaganda to the competition site and back – if these accommodations are agreed upon with the Organisers. The coaches of the teams must notify the Organizers of the accommodation in the recommended hotels by e-mail of the festival by March 20, 2025 roboand.kz@gmail.com. In case of accommodation in other places, as well as outside the schedule, competition participants shall travel to the venue and back at their own expense.

11. Summing up and rewarding

- 11.1. The winning team of each category shall be awarded a cup and a diploma. Team members shall be awarded medals for 1st place, gifts and diplomas. Coach – a medal for the 1st place and a diploma.
- 11.2. Teams that take the 2nd and the 3rd places in each category shall be awarded a cup and a diploma. Team members shall be awarded medals for the 2nd or the 3rd place, gifts and diplomas. Coach – a medal for the 2nd or the 3rd place and a diploma.
- 11.3. Sponsors and partners of the festival may establish special prizes.

12. Contact information

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