ROBOFINIST

«FREESTYLE»
CONTEST RULES

*Version **2.1** dated August 31, 2015*

1. General provisions

1.1.1. Any robot engineering project may be presented in this category.

1.2. Objective of the competition

1.2.1. Engagement of children into scientific and engineering creativity.

1.2.2. Identification and distinguished of the most interesting projects.

2. Requirements for Projects

2.1. Construction kit

2.1.1. The competition fails to stipulate a mandatory or restrictive list of parts used in project.

2.1.2. The project must be safe for viewers, must not spoil the air, produce excessive loud sounds, damage exhibition place and disturb its neighbours.

2.2. Poster

2.2.1. Each team is obliged to decorate their stand with a poster. The poster size should be 1200 × 800 mm, page orientation is book.

2.2.2. The poster must contain the following information:

2.2.2.1. Project name;

2.2.2.2. Keynotes;

2.2.2.3. Basic design image;

2.2.2.4. Functional diagram.

2.3. Registration

2.3.1. During the registration procedure each team has to present:

2.3.1.1. Project description;

2.3.1.2. Project photos;

2.3.1.3. Video demonstrating the project work. Video duration should not exceed two minutes.

3. Competition

3.1. Conductance procedure

3.1.1. For the project demonstration all the teams will be provided with the following stuff:

3.1.1.1. Stand. Stand size should be at least 2000 × 2000 × 20000 mm.

3.1.1.2. Table;

3.1.1.3. 2 chairs.

3.1.2. Participants may demand additional furniture beforehand.

3.2. Project defence

3.2.1. The defence is carried out in the form of demonstration to the jury

3.2.2. Participants are given 5 minutes for an oral presentation and demonstration of the project operability as well as 5 minutes to answer the questions as the jury may ask[1].

3.2.3. The project must be presented at the stand allocated by the organizers throughout the competition day.

4. Rules for the winner selection

4.1.1. All the teams are classified into 3 categories:

4.1.1.1. «Elementary» – the eldest participant's age in the contest year not in excess of 12 years

4.1.1.2. «Junior High» – the eldest participant's age in the contest year is between 12 and 15 years.

4.1.1.3. «High» – the eldest participant's age in the contest year does exceed 15 years.

4.1.2. The winner is selected in the each category independently of the other categories.

4.1.3. Each project is evaluated by each referee individually. Then Then the points are summed up and the final result is announced[2].

4.1.4. Each the project is evaluated in terms of the criteria in the Table 1. Command may score the count of point witch does not exceed one presented in the Table 1 in the each criteria.

[1] A supervisor unlisted among the participants cannot participate in the project presentation.
[2] The Organizing Committee reserves the right not to disclose the number of points awarded to the project by each individual referee.

Table 1. The scoring system

No	Criteria		Maximal score
1	Relevance		3 points
2	Novelty		3 points
3	Engineering complexity		3 points
4	Operability		6 points
5	Presentation		3 points
6	Aesthetic appeal		3 points
7	Project description materials (posted on the web-site) quality	Photo	1 point
		Description	1 point
		Video	1 point
8	Referee's special opinion		3 points