



ROBOFINIST

Freestyle

1. General provisions

- 1.1. Any robot engineering project may be presented in this category.
- 1.2. The number of team members must not exceed 3 persons¹.

2. Requirement to Projects

2.1. Construction kit

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

2.2. Poster

- 2.2.1. Each team is obliged to decorate their stand with a poster. Poster size should be 1200 × 800 mm.
- 2.2.2. The poster must contain the following information:
 - Project name.
 - Keynotes.
 - Basic design image.

2.3. Registration

- 2.3.1. During registration, each team must present:
 - Project description;
 - Project photos;
 - Video demonstrating the project work;

3. Competition

3.1. Competition objective

- 3.1.1. Engagement of children into scientific and engineering creativity
- 3.1.2. Identification and distinguished of the most interesting projects

3.2. Conductance procedure

- 3.2.1. During the project demonstration, one will present:
 - Stand. Stand size should be at least 2000 × 1500 × 500 mm.
 - Table
 - 2 chairs.

3.3. Project defense

- 3.3.1. Defense is carried out in the form of demonstration to the jury,
- 3.3.2. Participants are given 5 minutes for an oral presentation and demonstration of the project operability as well as 5 minutes to answer questions as the jury may ask.²
- 3.3.3. The project must be presented at the stand allocated by the organizers throughout the competition day.

4. Winner nomination rules

¹ Supervisors are not included among participants.

² A supervisor unlisted among the participants can not participate in the project presentation.



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- 4.1.** All the teams are classified into 3 categories:
- “Junior” — the oldest participant’s age in the contest year not in excess of 12 years
 - “Medium” — the oldest participant’s age in the contest year — 12-15 years
 - “Senior” — the oldest participant’s age as of September 1, 2014 not in excess of 16 years
- 4.2.** In each category, the winner is nominated independent of the other two categories.
- 4.3.** Each project is evaluated by each referee individually. Then the points are summed up and the final result is announced³.
- 4.4.** Each project is evaluated in terms of the following criteria:
- 4.4.1. Relevance, *0-3 points*;
 - 4.4.2. Novelty, *0-3 points*;
 - 4.4.3. Engineering complexity, *0-3 points*;
 - 4.4.4. Operability, *0-6 points*;
 - 4.4.5. Presentation, *0-3 points*;
 - 4.4.6. Aesthetic appeal, *0-3 points*;
 - 4.4.7. Quality of the project description materials (posted on the web-site):
 - Photo *0-1 point*;
 - Description (text) *0-1 point*;
 - Video *0-1 point*;
 - Presentation file *0-1 point*.
 - 4.4.8. Referee’s special opinion, *0-3 points*.
- 4.5.** The team having scored the maximum points is declared the category winner.

³ The Organizing Committee reserves the right not to disclose the number of points awarded to the project by each individual referee.