« *FLYING INTELLIGENT ROBOTIC SYSTEMS* »
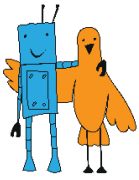# CONTEST RULES

Version 2.0 dated 20 July, 2017

Contents

1. General Rules

1.1. Task Description

The robot must complete a task in the best (minimal) time and get the maximum number of points.

1.2. Competitions category

«Practical Robotics Olympiad» has the following competition categories:

«LEGO» - the oldest participant cannot be older than 15 years old on the day of the competition;

«TRIK» – for the participants of all-age;

«ARDUINO» - for the participants of all-age

1.3. General restrictions

Teams of no more than three people participate in the contest.

Using of any kind of software is allowed.

Using of Internet and other external sources of information are prohibited.

Olympiad duration is 180 minutes.

The organizers of the competitions may set any additional limitations to amend these Rules.

A team may only participate in one category.

2. Requirements for the construction kits

A team must use PCs for participate in this competition. The organizers of the competition do not provide with PCs.

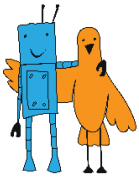Participants will be provided by the following construction sets:

«LEGO»- Lego Mindstorms construction sets (with NXT controller) or EV3;

«TRIK» – TRIK construction sets;

«ARDUINO» - ARDUINO controller and construction sets.

Only construction sets provided by Olympiad organizations is allowed to use.

If the organizers of the Olympiad for any reasons cannot provide the participants of such games with the necessary number of construction sets, the participants may use their own sets. In such case, the contents of such construction sets should be checked against the original sets before the Olympiad begin.

3. Competition

Problems texts will be provided in Russian to each participating team in one copy. If any participants not speaking Russian participate in the Olympic Games, at the team request the text may be provided in English.

All the categories will be tasked with the same problems.

When team solved the task it hands in the robot to referees for examination. After robot was approved team should present task implementation to the referees. There are no more than two minutes for task implementation.

In case of failure the restart is possible but it depresses the points for the task in 20%. The exact value of presents may be changed by referees in the day of competitions.

3.1. General restrictions

The team can be disqualified in the following cases:

the team used the parts of construction sets were not provided by Olympiad organizations;

the team used the parts of construction sets were not checked against the original sets;
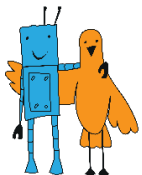
the team used external sources of information to solve the task of the match;

the team carried out actions that call into question the honesty of the match.

4. Rules for winner selection

The maximal possible count of points is indicated in the text of the task and is determined on the date of the competition.

The winner team in the category is the one scored the maximal count of points.

5. Revision History

№	Doc. No.	Date	Note	Previous Version	Update Version
1	2	3	4	5	6
1.					
2.					
3.					
4.					