

Sumo Challenge



Freestyle Regulations



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1. Short description of category

In this category participant has to present a robot with any features and functions to arouse an interest in the audience.

2. Course of the game

- a) Competition lasts throughout duration of the event, until the Organizers do not decide to end voting.
- b) Throughout the competition, contestant can present his/ her robot in a prepared place. In the final stage, designers present their robots - the duration of the show cannot exceed 5 minutes.
- c) Participants are asked to prepare additional graphic materials regarding the displayed robot. One of them should be a slide (a short description with a photo), which will be used in the presentation displayed on TVs at the event site. The slide should be in 1600x900 or 1920x1080 resolution (16: 9 ratio) and should be delivered electronically no later than the day before the competition. In addition, contestants are asked to prepare a poster in A3 or A4 format about the displayed robot. If you send the file at least 3 days before the competition, we provide an opportunity to print a poster. After the competition, the poster belongs to the participant - it can be used at other events. Preparation of graphic materials is not mandatory, but it results in additional points in the classification.

3. Robot specifications

There are no size and weight restrictions. The only limitations are the designers' imagination and skills. However, robots cannot be a threat to humans and in the case of flying ones - they cannot fly.

4. Rules

- a) Each team can present their robot during the competition. Competition winners will be selected using a mixed system - votes of the Jury (representatives of sponsors and Lodz University of Technology) and audience will be taken into account.
- b) Voting of the audience is carried out under the supervision of the Organizers, principles are established after registration of teams. Any attempts of cheating will result in disqualification. In case of noticing any unfair behaviour, participants are obliged to report it to the Organizers.
- c) Each member of the Jury will be able to judge all robots participating in the competition on a scale of 1 to 10 in four categories:
 - innovation of the idea,
 - technical implementation,
 - performance aesthetics,
 - robot's technological advancement.
- d) The final classification includes additional points for the preparation of graphic materials.

5. Final provisions

It is not allowed to submit to the competition constructions, that are officially being sold. If the robot is a modified version of the finished structure, please contact the Organizers to agree on the rules of participation. If the participant does not inform the Organizers before the competition, he or she will be disqualified.

Since Bluetooth transmission, like any type of radio transmission, may be disturbed, slight problems with the operation of robots are possible at competitions.

Competitions can take place in varying lighting conditions, which is why robotic sensors should be properly protected against the adverse effects of light.

Robot is perceived as an inseparable object - no element (except the battery) can be used in another robot.

All situations not described in the regulations are solved by the Chief Judge.

The Chief Judge's decision is final and indisputable.

In case of a small number of robots, the organizers can decide to award only one prize.

Organizers have the right to make minor changes to the regulations until the start of the competition - all will be listed at the beginning of the regulations.