

Technical Challenge LW.1 and O.1

For Soccer Open and Soccer Lightweight

“The fast shooter”

Goal

Within one minute, shoot as many goals as possible to an open goal (i.e. with no opponent).

Description

- At the beginning of the challenge you indicate which goal you are shooting at (blue or yellow).
- The ball starts in the central neutral spot. Your robot(s) need to be located outside of the center circle.
- When the timer starts, the goal of the robot(s) is to score into the open goal.
- Once a goal is scored, the ball is moved to the central neutral spot
- The ball can only be put to the central neutral spot **when no robot is located in the central circle.**
- The robots are not turned off after a goal. They need to leave the central circle on their own, so you can place the ball there. They can only enter the central circle again once you place the ball in.
- The timer stops after 60 seconds (one minute).
- You can use one or two robots, it's up to you.

Grading

- For each goal scored to the goal you are shooting at you get +1 point.
- For each goal scored to the goal you are *not* shooting at you get -1 point.
- If you miss your interview or if your presentation is longer than 3 minutes, you'll get half of the points that you scored.

General Guidelines

- The video must include your team name, league and the number of this challenge.
- The video of your robot solving the challenge must be one take, without any cuts.
- The video must be uploaded to youtube.com or vimeo.com.
- Please send in your video submission **until June 23rd, 3pm UTC** here:
<https://forms.gle/T5RQYCpmXJMNeQ7e9>