COMPETIÇÃO BRASILEIRA DE ROBÓTICA- CBR 2020 Virtual

ROBOCUP BRASIL

RoboCup Soccer Humanoid League / Standard Platform League (SPL)

Chair: Danilo Hernani Perico (danilo.perico@gmail.com)

CALL FOR PARTICIPATION (QUALIFICATION)

Como não teremos TDP esse ano, para participação os times devem enviar um <u>vídeo curto</u> de qualificação, demonstrando o robô humanoide ou o NAO realizando tarefas básicas: andar e chutar uma bola. O vídeo pode ser feito a partir de vídeos antigos das equipes.

As we will not have TDP this year, for participation teams must send a short qualifying video, demonstrating the humanoid robot or NAO performing basic tasks: walking and kicking a ball. The video can be made from old team videos.

COMPETITION CLARIFICATIONS AND RULES

we will have no actual soccer games in the competition and decided instead to organize two other activities, which can be executed remotely by all teams.

The first activity will be the submission of a 10-minute video presenting the team, its robots and the type of research that is currently being performed in the group. The second activity will be an object detection competition, in which contestants will be given access to an Amazon EC2 virtual machine with limited computing power in order to run inference in a robot image data set (free style robots).

The video will be worth 60 points out of 100. The object detection competition will be worth 40 points.

OBJECT DETECTION

The rules for the object detection competition are available here:
https://docs.google.com/document/d/1_dZsV-uhrd_J-ie-ezRuP43Hxdqby1qmR9SNAyGV3Js

VIDEO

Video Rules:

The video must have up to 10 min divided as follows:

- up to 5 min talking about the team

- up to 5 min talking about the team's research and activities in the category

The video must be on YouTube as unlisted and the links must be sent to the organization.

In the video it is not necessary that all the team members appear, however a photo of the complete team is desirable

Points to evaluate (in construction): *in relation to the team * 30 points*

4 - Clear presentation of the team's history in the category

4 - Team presentation

7 - Presentation of other team actions with the community outside the institution

15 - Presentation of robots and participation in Humanoid-SPL

*in relation to the survey * 30 points*

20 - Describe a survey conducted by the team and how it applies to Humanoid-SPL

10 - Impact of research related / applied to Humanoid-SPL in other categories (Teams must present actions related to other categories)