

Open Challenge Presentation Proposal

Dutch Nao Team

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The Dutch Nao Team would like to use its interface widget during the presentation of the open challenge. The goal is to show the functionality of the modules that the team has worked really hard on the last few years, such as the ball detector and localisation. The interface is build by the team itself and used to visualise the representations of the robot, such as the camera with the detected ball and lines, the position on the field and the behaviours. It is still a work in progress; every new feature will have a new visualisation in the interface as well. Furthermore, the team added a functionality to record a match in real time and replay it in the interface.

In order to present the interface, the team wants to walk with a NAO robot on a field with a ball, while showing the interface on a big screen. During the presentation, the team wants to connect the robot to the interface and let it play football, while showing the visualisations of the representations in the interface. Furthermore, the team would like to record a robot playing football before the presentation and replay it during the presentation.

