2021 Announcement for the International RoboCupJunior OnStage Competition

Dear Robocuppers.

Following the announcement by the RoboCup Federation, all the RCJ OnStage leagues will take place virtually at the international competition.

Below is an outline of how the OnStage virtual league will be organised.

Participating teams must be selected/recommended by the corresponding regional committee/representatives.

2021 OnStage Competition Overview

This should be read in conjunction with the 2021 OnStage rules and score sheets.

Teams will be asked to submit a **technical description paper** and **program code** before the event.

Team will be asked to record and submit a **Recorded Technical Video Demonstration**. The presentations will be judged by our team of international OnStage judges. After the judging the technical presentations will be made available online.

Teams will perform a live-streamed **performance**. Teams will be invited to sign up for a time slot for their performance and given a window of time in which to complete their performance. Teams will be responsible for placing a camera to stream the performance from the viewpoint of a judge. Guidance will be given to teams with an opportunity for a practice session to test the setup.

Depending on the schedule teams will be offered one or two performances. Performances will be recorded and made available online after all judging has been completed.

All teams will be invited to a private **technical interview** session with the judges. Teams will be invited to sign up for a time slot for their interview. The interviews will be recorded to assist with judging but will not be available for public viewing.

The Awards will be allocated in accordance to the OnStage 2021 rules.

Onstage SuperTeam competition

One of the highlights of an international competition is a SuperTeam event with a foreign team. The SuperTeams will be formed with consideration for the time zones of the teams.

Teams will be tasked with developing a performance which involves all the teams developing a robotic performance on a particular theme. Specifics of the organisation will be released in due course.

OnStage Simulation showcase challenge

We invite all teams to take part in an OnStage simulation showcase challenge which will take place after the main RoboCup Junior 2021 event. This is optional and will not be part of the "scoring" of the competition. We hope that this will engage new and existing OnStage teams.

Teams will be given the freedom to develop a simulated robotic performance. Teams will be asked to submit both a recorded Technical presentation and a recorded performance together with their program code. Teams will be free to use a simulation platform of their choice or to develop their own.

More details will be given over the next few months. This is a showcase event meaning certificates will not be issued from the RoboCup Federation but from the OnStage Committee.

Upcoming information

Over the next few weeks, the OnStage TC and OC will be announcing information, updates, changes, etc through our league mailing list and the RCJ Forum. Please post any questions on the Junior Forum (**https://junior.forum.robocup.org/**) for the TC and OC to review them and provide answers. We aim to share relevant information with the community as they are decided and or known. Despite the large limitations and difficulties of the recent months, we aim to continue to celebrate another year of exciting learning, and make this RoboCupJunior season a memorable one.

If any rule clarification is needed, please contact the International RoboCupJunior OnStage Technical Committee, using the Junior Forum (https://junior.forum.robocup.org). Once the inquiry is posted on this forum, OnStage TC or OC members will respond as soon as possible.

OnStage 2021 Rules