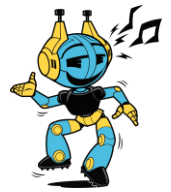


OnStage Virtual Competition Guidelines



Submission Details:

Teams are to submit the following by the due date to be eligible for the competition:

- 1 x video of the performance
- 1 x video of the interview
- 1 x completed Technical Description paper
- Signed mentor declaration
- Signed participation forms for all team members

Entries can be submitted by adding a share link to a folder (e.g. Google Drive, OneDrive, Dropbox etc.) containing all of the above files to the notes section for your team in the registration system.

Performance Video guidelines:

- Camera must be stationary for the entire performance
- The framing of the shot should show the entire stage area and all team members must be seen within the frame for the duration of the performance
- Stage (2.0m x 2.0 m) should be clearly marked using black tape on a flat surface
- Recording begins with a clear stage, participants then start to set up equipment on the stage
- Only participants can bring equipment on and off the stage
- The performance should be between 1-2 minutes in length
- Recording ends when all equipment and team members have left the stage
- The entire performance video should be a maximum of 6 minutes and be one continuous shot - no splicing allowed

Interview Video guidelines:

- Everyone in the team has to speak at least once
- The team's robot program must be shown within the interview video and at least one piece of the code must be described
- The teams robots must be shown during the interview
- The entire interview video should be a maximum of 5 minutes
- The following questions/prompts from the Technical description paper can be used to guide the interview content
 - What is the theme/idea of the performance?
 - What was done to enhance difficult movement of the robots? eg moving smoothly, keeping balance, communication, avoiding objects, grasping objects etc. (Point these out on your robots/code)
 - Which sensors are you using? eg touch, light, sounds, rotation, compass, proximity, ultrasonic, colour (Point these out on your robots/code)
 - Are you using wireless communications? If so what type eg Infrared, Bluetooth (Point these out on your robots/code)
 - What programming language/s are you using? (Show your code and describe an important part and what it makes the robot do)
 - What is the highlight of your performance?
 - Is there any robot-robot interaction in your performance?
 - What did your team find especially challenging and how did you overcome it?