

RCJA OnStage Technical Description Paper

This will count for 10 points in your interview

Team Information

Division:

Team Name:

School:

State/Territory:

Team Member Names:

If any team member had a specific role, please include this below.

Member 1:

Member 2:

Member 3:

Member 4:

Member 5:

Overview

What is the theme/performance/idea of The Performance? Please include number and type all robots you have used in The Performance, including programming language(s).

Mechanical Innovation

What was done to enhance difficult movements of the robots, such as moving smoothly, keeping balance, communication, avoiding objects, grasping objects, and so on.

Sensors

Which sensors are you using (for example Touch, Light, Sound, Rotation, Compass, Proximity, Ultrasonic, Colour)?

Wireless Communication

Are you using wireless communication(s)? If so what type (for example Infrared (IR), Bluetooth (BLE or Classic))?

Programming Language

What programming language(s) are you using?

The Highlight

The point what you want the audience and judges to show, usually the most important scene of The Performance.

Robot-Robot Interaction:

Is there any robot-robot interaction in your performance? How do the robots move?

Challenges and Difficulties:

What did your team find especially challenging? Did you overcome this? If so, how?

Photos and Images of the Robot(s)

If there is a design drawing of the robot or if you have photos or notes of the development process, please provide these as proof of your team's learning.

Collaboration

Would you like us to share your Technical Description Paper with other members of the RoboCup OnStage community?

Your Learning Journey

Briefly list your learning journey/activities you went through towards building The Performance. This can be done in a chronological order (dates worked on) or in any way that best explains your performance development.

Extra Information

Is there anything else you would like to add?