RoboCup Junior Australia

National Open Championships 2022

South Australia

Saturday to Sunday 1st – 2nd October

Jubilee Pavilion, Adelaide Showground

Wayville

South Australia

INFORMATION PACK

Supported by

Flinders University

RoboCup Junior Australia Open Championship 2022	
Audience	Open to all Primary & Secondary school aged students
Disciplines	▪ OnStage – Novice / Open ▪ Soccer – Standard / Lightweight / Open ▪ Rescue Line – Primary / Secondary / Open ▪ Rescue Maze Open ▪ Entry level competitions – Simple Simon Soccer / Riley Rover Rescue
Schedule	Friday September 30th (Set-up & calibration 2:30pm – 5:30pm Not compulsory) Saturday October 1st & Sunday October 2nd (see times below)
Location	**Adelaide Showground** **Goodwood Road,** **Wayville, SA, 5034**
Registration	Please complete the registration form linked from the RoboCup Junior Australia website ▪ Participation Deeds are mandatory, available from the RoboCup Junior Australia website
Opening Ceremony	9:30am Saturday
Competition times	9am – 5pm Saturday / 9:30am to 4pm Sunday
Presentations	4:30pm Sunday
Parking	Click here for more information https://www.adelaideshowground.com.au/car-parking
Getting to the venue	You can travel by car, bus, tram or taxi and even train. Click here for more information https://www.adelaideshowground.com.au/getting-here
Meals	There is a café inside the venue. There are other food outlets within walking distance of the venue off of Goodwood Rd.
Volunteers	Volunteers on the day will need to assist with the management of the event on the day. If you can help please contact Simon Coad at Simon.coad@robocupjunior.org.au
Student Workspace	Room will be available for all students to set up their equipment and prepare robots. ▪ This workspace is limited. Three chairs are given to each team ▪ Large teams may not have a chair for each member ▪ Students must bring their own computer equipment ▪ All electrical equipment must be electrically tested & tagged as per OHS requirements

Venue Protocol & Rules

No responsibility will be taken by the venue or RoboCup Junior Australia organisation for any item, robots, laptops etc lost or damaged during the competition. Marshalls will be monitoring all areas closely but ultimately it is the responsibility of teams to ensure the security of all items.

Mentors may not assist the students on the day with the building and programming of the robots. Please read the Mission Statement to understand the spirit of the competition.

There will be access to power, however you will need to consider bringing a spare battery or laptop to ensure you actually have what you need for preparations. Power should not be used by students for the purpose of playing games, streaming or recording video on laptops or phones.

The use of phones in the marshalling area will be strictly limited to communication! No video or photo's will be permitted to be taken. Students not following this will be warned and may be disqualified from competition.

Media Presence

As there will be media presence, you have received a copy of the Participation Deed. Please note that a signed form from each student is necessary and will be collected as you register. Students will not be able to participate with this signed. Mentors will also be required to complete a Mentor Declaration.

Competition Rules

Please read and familiarise yourself with the current rules & judging criteria for each activity (i.e. interviewing processes e.g. OnStage interview evaluation sheets & scrutineering of robots). Official rules are available on https://www.robocupjunior.org.au/

Use of electrical equipment

Due to the sensitive nature of the robots, NO FLASH PHOTOGRAPHY will be permitted in areas where it may affect the robots. Please check for signage to locate permissible areas for photography.

NO infra-red towers, computers, mobile phones or other communication equipment is permitted in competition areas! Any team member or spectator who is seen using this equipment **will** be asked to leave the area and the team may be penalised.

Contact Information

RoboCup Junior South Australia Chair
Simon Coad

Mission Statement & Objectives

RoboCup Junior Australia aspires to be a popular educational activity of excellence. During the 20th century, Science & Technology have made exponential strides into the bettering of people's lives, but at the same time left many problems to solve. In the 21st century, it is essential that our cultures evolve in order to cater for new technologies. This is not a problem to be solved by one country or a few engineers. All concerned people throughout the word must work on this on-going solution. By taking a fresh look at robots as an educational and entertaining medium, it is hoped that RoboCup Junior Australia will contribute to the development of 21st century society.

Objectives

1. To encourage young people to take an interest in scientific and technological fields, to cultivate their interest through robotic competitions through hands on creation.
2. RoboCup Junior Australia will help young people to expand their social, intellectual and problem solving skills, helping them to develop into creative and independent adults.
3. To provide a forum, which will allow more people to appreciate the co-existence between science, technology and human kind.
4. To create an environment that will encourage people from all over the world to share their experience with science and technology, thereby contributing to its development.
5. To use robotics as a vehicle to foster the development of an internationally-based intellectual cooperative.
6. The emphasis will be on learning and enjoyment rather than competing to win.
7. Participants will be required to share technological developments in order to ensure the improved quality of the competition rather than allow an individual team's dominance.
8. RoboCup Junior Australia is an educational activity, which will nurture understanding between nationalities via the opportunity to compete in an educational robotics competition.
9. RoboCup Junior Australia must remain accessible to students around the world.