



NSW Open Competition 2021

Holy Cross College, 517 Victoria Road,
Ryde NSW 2112

23rd and 24th August 2021

Information Pack

PLATINUM NATIONAL SPONSOR



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EVENT HOSTED BY



Holy Cross College, Ryde

Important Information

Key Dates and Venue					
Location	Holy Cross College, 517 Victoria Road Ryde NSW 2112 https://goo.gl/maps/uFAZdNPxsoDxi9kt9				
Date	Monday 23rd August and Tuesday 24th August 2021				
Time	8:30am to 4:30pm Monday 8:30am to 4:00pm Tuesday				
Competition Days	<table border="1"> <thead> <tr> <th>Monday 23rd August</th> <th>Tuesday 24th August</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> Novice OnStage (see below) Primary Rescue Standard League Soccer </td> <td> <ul style="list-style-type: none"> Novice OnStage (see below) Experienced OnStage Secondary & Open Rescue Rescue Maze Lightweight & Open Soccer </td> </tr> </tbody> </table> <p>Novice OnStage: Monday OR Tuesday. Novice OnStage teams will compete on ONE DAY ONLY and must indicate their preference when registering online. Preference will be given to schools travelling long distances.</p> <p>See page 5 for information about each competition.</p>	Monday 23 rd August	Tuesday 24 th August	<ul style="list-style-type: none"> Novice OnStage (see below) Primary Rescue Standard League Soccer 	<ul style="list-style-type: none"> Novice OnStage (see below) Experienced OnStage Secondary & Open Rescue Rescue Maze Lightweight & Open Soccer
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Registration					
Registration	Online team registration at https://enter.robocupjunior.org.au/ Teams must register online by 11:59pm Friday 6th August 2021 Media Release Forms are mandatory: https://www.robocupjunior.org.au/wp-content/uploads/2021/03/RCJA_Media_Release_Deed.pdf				
Entry Fee	An entry fee of \$100.00 per team will be charged. Online payments are preferred and available when registering online. If paying on the day, please pay by cheque only. Spectators may enter free of charge.				

Teams and Eligibility													
Eligibility	Open to all primary and secondary school students Parents and teachers are welcome to attend on the day.												
Disciplines	Novice and Experienced OnStage. Primary, Secondary and Open Rescue, Rescue Maze. Standard League, Lightweight and Open Soccer.												
Team Limits	There are no 'teams per school' limits this year. All Rescue, Maze and Soccer teams are limited to a maximum of four members . OnStage are limited to a maximum of five members . A reminder that a team is made up of two or more members. We would like to encourage everyone to work in a team. If for some reason that is not possible please email the RoboCup Junior NSW Secretary pam.grover@det.nsw.edu.au												
Schedule													
This timetable may change on the day depending on the competition and the number of teams.													
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Schedule notes	<ul style="list-style-type: none"> • Teams must register at a registration desk upon arrival. • Some competitions may start at 9:00. Teams who have registered at the desk already may be asked to compete early. • There is no set lunch break, but there is usually time between competition rounds to eat lunch. Students must be accompanied by an adult when outside the competition venue. 												

Getting There	
Parking	Car parking is free. Minibus parking also available. Enter via Victoria Road and follow the directions of the parking attendants.
Transport	Bus routes run regularly along Victoria Road, Ryde.
Meals	Participants can purchase a sausage sizzle lunch. Details will be provided to schools closer to the event date.
Volunteers	We need volunteers to make the event run smoothly! You do not need to know how the competitions are run to help. All volunteers must have a valid Working With Children Check. If you are free on either day, please fill in this form: https://forms.gle/1s1gzBa3QYVUfcPA9
Preparation Area	
Student Workspaces	Space will be assigned for registered students. This workspace is limited so please carefully consider how many students you bring to represent each team. Students must bring their own computer equipment.
Electrical Equipment	<ul style="list-style-type: none"> All teams will be provided with access to at least one electrical power point at a dedicated table in the preparation area. All electrical equipment used at the venue MUST be electrically tested and tagged. Please ensure that all equipment you bring has been tagged and with a valid date. As a service to all teams, there will be a complimentary test and tag station, however access will be on a first come basis and wait times could be long.
Robots	<ul style="list-style-type: none"> Bring robots fully charged with spare batteries. It may not be possible to charge your robots all day. Laptops are to be fully charged, and if possible, bring a spare laptop. Please ensure that your school's network setup allows the laptops to access and run programs written for the robots while they are away from school (access to shared network drives, for example).
What to bring	<ul style="list-style-type: none"> Laptop/s and robots with fully charged batteries Team mentors and any parents and volunteers who would like to assist and cheer! OnStage music on a labelled USB in MP3 format. Ensure this is uploaded prior to the competition to the link provided on page 5.

Competition Information

All Competitions

- All divisions must **submit a logbook** to the registration form after registering.
- Interviews may be scheduled for all divisions on the day, and each group must produce their logbook and program at their interviews. Teams must be able to show or explain their design, building and programming to be eligible for Certificates of Excellence.
- Mentors **may not** assist the students on the day with building or programming of robots.

OnStage

- Novice teams will **compete on ONE DAY ONLY, either Monday or Tuesday**.
- Experienced teams compete **only on Tuesday**.
- Teams must indicate a preference of Monday or Tuesday when registering on the site. Preference will be given to school travelling long distances. On each day a 1st, 2nd and 3rd will be awarded, however the overall state 1st, 2nd and 3rd will be allocated on points from the place achieving teams from both days.
- **Music must be submitted to the online form, enter.robocupjunior.org.au.**
- The file name should include the **Team name, School name**. Songs should be free of violent themes, swearing and sexual references.
 - It is critical that you bring a **copy of the music on a USB that is clearly labelled** with the School and Team Name. Unlabelled USBs will not be accepted.
- All robots, props, OnStage floors (Novice only) are to be handled and carried by the students in the OnStage team in performances. No adults are to enter judging or practice room. Any adults/non team members seen programming will disqualify the team.
- Rules are available at <http://www.robocupjunior.org.au/onstage>.
- NSW implements a special rule where there is a **maximum of 3 points deducted**.

Rescue

- Rules are available at <http://www.robocupjunior.org.au/rescue>.

Soccer

- Robots and volunteers limit the use of yellow or blue on their robots and clothing when near the competition area to prevent confusion with the goals. For Open Soccer, robots should limit the use of orange on their robots.
- Rules are available at <http://www.robocupjunior.org.au/soccer>.

Our Mission Statement

RoboCupJunior Australia aspires to be a popular educational activity of excellence. During the 20th century, science and 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 just a few engineers. All concerned people throughout the world must work on its 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.

Our 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 that 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 different nationalities via the opportunity to compete in an educational robotics competition.
9. RoboCup Junior Australia must remain accessible to students around the world.