



NSW Open Competition 2019

Exhibition Hall 5, Sydney Showground,
Sydney Olympic Park

19th and 20th August 2019

Information Pack

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Important Information

Key Dates and Venue		
Location	Exhibition Hall 5, 1 Showground Rd, Sydney Showground Sydney Olympic Park NSW 2127 https://goo.gl/maps/zGsfCPFU6BL2	
Date	Monday 19th August and Tuesday 20th August 2019	
Time	8:30am to 4:30pm Monday 8:30am to 4:00pm Tuesday	
Competition Days	Monday 19th August <ul style="list-style-type: none"> • Novice OnStage (see below) • Primary Rescue • Standard League Soccer 	Tuesday 20th August <ul style="list-style-type: none"> • Novice OnStage (see below) • Experienced OnStage • Secondary & Open Rescue • Rescue Maze • Lightweight & Open Soccer
	<p>Novice OnStage: Monday OR Tuesday. Novice OnStage teams will compete on ONE DAY ONLY and must indicate their preference in when registering online. Preference will be given to schools travelling long distances.</p> <p>See page 5 for information about each competition.</p>	
Registration		
Registration	Online team registration at http://www.robocupjunior.org.au/node/17 Teams must register online by 5:00pm Friday 2nd August 2019 Media Release Forms are mandatory: https://www.robocupjunior.org.au/sites/default/files/Participation%20Deed%202019%20v1_0.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	OnStage teams are limited to a maximum three teams per school . Rescue and Soccer teams have no 'teams per school' limits this year. All teams are limited to a maximum of five members. Teams are asked to limit themselves to four members where possible, as preparation area resources are limited.
Schedule	
This timetable may change on the day depending on the competition and the number of teams.	
Monday 19th August	8:30 am Doors open, Monday Registrations open 9:30 am Opening Ceremony, held at the OnStage area 9:45 am Team and Mentor briefings at each division area 10:00 am Competitions begin 4:00 pm Presentations: trophies awarded to the winning teams 4:30 pm Competition and preparation areas close
Tuesday 20th August	8:30 am Doors open, Tuesday Registrations open 9:30 am Opening Ceremony, held at the OnStage area 9:45 am Team and Mentor briefings at each division area 10:00 am Competitions begin 3:30 pm Presentations: trophies awarded to the winning teams 4:00 pm Competition and preparation areas close
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 grab food. Students must be accompanied by an adult when outside the competition venue.

Getting There	
Parking	All day parking is available for \$25 a day.
Train and Transport	The venue is a 5-minute walk from Olympic Park Station. From the main exit, turn right and walk along the Showground Rd to the corner at Grand Parade. For other transport, see https://www.sydneolympicpark.com.au/transport
Buses and Parking	There are bus, coach and car parking available around Sydney Olympic Park. Please see https://www.sydneolympicpark.com.au/parking/ for more information. Limited 2 hour free parking is available.
Meals	No external food is allowed on the premises. There are restaurants and fast food outlets around the corner of the venue – see the Venue Map on page 7.
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/dWohsk6M7dNTXksy6
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. There will be only one power outlet per team and while all care will be taken, there may not be space at a table for each team member. 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 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.
- 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 the building or programming of the robots.

OnStage

- Novice teams will **compete on ONE DAY ONLY, either Monday or Tuesday**.
- Experienced teams compete **only on the 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 this Google Drive:**
https://drive.google.com/drive/folders/1uWnGoRsdTzmyyhc2z_kv4kuCALFA5gx
- 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>.

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>.

RoboCup JUNIOR AUSTRALIA
Venue Map

Legend

- Parking
- Restaurants, cafes and retail
- Towards airport / city
- On-site accommodation
- Sydney Olympic Park Train Station
- Bus Stop
- Taxi



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.