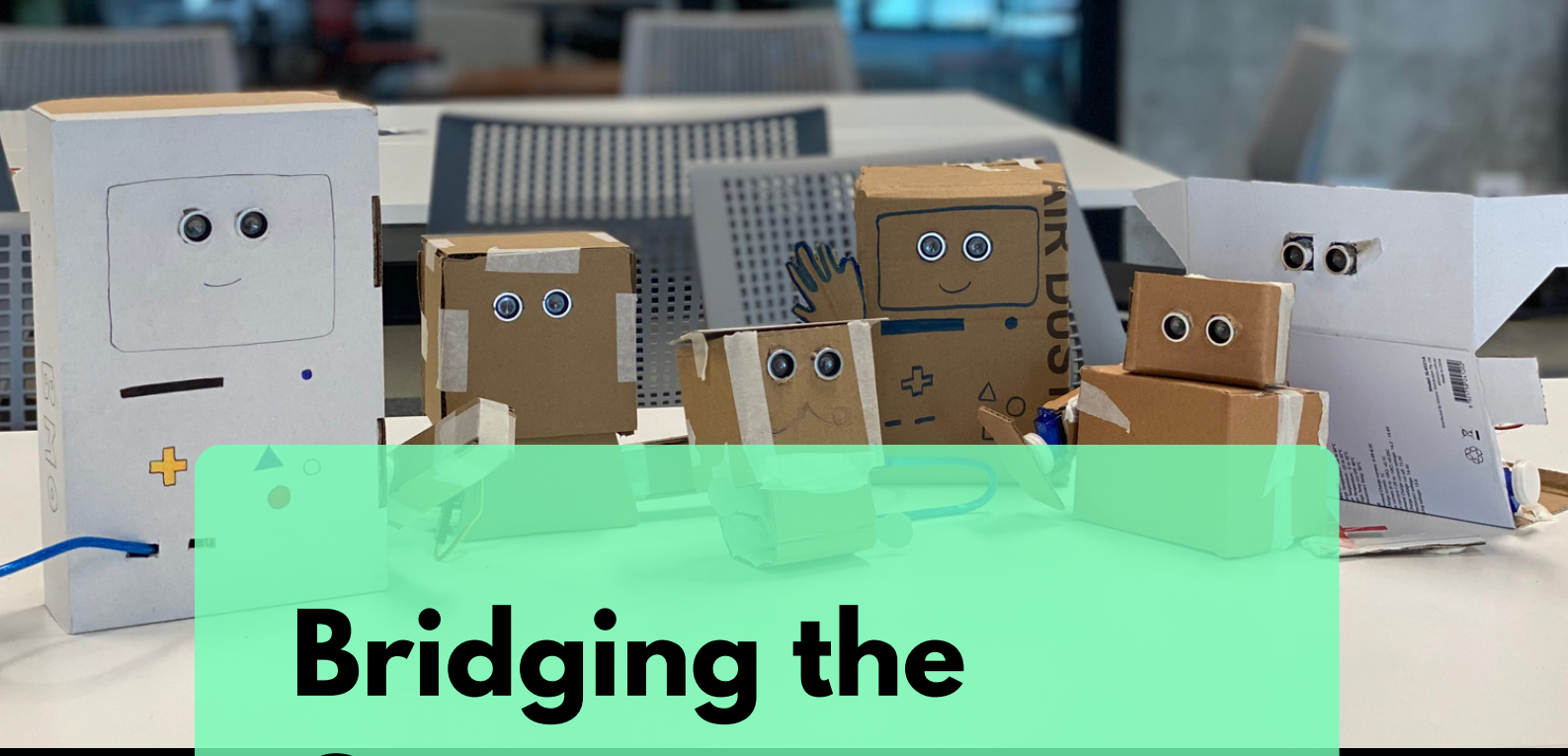


Bridging the Gap: Robotics Education for All

Bringing education closer to Australia's next generation of leading engineers

UWA ROBOTICS CLUB

THE UNIVERSITY OF WESTERN AUSTRALIA | Grand Challenges

Our Mission

The UWA Robotics Club (URC) is a UWA Guild-affiliated student club that aims to promote robotics to the wider community. Our mission is to increase community involvement in robotics, through providing students across all geographic barriers with enriching and educational experiences.

UWA Grand Challenges is an initiative taken by the smartest and most creative minds of UWA to drive social transformation and development. In fulfilment of the UWA Grand Challenge, URC is partnering with Albany WA primary schools and aligning our endeavours with the needs of your community to deliver a robotics STEM outreach program to your year 6 students. This program will expose students to the three engineering pillars of robotics - mechanical engineering, electrical/electronics engineering and software engineering - through practical hands-on activities such as block coding, and building a robot from scratch. Additionally, students will have the opportunity to explore industrial and academic robots developed by URC.

Our program will focus on equipping students with not only technical skills, but also transferrable skills to prepare them for success in both their education and future careers. Students who have participated in our programs have demonstrated significant academic improvement, as well as an increased enthusiasm for science and engineering.

Key Information

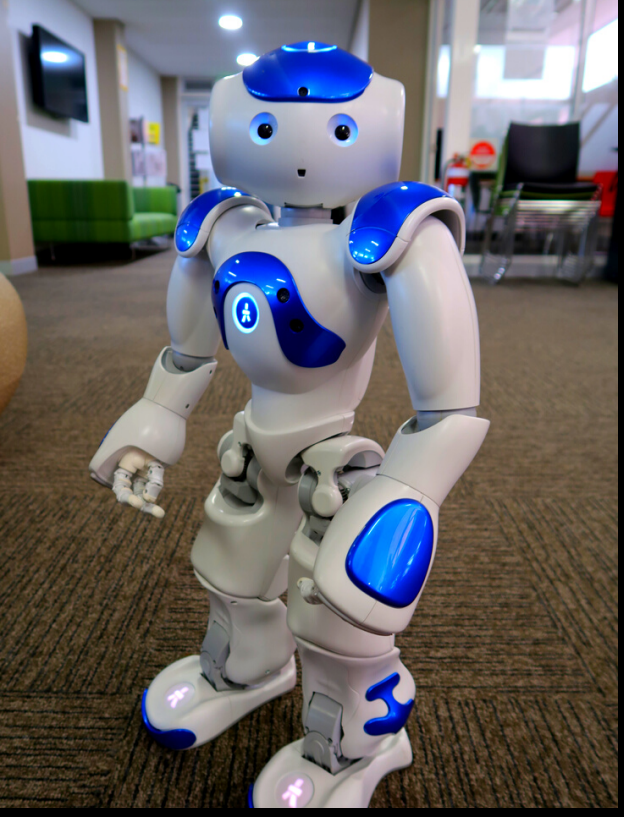
Date: 30th September 2023

Location: UWA Albany Campus

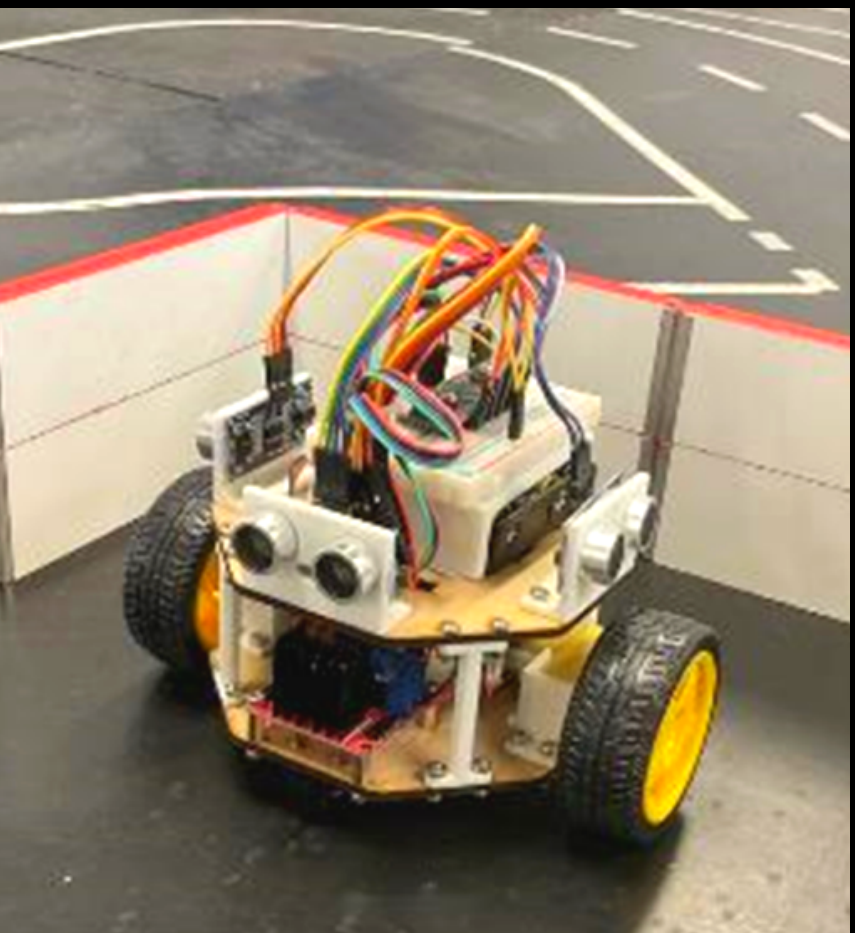
Cost: **FREE** for students

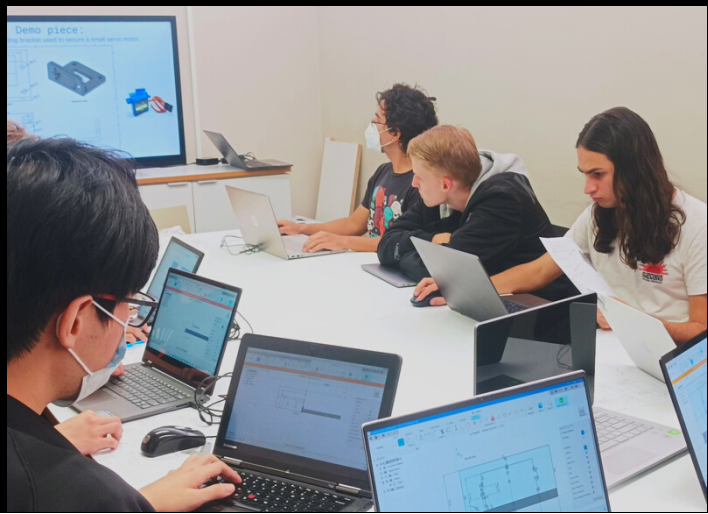
Time	Activity
10:00AM - 10:15AM	Arrival
10:15AM - 10:30AM	Presentation by URC
10:30AM - 12:00PM	Activity 1
12:00PM - 12:30PM	Lunch
12:30PM - 2:00PM	Activity 2
2:00PM - 2:30PM	Explore URC Robots
2:30PM - 4:00PM	Activity 3
4:00PM - 4:30PM	Q&A, Close

** Please note that lunch will not be provided and that attendance is based on a first-come-first serve basis as we only have the capacity to cater to 60 students at a time. Parents are welcome to stay for the duration of the event.



SPROBOT




Demo piece:

How to Sign Up?

- **Either scan the QR code and fill out an online form or**

- **Request your school for hard copy forms and sign up through your school**

Reach out to us here:

Website www.uwarobotics.com.au

Email outreach@uwarobotics.com.au

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35 Stirling Hwy, Crawley WA 6009