

## Western Australia Chapter

---



### 3D-Printing and the Open Academic Robot Kit

Friday 1st May, 2015

5:00 to 7:30 pm.

Free admission.

Engineering Pavilion,  
Curtin University

Bentley, Western Australia



### About the event

Join us for an introduction to 3D printing and the Open Academic Robot Kit. Learn how the latest advances in software, printers and the Maker community make it easier than ever to turn your robotic ideas into reality. No previous experience is required. Imagination is essential. To follow along with the demonstrations, bring a laptop computer with Sketchup Make (free version, download from [sketchup.com](http://sketchup.com)) installed and, ideally, a mouse.

### About the speaker

The workshop will be facilitated by Dr Raymond Sheh from the Intelligent Robots Group, Department of Computing, Curtin University. Raymond is an active member of the IEEE Computational Intelligence and Robotics and Automation Societies. He specialises in Artificial Intelligence, Robotics and Cyber Security and has been in robotics research since 2003.

Raymond is on the Executive Committee of the RoboCupRescue Robot League, an international league of teams with one objective: Develop and demonstrate advanced robotic capabilities for emergency responders using annual competitions to evaluate, and teaching camps to disseminate, best-in-class robotic solutions.

Raymond is also leading the Open Academic Robot Kit initiative, which leverages advances in 3D printing, mass production of hobbyist embedded electronics and sensing, and the Maker community, to lower the barrier of entry to academic robotics. In collaboration with national and international collaborators, he is piloting this initiative among high schools in Perth with the aim of bringing research level problems within reach of high school students.

### RSVP

Please see [intelligentrobots.org](http://intelligentrobots.org) for further information and email [rsvp@intelligentrobots.org](mailto:rsvp@intelligentrobots.org) for registration.

### Organisers

- IEEE Computational Intelligence/Robotics and Automation joint chapter in WA.
- The Intelligent Robots Group, Department of Computing, Curtin University.
- Curtin Engineering.