



Australian  
Robotics  
Centre



# People with robots

## The future of Australian manufacturing

Industrial transformation Training Centre in Collaborative Robotics  
funded by the Australian government through the Australian Research Council



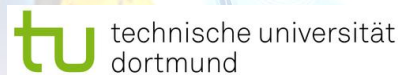
Australian Government  
Australian Research Council

# About

The Australian Cobotics Centre is a collaboration between researchers and Australian manufacturing businesses and their workforces. The Centre aims to create a safer, more efficient, & globally competitive manufacturing industry through the development & integration of collaborative robotics (cobotics) technologies. It was established in 2021 with a \$4.9 million grant from the Australian Government through the Australian Research Council's Industrial Transformation Research Program.

## Our Partners

Diversity of industry experience  
with multi-disciplinary researchers



## Primary Funding



Australian Government  
Australian Research Council

# Our Research Programs

The Australian Cobotics Centre has five research programs that address the technological and business outcomes required to implement Cobotics within the manufacturing industry.

The programs and their projects have been designed to maximise collaboration between industry partners and across the universities.



## **Biomimic Cobots**

Enabling cobots to mimic humans in acquiring perception, awareness, adaptation & manipulation skills.



## **Human-Robot-Interaction**

Designing robots that work better with humans.



## **Designing Socio-technical Robotic Systems**

Designing manufacturing systems, products and spaces that connect humans and robots.



## **Quality Assurance and Compliance**

Creating tools for the specification, capturing, monitoring and evaluation of the digital thread.



## **Human-Robot Workforce**

Understanding the impact of robots on skills, jobs, workers and workplaces.



# Partner Benefits

The Australian Cobotics Centre offers a flexible and adaptive approach to research which mirrors the needs of partners.



Access to International and national research expertise in robotics, design, engineering and industrial relations.



A range of technological and business research outcomes with commercialisation potential in your field.



The opportunity to help drive policy change and a platform to showcase their company's innovation.



Access to an industry network as well as a toolkit to support the implementation of cobotic technology.



# What our partners receive

In addition to one or more PhD projects tailored to their organisation, Industry Partners can also expect:

- Access to training session for their staff on topics relevant to collaborative robotics, presented by our expert researchers
- One or more 'translation projects' which provide a proof of concept or working solution to a challenge identified in their organisation
- Attendance at the annual Australian Cobotics Centre symposium
- Participatory and co-design of solutions with the partner's staff
- One complimentary presentation to staff per year on a topic of the partner's choice related to the Centre
- Access to skills and capabilities of [Australian Cobotics Centre researchers](#) including international associates
- Co-authoring opportunities on scientific and non-scientific articles
- Guest lecturing opportunities
- The option to host the researchers in the partner's offices whilst they are working with you
- Their Logo on our website as a [partner organisation](#) and promotion of the organisation via [social media](#) and through the website.



# Join Us

We welcome organisations to collaborate on our research programs as Industry Partners. We work closely with our partners to understand the business drivers around the implementation of Cobotics and associated technology. We offer a number of membership options depending on your organisation's financial position, ability to provide resources and where you are at in the automation journey.

## LEVEL A

\$80-90,000  
per year

Lead organisation for 3 research projects and supporting the research of 4-5 other projects.

Partners at this level can expect:

- 3 x PhD projects whose topics is related to the partner's organisation
- Access to a postdoctoral researcher.

## LEVEL B

\$40-60,000  
per year

Lead organisation for 2 research projects and supporting the research of 3-4 other projects.

Partners at this level can expect:

- 2 x PhD projects whose topics is related to the partner's organisation
- Access to a postdoctoral researcher.

## LEVEL C

\$10-30,000  
per year

Lead organisation for 1 research project and supporting the research of 1-3 other projects.

Partners at this level can expect:

- 1 x PhD projects whose topics is related to the partner's organisation
- Access to a postdoctoral researcher.

If you are unsure about how cobotic technologies and solutions can benefit your organisation, we also offer other options to work with us.

These options can include one-off, PhD researcher internships, or sprints where our researchers are embedded in your organisation to complete short projects that deliver high return for low investment.

For more information visit  
[www.AustralianCobotics.org](http://www.AustralianCobotics.org)

