

Australasian Conference on Robotics and Automation (ACRA) 2020

Brisbane, Australia 8-10 December 2020

Venue:

CSIRO's Queensland Centre for Advanced Technology, 1 Technology Court, Pullenvale, QLD 4069.

Important Dates:

- Submission of full papers by: **1st September 2020**
- Notification of acceptance by: **28th October 2020**
- Camera-ready submission by: **11th November 2020**

While we plan for an in-person conference, we will be sensitive to the developments of COVID-19 and make provisions to host the event online, if necessary. We intend to enable remote participation if required.

Contacts:

Dr Tirtha Bandyopadhyay
(General Chair)
tirtha.bandy@csiro.au

Dr. Paulo Borges
(Program Chair)
Paulo.borges@csiro.au

araa.asn.au/conference/acra-2020

Welcome to the Australasian Conference on Robotics and Automation!

The 2020 event is jointly organised by the Australian Robotics and Automation Association (ARAA) and CSIRO's Data61 Robotics and Autonomous Systems Group, hosted at CSIRO's west Brisbane QCAT site.

ACRA 2020 will continue to bring together researchers, engineers, academics, students, practitioners, organisations and industries to discuss the current state of the art of research and advancement of technology in areas of Robotics and Automation, including (but not limited to):

- Mechatronics systems and design
- Vision for Robotics
- Field Robotics
- Aerial Robotics
- Underwater and marine robotics
- SLAM
- Agricultural robotics
- Industrial robots and automation
- Service Robotics
- Sensors and actuators
- Control systems
- Motion and Path Planning
- Healthcare robots
- Robots for Search and Rescue
- Soft Robotics
- Smart materials
- Machine Learning for Robotics
- Human-machine interaction
- Robotics Perception

Submissions must be original, unpublished work containing new and interesting results that demonstrate current research in all areas relevant to Robotics and Automation.

All full papers submitted to ACRA 2020 will undergo a peer-review process. Each manuscript will be reviewed by at least two reviewers who will give detailed comments. If the submission is accepted, the authors will be required to submit a revised ("camera-ready") version that take into account this feedback.

All papers are reviewed using a single-blind review process: authors declare their names and affiliations in the manuscript for the reviewers to see, but reviewers do not know each other's identities, nor do the authors receive information about who has reviewed their manuscript.