

# Call for Papers

## The 29th Australasian Joint Conference on Artificial Intelligence (AI'16) Hobart, Tasmania, Australia, 5-9 December, 2016 [www.ai2016.net](http://www.ai2016.net)

The AI 2016: 29th Australasian Joint Conference on Artificial Intelligence will be held on the 5th – 9th December 2016 in Hobart, Tasmania, and will be hosted by University of Tasmania. The Australasian Joint Conference on Artificial Intelligence is an annual conference that aims to bring together researchers, practitioners, educators, and users working in the area of Artificial Intelligence and related communities for in-depth intellectual exchanges, research cooperation and professional development. The Program Committee invites technical papers on substantial, original, and unpublished research in all aspects of Artificial Intelligence.

### TOPICS OF INTEREST

You are invited to submit original research and application papers on all aspects of AI research, including but not limited to the following:

- Agent-based and Multiagent systems
- AI applications and innovations
- Big data capture, representation, and analytics
- Cognitive modeling and computer human interaction
- Commonsense reasoning
- Computer vision
- Constraint satisfaction, search, and optimisation
- Data mining and knowledge discovery
- Education and tutoring systems
- Evolutionary computation
- Game playing and interactive entertainment
- Information retrieval, integration, and extraction
- Knowledge acquisition and ontologies
- Knowledge maintenance
- Knowledge representation and reasoning
- Linked open data
- Machine learning
- Model-based systems
- Multidisciplinary AI
- Natural language processing
- Planning and scheduling
- Uncertainty in AI
- Robotics
- Social Intelligence
- Semantic Web
- Text/Web/Internet Mining

### IMPORTANT DATES

- Submission Due: Jul.10 2016
- Notification: Sep.2 2016
- Camera-Ready: Sep.16 2016
- Early Registration: Oct.31 2016
- Doctoral Consortium: Dec.5 2016
- Workshops and tutorials: Dec.5 2016
- Conference: Dec.7~9 2016

### STUDENT SCHOLARSHIP

We are pleased to announce that there will be student scholarships for AI 2016 student participants.

### DOCTORAL CONSORTIUM

Doctoral candidates are invited to apply for the half-day doctoral consortium, which will run prior to the conference and include career development activities, micro-presentations and opportunities for networking with your fellow PhD candidates. Applicants must submit a two-page abstract on their recent work, and will be eligible for scholarships covering conference registration or accommodation.

- Doctoral consortium abstract submission (round 1): 10 July 2016
- Doctoral consortium abstract submission (round 2): 10 October 2016
- Doctoral consortium webpage: <https://ai2016.net/doctoral-consortium/>

### Workshop

The conference organisers invite proposals for workshops to be held on 6 December 2016 at the same venue immediately prior to the main conference. The aim of the workshop program is to provide an opportunity for the discussion of new and emerging topics, applications, and on broader topics that is of interest to the broader AI community and industry. Note that the workshop participants need to pay a workshop registration fee to cover costs. Workshop attendees do not need to register for the main AI conference, but are encouraged to do so.

- Event Date: 5 Dec 2016
- Proposal deadline: 15 June 2016
- Workshop webpage: <https://ai2016.net/workshops-tutorials/>

### PROGRAM CHAIRS

- A/Prof. Byeong Ho Kang, University of Tasmania, Australia
- Dr. Quan Bai, Auckland University of Technology, New Zealand

