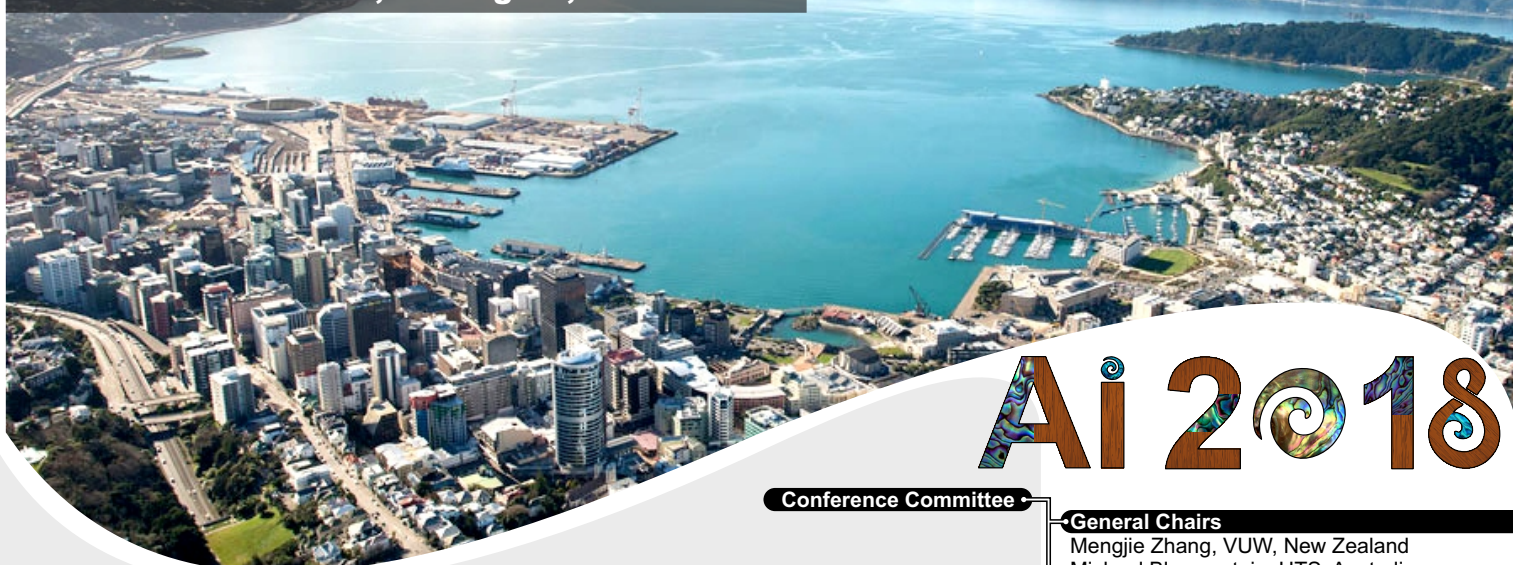


The 31st Australasian Joint Conference on

Artificial Intelligence

11–14 December 2018, Wellington, New Zealand



Ai 2018

Conference Committee

Aims and Scope

The Australasian Joint Conference on Artificial Intelligence is an annual conference that has dedicated to fostering research communication and collaboration among Australasian AI community since inception. The 31st Australasian Joint Conference on Artificial Intelligence will be hosted by Victoria University of Wellington, New Zealand in December 2018. The Program Committee invite prospective authors to submit original and previously unpublished research and application papers in all spectrums of Artificial Intelligence.

Prospective authors are invited to submit their original unpublished work to AI 2018. The topics of interest to this conference include but are not limited to the following:

- Agent-based and multiagent systems
- AI applications and innovations
- Cognitive modeling and computer human interaction
- Big data capture, representation and analytics
- Commonsense reasoning
- Computer vision and image processing
- Constraint satisfaction, search and optimization
- Data mining and knowledge discovery
- Evolutionary computation and learning
- Fuzzy systems
- Neural networks
- Game playing and interactive entertainment
- Intelligent education and tutoring systems
- Knowledge acquisition and ontologies
- Knowledge representation and reasoning
- Machine learning and applications
- Multidisciplinary AI
- Natural language processing
- Planning and scheduling, combinatorial optimisation
- Uncertainty in AI
- Visualisation in AI
- Robotics
- Game theory
- Text mining and Web/social media mining

We encourage cross-boundary works contributing to theory and practice of AI. Novel application domains including cyber security, healthcare, IoT, social media and big data real-world applications are highly welcome. Submitted papers should not exceed 12 pages and should not be under review or submitted for publication elsewhere during the review period. All papers will be peer reviewed by at least three independent referees.

All papers accepted and presented at AI 2018 will be included in the conference proceedings published by the Springer Lecture Notes in Computer Science or in Artificial Intelligence, which are typically indexed by **Engineering Index** (Compendex), **ISI Proceedings/ISTP**, and **DBLP**. At least Euro 1000 available for several best paper and best student paper awards.

Important Dates

1 July 2018 -- 19 August 2018 -- 14 September 2018 -- 31 October 2018 -- 11–14 December 2018

Submissions Due

Notifications

Camera-ready

Early Registration

Conference



Find Us At

<http://ecs.victoria.ac.nz/Events/AI2018/>

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