



University of  
South Australia

CALL FOR PAPERS  
23<sup>rd</sup> Australasian Joint Conference on Artificial Intelligence  
AI 2010 – Adelaide, South Australia  
7 - 10 Dec 2010  
<http://ai10.cis.unisa.edu.au>



Australasian Joint Conference on Artificial Intelligence Conference is the premier event for Artificial intelligence researchers in Australasia. It covers a wide range of topics in Artificial Intelligence and related area. AI 2010 will be held in Adelaide between 7 to 10 December 2010, hosted by University of South Australia.

Prospective authors are invited to submit original research and application papers in any area of Artificial Intelligence. The conference topics include, but are not limited to, the following:

- \* AI Applications
- \* AI Architectures
- \* Agents
- \* Artificial Life
- \* Automated Reasoning
- \* Bayesian Networks
- \* Belief Revision and Update
- \* Case-Based Reasoning
- \* Cognitive Modelling
- \* Cognitive Robotics
- \* Computer Vision
- \* Computer-Aided Education
- \* Conceptual Graphs
- \* Constraint Satisfaction
- \* Creativity Support
- \* Cyberspace Intelligence
- \* Data Mining
- \* Data Quality Management
- \* Decision Theory
- \* Distributed Intelligence
- \* E-Commerce and AI
- \* Entertainment and AI
- \* Environment Sensing / Understanding
- \* Evolutionary Computing
- \* Expert Systems
- \* Grammar and Language Processing
- \* Human Computer Interaction
- \* Industrial Applications of AI
- \* Information Enhancement
- \* Information Retrieval
- \* Intelligent Agents
- \* Intelligent Data Analysis
- \* Intelligent Databases
- \* Intelligent E-Mail Processing
- \* Internet/ WWW Intelligence
- \* Knowledge Acquisition/Discovery
- \* Knowledge Engineering
- \* Knowledge Representation
- \* Language Understanding/ Generation
- \* Life-like Characters
- \* Logics (Inductive / Descriptive / Fuzzy, Etc.)
- \* Machine Learning
- \* Machine Translation
- \* Mobile / Wearable Intelligence
- \* Mobile Agents
- \* Multimedia and AI
- \* Multiple Data Source Mining
- \* Natural Language Processing
- \* Neural Networks
- \* Qualitative Reasoning
- \* Reasoning About Actions and Change
- \* Reasoning With Analogy
- \* Reinforcement Learning
- \* Scientific Discovery
- \* Semantic Web
- \* Social Intelligence
- \* Soft Computing
- \* Statistical Learning
- \* Swarm Intelligence
- \* Vision and Image Processing

All accepted papers submitted to the AI'10 Conference will be published by Springer-Verlag in the Lecture Notes in Artificial Intelligence (LNAI) series. Articles should be limited to 10 pages (including figures, tables and references) and formatted according to the template provided. For more details, please refer to Instructions for Authors available at the Conference website. All papers will be peer reviewed by at least three independent referees.

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**IMPORTANT DATES**

Full paper submission:  
21 June, 2010

Author notification:  
25 August, 2010

Deadline for camera-ready copies:  
12 September, 2010

Author and early bird registration:  
12 September, 2010

