

CALL FOR PAPERS

The Australasian Ontology Workshop (AOW 2006)

<http://www.comp.mq.edu.au/conferences/aow>

December 4 or 5, 2006, Hobart, Tasmania, Australia

In Conjunction with the 19th Australian Joint Conference on Artificial Intelligence

<http://www.comp.utas.edu.au/ai06/>

WORKSHOP ORGANISERS

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PROGRAM COMMITTEE

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Australia)

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PAPER SUBMISSION

Details are available via
the workshop website

IMPORTANT DATES

Full paper submission due:
8 September 2006
(Extended)

Notification of acceptance:
22 September 2006

Camera-ready copy due:
6 October 2006

Workshop date:
4 or 5 December 2006

Advances in Ontologies: The use of formal ontologies in knowledge systems has many advantages. It allows for an unambiguous specification of the structure of knowledge in a domain, enables knowledge sharing and, as a result, makes it possible to perform automated reasoning about ontologies. In recent years there has been a worldwide increase in the use of ontologies, both in industry and in research laboratories. There is a growing community of researchers in Australia and New Zealand, working on various aspects of ontologies. The primary aim of this workshop is to bring together ontology researchers in the region.

Workshop Goals:

- to bring together the growing Ontology research community in Australia and New Zealand and encourage interaction;
- to encourage interaction between this community and the international Ontology community;
- to foster interaction between academic and industrial researchers;
- to encourage dissemination of research results;
- to provide a forum for the discussion of new and ongoing research and projects;
- to provide an opportunity for the broader artificial intelligence community to become aware of local Ontology research;
- to increase the visibility of Ontology research in Australia, New Zealand and overseas.

Topics:

The workshop will seek submission of papers on original and unpublished research on all aspects of ontology research, including, but not limited to:

- interoperability in ontologies;
- multi-agent systems and ontologies;
- ontologies and the semantic web;
- description logics for ontologies;
- reasoning with ontologies;
- ontology harvesting on the web;
- ontology of agents and actions;
- ontology visualisation;
- ontology engineering and management;
- ontology merging, alignment and integration;
- ontology-based information extraction and retrieval
- web ontology languages;
- formal concept analysis and ontologies.

Paper Submission:

An electronic copy in PDF format in English should be submitted to the workshop website <http://www.easychair.org/AOW06/> by 1 September 2006 with detailed information of author(s). Full papers should be a maximum of 10 pages in length in double column format as per author instructions posted on the CRPIT website <http://crpit.com/Authors.html>. The Proceedings of AOW05 was published by the Australian Computer Society in [Volume 58](#) of the Conferences in Research and Practice in Information Technology (CRPIT) series (<http://crpit.com/Vol58.html>). The proceedings of AOW06 will also be published in Volume 72 of the CRPIT Series (<http://crpit.com/VolumeIndexU.html#Vol72>) with an ISBN as well as an ISSN. Authors will be notified of acceptance by September 22, 2006. The camera-ready papers will be due on 6 October 2006. At least one author of every accepted paper should register for the workshop.

Journal Special Issue:

The authors of selected papers from the Workshop will also be invited to submit longer, extended versions of their papers to a Special Issue on Advances in Ontologies of [Expert Systems: The Journal of Knowledge Engineering](#) published by Blackwell's. The special issue will seek submissions of papers dealing with all aspects of ontology research, including the theoretical foundations, design, implementation and prototype development issues, ontologies in multi-agent systems and the Semantic Web, comparative studies, and applications, as well as those describing new challenges arising out of applications. Each paper will go through a rigorous review process. The special issue is scheduled to appear in late 2007. Further details including paper submission and important dates are available from http://www.comp.mq.edu.au/conferences/aow/EXSY_CFP.html.