

Special Issue on Logics for Intelligent Agents and Multi-Agent Systems

Journal of Applied Logic (by Elsevier)

This special issue of *Journal of Applied Logic (by Elsevier)* on the theme of Logics for Intelligent Agents and Multi-Agent Systems is primarily intended for revised and substantially extended versions of selected papers presented at the *Workshop on Logics for Intelligent Agents and Multi-Agent Systems (WLIAMAS 2008)*.

WLIAMAS 2008 is one of the workshops forming an integral part of the program of *The 2008 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT'08)* to be held in Sydney, Australia during December 9-12, 2008. This workshop in particular aims at bringing together researchers from the fields of modal logics, theoretical computer science and multi-agent systems as well as researchers who are interested in building agent-based systems that could draw inspiration from various forms of modal logics. Therefore, at this workshop, we expect to create a lively discussion and exchange medium for developers and practitioners of agent-based systems and researchers who are interested in formal models of agency.

Further details about WLIAMAS 2008 are available from <http://www.comp.mq.edu.au/conferences/wliamas08/>.

Topics of Interest: Possible topics for the special issue include:

- logics for multi-agent systems
- formal methods for verification of multi-agent systems
- formal approaches to communication, coordination and negotiation
- security, privacy and trust issues in multi-agent systems
- resource-bounded reasoning in agent-based systems
- models for context-awareness and mobility
- decision formation / automation in multi-agent environments
- models for dynamic agent-based systems

Paper submission: The authors of selected papers from WLIAMAS 2008 will be invited to prepare extended and revised versions of their papers at the end of the workshop. The authors should include a brief statement in their submission to indicate the way in which the article differs from their workshop paper and especially comment on the additional original content and contributions.

A prospective author is responsible for adhering to the *Journal of Applied Logic* submission guidelines which can be accessed from: http://www.elsevier.com/wps/find/journaldescription.cws_home/672712/authorinstructions. Please read these thoroughly before submitting a manuscript. Each paper will go through a rigorous review process.

Important Dates:

Submission Deadline: **February 28, 2009**

Completion of First-Round Reviews: **May 31, 2009**

Revised Papers Due: **June 30, 2009**

Publication Materials Due: **July 31, 2009**

Publication: **Late 2009**

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