



OPEN Post-Proceedings: Call for Papers Declarative Agent Languages and Technologies, DALT 2005 (3rd International Workshop)

URL: <http://www.doc.ic.ac.uk/~ue/DALT-2005/>

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The authors of the **papers accepted** at DALT 2005 are invited to submit a revised version of their paper, to be considered for the workshop post-proceedings. All the papers will undergo a second reviewing process, aimed at verifying that the improvements suggested by the reviewers have been followed. To this aim a letter explaining the main changes with respect to the submission should be sent.

In addition, a few and selected **papers not presented** at DALT 2005 **will be considered for publishing**. For this reason we invite other researchers to submit their work. These papers will undergo a stricter reviewing process.

“Declarative Agent Languages and Technologies”, in its third edition this year, is a well-established venue for researchers interested in sharing their experiences in declarative and formal aspects of agents and multi-agent systems, on the one hand, and in engineering and technology on the other. Today it is still a challenge to develop technologies that can satisfy the requirements of complex agent systems. Importantly, building multi-agent systems still calls for models and technologies that ensure predictability, enable feature discovery, allow the verification of properties, and guarantee flexibility. Declarative approaches are potentially a valuable means for satisfying the needs of multi-agent systems developers and for specifying multi-agent systems.

DALT topics of interest include, but are not limited to:

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| • Declarative agent communication and coordination languages | • Computational logics in multi-agent systems |
| • Declarative approaches to the engineering of agent systems | • Model Checking MAS |
| • Experimental studies of declarative technologies | • Declarative description of contracts and negotiation issues |
| • Industrial and commercial experiences with declarative agent technologies | • Lessons learned from the design and implementation of agent systems |
| • Formal methods for the specification and verification of agent systems | • Declarative paradigms for the combination of heterogeneous agents |
| • Distributed constraint satisfaction and constraint reasoning in agents | • Constraints and agent systems |
| • Multi-criteria optimisation and distributed problem solving with constraints | • Declarative policies and security in MAS |
| | • Knowledge-based and knowledge-intensive MAS |
| | • Modeling of agent rationality |

Important dates

Submission:

October 29th, 2005

Notification of acceptance:

November 30th, 2005

Final version:

December 20th, 2005

Expected publication by Springer:

sometimes in 2006

Proceedings

Like DALT 2003 and DALT 2004, the post-proceedings will be published by Springer as a volume of the **Lecture Notes on Artificial Intelligence (LNAI)** series.

Submission instructions

Papers should be written in English, formatted according to the Springer LNCS/LNAI style, do not exceed 16 pages. Please, send a PDF or postscript file to paolo.torroni@unibo.it