

## **Eight International Bi-Conference Workshop on Agent-Oriented Information Systems (AOIS-2006), May 9 2006**

**In Conjunction with AAMAS2006, May 8-12, Hakotade, Japan**

**!! Submission Deadlines have been extended !!**

### **CALL FOR PAPERS**

Agent concepts hold great promise for responding to the new realities of active information systems. They offer higher level abstractions and mechanisms which address issues such as knowledge representation and reasoning, communication, coordination, cooperation among heterogeneous and autonomous parties, perception, commitments, goals, beliefs, intentions, etc. On the one hand, the concrete implementation of these concepts can lead to advanced functionalities, e.g., in inference-based query answering, transaction control, adaptive workflows, brokering and integration of disparate information sources, and automated communication processes. On the other hand, their rich representational capabilities allow more faithful and flexible treatments of complex organizational processes, leading to more effective requirements analysis and architectural and detailed design. The workshop will focus on how agent concepts and techniques will contribute to meeting information systems needs of the present and the future .

The workshop encourages submissions on all topics related to AOIS, including (but not limited to) the following:

- \* agent-oriented modeling and design methods
- \* models and architectures for agent-oriented/active information systems
- \* novel information system technologies based on software agents
- \* agent-based requirements engineering
- \* agents and knowledge management
- \* agent-oriented approaches to data integration
- \* agent-based workflow modeling
- \* agent orientation and e-services
- \* agent orientation in web information systems
- \* agent-oriented enterprise and business process modeling
- \* agent communication languages for business communication
- \* ontologies and agents
- \* managing trust and reputation
- \* automated business-to-business interaction (including negotiation and contracting)
- \* agent orientation and human computer interaction

Papers should be limited to approximately 5000-6000 words or 8 pages – please use the ACM format (<http://www.acm.org/sigs/pubs/proceed/template.html> ). Due date is 1

February 2006. Notification of intention to submit should be received by 25 January 2006. Authors will be advised regarding acceptability of their papers by February 19 2006. Final versions of accepted papers will be due by approximately March 5 2006. The workshop will be on May 9 as part of the AAMAS conference in Hakodate in Japan.

Paper submission is by emailing a PDF file to [aois06@isys.ucl.ac.be](mailto:aois06@isys.ucl.ac.be). In addition, we ask authors to notify the workshop organizers of their intention to submit by emailing a title, list of authors, and an abstract to [aois06@isys.ucl.ac.be](mailto:aois06@isys.ucl.ac.be). The deadline for receiving papers is 11:59pm GMT, 1<sup>st</sup> February. Notification of intention to submit should be received by 11:59pm GMT, 25th January.

Workshop notes (copies of all accepted papers) will be made available to workshop participants. Following the conference, we intend to publish a post-proceedings for AOIS 2006 in the Springer LNCS series. [Similar post-proceedings for previous AOIS events are available in the LNCS series.]. For these post-proceedings, authors will be invited to extend their papers, which will be re-reviewed for the LNCS publication.

#### *Important Dates*

Abstract, title, and authors due: 25 January 2006

Paper submission due: 1 February 2006

Notification of Acceptance: 19 February 2006

### **ORGANIZING COMMITTEE**

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