

**8th International Bi-Conference Workshop on
Agent-Oriented Information Systems
(AOIS-2006)**

to be held in conjunction with the

**18th Conference on Advanced Information Systems Engineering
(CAiSE'06)**

June 5th 2006, Luxembourg

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 and goal oriented 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
- * integrating security into agent oriented software engineering
- * managing trust and reputation
- * automated business-to-business interaction (including negotiation and contracting)
- * agent orientation and human computer interaction
- * agent oriented software engineering for pervasive computing systems

Paper Submission

Submissions must conform to Springer's LNCS format and should not exceed 12 pages (including all text, figures, references and appendices). Submissions which are not conform to the LNCS format and/or which do exceed 12 pages will be rejected without review.

Information about Springer LNCS format can be found at <http://www.springer.de/comp/lncs/authors.html>

Interested authors are asked to notify in advance the workshop organizers of their intention to submit by emailing a title, list of authors, a contact address, and an abstract, to aois@itc.it (Please enter "*Intention to Submit at AOIS@CAISE*" + title in the subject field). Paper submission is by emailing a PDF file to aois@itc.it (please enter "*Submission for AOIS@CAISE*" + title in the subject field).

Proceedings

Workshop proceedings (all accepted papers), in a printed volume with ISBN number, will be distributed to all the workshop participants. Moreover, we intend to publish 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 of selected papers among those presented at the workshop will be invited to re-submit an extended version for further review before acceptance for the LNCS publication.

Important Dates

Abstract, title, and authors due: 6th of February 2006 (23:59 GMT)

Paper submission due: **11th of February 2006** (23:59 GMT)

Notification of Acceptance: 22nd of March 2006

Camera Ready submission: **6th April 2006** (23:59 GMT)

ORGANIZING COMMITTEE

Co-Chairs:

Paolo Bresciani

Institute for Scientific and Technological Research (IRST), Trento, Italy

Email: bresciani@itc.it

Web page: <http://sra.itc.it/people/bresciani>

Brian Henderson-Sellers (Primary Workshop Contact)

Faculty of Information Technology, University of Technology, Sydney

P.O. Box 123, Broadway, NSW 2007, Australia,

Phone: +61 2 9514 1687

Fax: +61 2 9514 4535

Email: brian@it.uts.edu.au

Web page: <http://www-staff.it.uts.edu.au/~brian>

Haralambos Mouratidis

School of Computing and Technology, University of East London, England

Email: H.Mouratidis@uel.ac.uk

Web page: <http://homepages.uel.ac.uk/H.Mouratidis>

Steering Committee

Yves Lesperance, York University, Canada

Gerd Wagner, Eindhoven University of Technology, The Netherlands

Eric Yu, University of Toronto, Canada

Paolo Giorgini, University of Trento, Italy

PRELIMINARY PROGRAM COMMITTEE

C. Bernon (University Paul Sabatier, Toulouse, France)
B. Blake (Georgetown University Washington, DC, USA)
P. Bresciani (ITC-irst, Italy)
J. Castro (Federal University of Pernambuco, Brazil)
L. Cernuzzi (Univ. Católica Nuestra Señora de la Asunción, Paraguay)
M. Cossentino (ICAR-CNR, Palermo, Italy)
L. Cysneiros (York University, Toronto)
J. Debenham (University of Technology, Sydney)
S. DeLoach (Kansas State University, USA)
F. Dignum (Univ. of Utrecht, Netherlands)
P. Donzelli (University of Maryland, College Park, USA)
B. Espinasse (Domaine Universitaire de Saint-Jérôme, France)
S. Faulkner (University of Namur, Belgium)
B.H. Far (U. Calgary, Canada)
I.A. Ferguson (B2B Machines, USA)
A. Garcia (Lancaster University, UK)
C. Ghidini (ITC-irst, Italy)
A.K. Ghose (Univ. of Wollongong, Australia)
M.-P. Gleizes (University Paul Sabatier, Toulouse, France)
C. Gonzalez-Perez (University of Technology, Sydney, Australia)
G. Guizzardi (University of Twente, The Netherlands)
I. Hawryszkiewicz (University of Technology, Sydney, Australia)
B. Henderson-Sellers (University of Technology, Sydney, Australia)
C. Iglesias (Technical University of Madrid, Spain)
M. Kolp (Université catholique de Louvain, Belgium)
D.E. O'Leary (Univ. of Southern California, USA)
C. Li (University of Technology, Sydney, Australia)
C. Lucena (PUC Rio, Brazil)
G. Low (UNSW, Australia)
Ph. Massonet (CETIC, Belgium)
H. Mouratidis (University of East London, UK)
J.P. Mueller (Siemens, Germany)
J. Pavón (Universidad Complutense Madrid, Spain)
O. F. Rana (Cardiff University, UK)
O. Shehory (IBM Haifa Labs, Israel)
N. Szirbik (Technische Universiteit Eindhoven, The Netherlands)
K. Taveter (VTT Information Technology, Finland/Univ. Melbourne, Australia)
N. Tran (UNSW, Australia)
V. Torres da Silva (PUC Rio, Brazil)
M. Winikoff (RMIT, Australia)
C. Woo (Univ. British Columbia, Canada)
B. Yu (North Carolina State University, USA)
A. Zeid (American University of Cairo, Egypt)
Z. Zhang (Deakin University, Australia)