

# The 4<sup>th</sup> International Workshop on Agent-Oriented Software Development Methodology (AOSDM'08)

(<http://cms.brookes.ac.uk/staff/HongZhu/AOSDM2008/>)

Online submission AOSDM 2008 <http://www.easychair.org/conferences/?conf=aosdm2008>

## At 2008 SIWN Congress

Glasgow, UK, 22-24 July 2008 (<http://siwn.org.uk/2008/>)

Agent-orientation has been regarded as a promising approach to meet challenges for developing more and more complicated software to operate in open and dynamic environments. The recent years have seen a rapid growth of research in agent oriented methodologies. A number of different approaches have been proposed and advanced in the literature. AOSDM 2008 workshop aims to attract participants from communities of agent-oriented software development and methodologies.

AOSDM 2008 is the fourth in the series since its inception in 2005. The preceding events have received great responses from researchers and practitioners. It provides an international forum to discuss results and exchange ideas and visions. This year, it will be held in Glasgow, UK, 22-24 July 2008 as a part of the 2008 Systemics and Informatics World Congress (SIWN 2008).

### TOPICS

Topics of interest cover all aspects of agent-oriented software development, including but not limited to the following.

- *Conceptual models and meta-models* to systematically define the concepts and notions underlying agent and multi-agent systems and their interrelationships.
- *Methods and techniques* for various activities in the development, maintenance and evolution of multi-agent systems.
- *Languages and tools* for modelling, specification and programming and agent communication, etc.
- *Lifecycles and process models* of the artefacts, activities, roles, resources, constraints, temporal relations etc. in agent-oriented software development, maintenance, and evolution.
- *Platforms and computation environments* of agent-oriented software, especially the link between agent platform to the internet and web-based computing, such as service-oriented computing, web services, grid middleware, peer-to-peer systems, autonomous and adaptive computing, ubiquitous computing, sensor networks, etc.
- *Applications, experiences & empirical studies* in the development of various kinds of multi-agent systems in all types of applications.

### SUBMISSION OF PAPERS

Original papers not being published or submitted for formal publications, such as in journals, other conferences or book chapters, etc., will be considered. Page limit is 5 pages. Please see workshop website for details about the format of manuscripts.

One *Best Student Paper Award* will be selected from the accepted papers that the first author is a student and presented during the workshop.

### WORKSHOP PROCEEDINGS

Accepted papers will be published in the workshop proceedings as a special issue of the in the international journal System and Information Sciences Notes.

### IMPORTANT DATES

- 11 Apr. 2008:** Deadline of Submission
- 27 Apr. 2008:** Notification of Provisional Acceptance
- 19 May 2008:** Deadline of Revised Paper
- 24 May 2008:** Final Acceptance by SISN Journal
- 08 Jun. 2008:** Camera-Ready Version & Registration

### WORKSHOP ORGANISERS

*Professor Hong Zhu*

School of Technology, Oxford Brookes University,  
Oxford OX33 1HX, UK, Email: [hzhu@brookes.ac.uk](mailto:hzhu@brookes.ac.uk)

*Professor Huaglory Tianfield*

School of Engineering and Computing  
Glasgow Caledonian University  
70 Cowcaddens Road, Glasgow, G4 0BA, UK  
E-mail: [h.tianfield@gcal.ac.uk](mailto:h.tianfield@gcal.ac.uk)

*Professor Hongji Yang*

Software Tech. Research Lab., School of Computing,  
De Montfort University, Leicester, LE1 9BH, UK  
Email: [hyang@dmu.ac.uk](mailto:hyang@dmu.ac.uk)

### PROGRAMME COMMITTEE

- *Arantza Aldea*, Oxford Brookes University, UK
- *Azzelarabe Taleb-Bendiab*, Liverpool John Moores Univ., UK
- *Michael Berger*, Siemens Corporate Technology, Germany
- *Andrea Capiluppi*, University of Lincoln, UK
- *Massimo Cossentino*, Italian Nat. Research Council, Italy
- *Giuseppe A. Di Lucca*, University of Sannio, Italy
- *Desmond Greer*, Queen's University Belfast, UK
- *Xudong He*, Florida Intl. University, USA
- *Zhi Jin*, Academy of Mathematics & Systems Sci., China
- *M.Younas*, Oxford Brookes University, UK
- *Xinjun Mao*, National Univ. of Def. Technology, China
- *Carlos José Pereira de Lucena*, Pontifical Catholic University of Rio de Janeiro, Brazil
- *Jianjun Zhao*, Shanghai Jiaotong University, China