

CALL FOR PAPERS

Expert Systems: The Journal of Knowledge Engineering Special Issue on Engineering Semantic Agent Systems

The IEEE International Workshop Series on Engineering Semantic Agent Systems (ESAS) has been held since 2006 in conjunction with Annual IEEE International Computer Software and Applications Conferences (COMPSAC). Beginning 2006, COMPSAC is designated as the IEEE Computer Society Signature Conference on Software Technology and Applications. ESAS Workshop Series has two complementary objectives:

- i. To inquire into the theory and practice of engineering semantic multi-agent systems (MAS), especially methods, means and best cases.
- ii. To explore into unifying software engineering methodologies employed in implementing semantic MAS applications across domains.

Semantic web technologies render dynamic, heterogeneous, distributed, shared content equally accessible to human reader and software agents. Here the vision is to achieve a synergy with MAS technologies that other workshops have so far missed, whereby both semantics and agents will be in the center stage. ESAS Workshop Series aims at garnering the synergy of both technologies by taking up both the semantic web and the agent aspects of the common research issue. ESAS Workshops have been very successful in attracting high quality submissions and they have become a focus of attention for researchers and practitioners of semantic software agents, mobile agents, MAS and semantic web technologies.

Topics of Interest: Topics span a wide spectrum of both theory and practice in autonomous semantic agents, context-aware intelligent agents, agents as semantic web services, software agents, mobile agents, agent architectures, multi-agent systems, agent communities, cooperation and goal seeking through sharing policy and ontology, safety & security in systems, other QoS issues, and so on.

Paper submission: This special issue of Expert Systems is primarily intended for revised and substantially extended versions of selected papers presented at ESAS 2007 and ESAS 2008. Additionally, this CFP is open to all potential authors. Submitted articles must not have been previously published or currently submitted for journal publication elsewhere. The authors should include a brief statement in their submission to indicate the way in which the article differs from their workshop papers and especially comment on the additional original content and contributions.

A prospective author is responsible for understanding and adhering to the submission guidelines which can be accessed from: <http://www.blackwellpublishing.com/submit.asp?ref=0266-4720>. Please thoroughly read these before submitting a manuscript. Each paper will go through a rigorous review process.

Interested authors should submit digital copies (PDF preferred) of their papers, including all tables, diagrams, and illustrations, to all the Guest Editors by email.

Important Dates:

Submission Deadline: **September 30, 2008**
 Completion of First-Round Reviews: **January 31, 2009**
 Revised Papers: **March 15, 2009**
 Publication Materials Due: **April 30, 2009**
 Publication: **late 2009**

Contact Details: Please address all correspondence regarding this special issue to the Guest Editors:

<p>Dr. Atilla Elçi Internet Technology Research Center Department of Computer Engineering Eastern Mediterranean University Famagusta, Northern Cyprus, Turkey Email: Atilla.Elci@EMU.edu.tr</p>	<p>Dr. Mamadou Tadiou Kone Dept. of Computer Science, Faculty of Science and Engineering Laval University, Québec (Québec) G1K 7P4, Canada Email: Kone.Mamadou@ift.ulaval.ca</p>	<p>Dr. Mehmet A. Orgun Intelligent Systems Group (ISG) Department of Computing Macquarie University, Sydney NSW 2109, Australia Email: Mehmet.Orgun@mq.edu.au</p>
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Contributors are also welcome to contact the Editors of Expert Systems for further information:

<p>Dr. Lucia Rapanotti Computing Department, The Open University, Walton Hall, Milton Keynes, MK7 6AA, U.K. Phone: +44 (0)1908 654125 Email: l.rapanotti@open.ac.uk</p>	<p>Dr. Jon G. Hall Department of Computing The Open University Milton Keynes MK7 6AA Email: http://mcs.open.ac.uk/jgh23</p>
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