

First call for papers  
**EUMAS-2013**  
**11th European Workshop on Multi-Agent Systems**  
12-13 December 2013, Toulouse, France  
<http://www.irit.fr/EUMAS2013/>

In the last two decades, we have seen a significant increase of interest in agent-based computing. This field is now set to become one of the key technologies in the 21st century. It is crucial that both academics and industrialists within Europe have access to a forum at which current research and application issues are presented and discussed. Following in the tradition of past EUMAS (Oxford 2003, Barcelona 2004, Brussels 2005, Lisbon 2006, Hammamet 2007, Bath 2008, Agia Napa 2009, Paris 2010, Maastricht 2011, Dublin 2012), the aim of this Eleventh European Workshop on Multi-Agent Systems is to encourage and support activity in the research and development of multi-agent systems, in academic and industrial efforts. This workshop is primarily intended as a European forum at which researchers, and those interested in activities relating to research in the area of autonomous agents and multi-agent systems, could meet, present (potentially preliminary) research results, problems, and issues in an open and informal but academic environment. The scope of the event is defined as the scope of the International Journal on Autonomous Agents & Multi-agent Systems (JAAMAS), the International Conference on Autonomous Agents & Multi-agent Systems (AAMAS), and the European Association for Multiagent Systems (EURAMAS).

#### TOPICS OF INTEREST

Topics include but are not limited to:

Action and Planning, Adaptation and Learning, Agent Architectures, Agent Programming Languages, Agents and Complex Systems, Agent Based Simulation, Ambient Intelligence Applications, Argumentation, Autonomy, Bio-inspired Approaches to Agents and Multi-Agent Systems, Cognitive Models, Collective and Swarm Intelligence, Collective Intentionality, Communication, Competition, Complexity, Cooperation, Coordination, E-\*Applications, Economic Models, Emergence, Emotion, Formal Models, Game Theoretic Models, Grid Computing, Logics for Multi-Agent Systems, Methodologies, Negotiation, Organisations and Institutions, Proactivity and Reactivity, Protocols, Robotics, Self-organisation, Semantic Web Agents, Agent-based Service Oriented Computing, Socio-technical Systems, Agent-oriented Software Engineering, Standards, Teamwork, Theories of Agency, Tools, Trust and Reputation, Ubiquitous Computing, Verification, Virtual Agents.

#### SPECIAL SESSION OF LAMAS (LOGICAL ASPECTS OF MULTI-AGENT SYSTEMS)

The sixth LAMAS workshop (Logical Aspects of Multi-Agent Systems) will be colocated with EUMAS-2013, as a special session. (See

<http://icr.uni.lu/lamas2012/cfp.html> for the previous edition of the LAMAS workshop). The submission of papers to the LAMAS special session is subject to the same requirements as the submission of papers to the EUMAS-2013 normal track. Topics of interest for the LAMAS special session include but are not limited to:

- Logical systems for specification, analysis, and reasoning about MAS,
- Modeling MAS with logic-based models,
- Deductive systems and decision procedures for logics for MAS,
- Development, complexity analysis, and implementation of algorithmic methods for formal verification of MAS,
- Logic-based tools for MAS,
- Applications of logics in MAS.

#### SUBMISSION, CEUR PROCEEDINGS AND POST-PROCEEDINGS VOLUME

EUMAS-2013 welcomes both unpublished papers and papers that are under submission or have been published in a relevant conference, workshop or journal. We specially invite submissions by students that we think will receive valuable feedback from the the discussion-oriented focus of the workshop. Preliminary student work is welcome; however it has to possess sufficient substance for serving as a discussion basis and therefore has to pass the review cycle in the same way as other work. All submissions should be formatted using Springer LNCS style which is available at <http://www.springer.de/comp/lncs/authors.html>.

EUMAS-2013 solicits papers in two categories:

- Full research papers of 8 to 14 pages.
- Extended abstracts of 2 to 4 pages reporting an interesting work in progress or providing system descriptions.

We request the submission of title and abstract prior the paper submission for supporting the tight schedule of reviewing. The authors can submit their abstracts and papers through the EUMAS 2013 Easychair submission site: <https://www.easychair.org/conferences/?conf=eumas2013>

Full papers accepted at EUMAS-2013 that are not under submission and have not been previously published in a different conference, workshop or journal will be included in the CEUR workshop proceedings.

A post-proceedings volume published by Springer in the LNCS/LNAI series is planned based on revised and extended versions of selected papers presented at EUMAS-2013.

#### IMPORTANT DATES

Abstract submission deadline: October 14, 2013  
Paper submission deadline: October 18, 2013  
Notification of acceptance: November 12, 2013  
Camera-ready submission: November 29, 2013  
EUMAS 2013 workshop: December 12-13, 2013

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