15th International Conference on Practical Applications of Agents and Multi-Agent Systems

PAAMS 17
International Conference

Polytechnic of Porto
Porto (Portugal), 21st - 23rd June, 2017

P.PORTO   Cnrs

SCOPE

Research on Agents and Multi-Agent Systems has matured during the last decade and many effective applications of this technology are now deployed. PAAMS provides an international forum to present and discuss the latest scientific developments and their effective applications, to assess the impact of the approach, and to facilitate technology transfer. PAAMS started as a local initiative, but has since grown to become the international yearly platform to present, to discuss, and to disseminate the latest developments and the most important outcomes related to real-world applications. It provides a unique opportunity to bring multi-disciplinary experts, academics and practitioners together to exchange their experience in the development and deployment of Agents and Multi-Agent Systems. PAAMS intends to bring together researchers and developers from industry and the academic world to report on the latest scientific and technical advances on the application of multi-agent systems, to discuss and debate the major issues, and to showcase the latest systems using agent based technology. It will promote a forum for discussion on how agent-based techniques, methods, and tools help system designers to accomplish the mapping between available agent technology and application needs. Other stakeholders should be rewarded with a better understanding of the potential and challenges of the agent-oriented approach.

TOPICS

Special Topic of the 2017 edition:

Cyber-Physical Multi-Agent Systems
Problems
• Agent-based simulation and prediction
• Distributed problem solving
• Agent cooperation and negotiation
• Agent societies and social networks
• Real-time multi-agent systems
• Human agent interaction, user interfaces
• Adaptation, learning and personalization
• Reputation, trust, privacy and security
• Agent engineering and development tools
• Evaluation, ethical and legal issues

Domains
• Information recovery and information systems
• Knowledge management and data intensive systems
• Intelligent control and manufacturing systems
• Embodied agents and autonomous systems
• Multi-robot systems and real world robotics
• Internet softbots and web intelligence
• Virtual agents, animation and games
• Pervasive agents and ambient intelligence
• E-learning and educational systems
• User-centered applications and assisting agents

COMMITTEE

PROGRAM CHAIRS

Yves Demazeau, Centre National de la Recherche Scientifique, France
Paul Davidsson, Malmö University, Sweden

ORGANIZING COMMITTEE

Zita A.Vale, Polytechnic of Porto, Portugal

OPEN CALLS

• **Call for papers:**
  http://www.paams.net/open-calls/call-for-papers
• **Call for Workshops:**
  http://www.paams.net/open-calls/call-for-workshops
• **Call for Special Sessions:**
  http://www.paams.net/open-calls/call-for-special-sessions
• **Call for Grants/Awards:**
  http://www.paams.net/open-calls/call-for-grants-awards
• **Call for demonstrations:**
  http://www.paams.net/open-calls/call-for-demonstration

IBM will award the best Demonstration with 2.000€

IBM

SUBMISSION

Review process

PAAMS welcomes the submission of application papers with preference to the topics listed in the call for papers. All submitted papers will undergo a thorough review process; each paper will be refereed by at least three experts in the field based on
relevance, originality, significance, quality and clarity.

Submitting papers

PAAMS papers must be formatted according to the Springer LNCS Template, with a maximum length of 12 pages in length, including figures and references. All proposed papers must be submitted in electronic form (PDF format) using the Paper Submission Page.

Publication

Accepted papers will be included in PAAMS 2017 Proceedings, published by Springer.

Lecture Notes in Computer Science   Springer
LNCS LNAI LNBI

At least one of the authors will be required to register and attend the symposium to present the paper in order to include the paper in the conference proceedings. All accepted papers will
be published by Springer Verlag.

SPECIAL ISSUES

Special Issue on Journal of Data Science and Analytics

To be completed

DATES

Paper submission deadline	• **30 January 2017**
Acceptance notification	• **13 March 2017**
Final version submission	• **27 March 2017**

CONTACT

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