

Extended deadline for submission 30th September

[Please accept our apologies if you receive multiple copies of this CFP]

THE THIRD EUROPEAN WORKSHOP ON MULTI-AGENT SYSTEMS

Flemish Academic Center for Science and the Arts, Brussels, Belgium

7th and 8th December, 2005

<http://como.vub.ac.be/eumas2005/>

INTRODUCTION

In the last 15 years we have seen a significant increase of interest in agent-oriented technology. This field is now set to become one of the key technologies in the 21st century and will underpin much of the next generation of computing that seeks to address issues in Ambient Intelligence, Pervasive and Ubiquitous Computing, Complex Systems, Grid Computing, Services Oriented Computing, Semantic Web and many other areas. It is therefore crucial that both academics and industrialists within Europe have access to a forum at which current research and application issues are presented and discussed.

The aim of this third 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 European efforts.

TOPICS OF INTEREST

Multi-agent systems are computational systems in which agents cooperate or compete with others to achieve some collective task. Topics of interest for the workshop therefore include, but are not limited to:

Research axis

- Action and Planning ,
- Adaptation and Learning,
- Agents and Complex Systems,
- Agent Models and Architectures,
- Agent Oriented Software Engineering
- Agent Platforms
- Agent Programming Languages
- Artificial social systems:
conventions, norms, institutions; trust and
reputation; fraud
- Autonomy
- Cognitive Models
- Communication, protocols
- Coalitions
- Cooperation
- Coordination
- Development Tools
- E-Institutions
- Emotion
- Environment of MAS

- Models: logical, economic, game theory,..
- Multi-agent simulation and modelling
- Negotiation and argumentation
- Ontologies
- Reactivity, Proactivity
- Robotics
- Standards
- Self-organising systems and emergent organisations
- Theories of Agency

MAS dedicated to: Ambient Intelligence, Grid Computing, Pervasive Computing, Ubiquitous Computing, P2P Computing, Semantic Web, Web Services

MAS Applications: Computational biology, E-commerce, E-government, Healthcare, Supply chaining, Traffic management...

PROGRAM CHAIR

Marie-Pierre Gleizes, IRIT, Université Paul Sabatier, Toulouse, France

PROGRAM CO-CHAIRS

Gal Kaminka, Computer Science Department, Bar Ilan University, Israel

Sascha Ossowski, Universidad Rey Juan Carlos, Madrid, Spain

LOCAL CHAIRS

Ann Nowe, VUB, Vrije Universiteit Brussel

Karl Tuyls, uHasselt, Universiteit Hasselt

Katja Verbeeck, VUB, Vrije Universiteit Brussel

ADVISORY BOARD

Vincent Chevrier, LORIA, Nancy, France

Paul Davidsson, Blekinge Institute of Technology, Sweden

Boi Faltings, Swiss Federal Institute of Technology, Switzerland

Barbara Keplicz, Warsaw University, Poland

John-Jules Meyer, Utrecht University, Netherlands

Eugenio Oliveira, Universidade do Porto, Portugal

Michal Pechoucek, Czech Technical University, Czech Republic

Paolo Petta, Austrian Research Institute for Artificial Intelligence, Austria

Onn Shehory, IBM Research Lab in Haifa, Israël

Wiebe Van der Hoek, University of Liverpool, UK

PROGRAM COMMITTEE see the website

IMPORTANT DATES

| | |
|--|-----------------------|
| Submission due: | 30th September |
| Notification of acceptance/rejection: | 31th October |
| Revised papers for Workshop notes: | 11th November |
| Early Registration: | 5th November |
| Late Registration: | 3th December |

