

CALL FOR PAPERS

4th International Central and Eastern European Conference on Multi-Agent Systems

15-17 September 2005

Budapest, Hungary

<http://www.ceemas.org/ceemas05>



About the Conference

The aim of the CEEMAS conference series is to provide a biennial forum for the presentation of multi-agent research and development results. With its particular geographical orientation towards Central and Eastern Europe, CEEMAS has become an internationally recognised event with participants from all over the world. CEEMAS'05 expects papers from every fundamental research fields of multi agent systems. Papers which focus on the following three areas are especially welcome: scalability and reconfigurability of multi agent systems; deployment scenarios exploiting synergies of multi agent systems and other related technologies like grid, web services and semantic web; applications of multi agent systems in design and manufacturing, transport and logistics, space applications, tourism industry, e-commerce and many other application areas. The Organising Committee solicits research submissions for the main research track of the conference, as well as for the accompanying industrial and posters track. A tutorial program is also an integral part of CEEMAS'05. See the details at the back of this paper or visit the conference web site.

The conference proceedings including the accepted papers of the main conference, selected papers from the posters and industrial track, will be published by Springer Verlag in the LNAI series. Revised and extended versions of selected papers will be published in a special issue of the Applied Artificial Intelligence Journal (<http://www.tandf.co.uk/journals/titles/08839514.asp>). For further details of the CEEMAS'05 conference and the history of the CEEMAS conference series please, refer to the web page of the conference.

Topics of the conference

- agent models and architectures
- reactive and intentional agents
- planning and scheduling in MAS
- conflicts, conflict resolution and negotiation
- coordination, teamwork, coalition formation
- formal methods, logic in MAS
- personal agents, agent-based user interfaces
- learning and evolution in MAS
- holons and holarchies
- mobility, migration, accessibility
- agents' representation
- social knowledge and social reasoning
- ant colonies & swarms
- agents in electronic business and virtual organizations
- self-organising systems and emergent organization
- complexity and tractability in agent-based systems
- agent standards, communication, agent management
- agent platforms and interoperability
- knowledge management & ontologies
- agent oriented software engineering, modelling and methodologies
- agent communication, interaction protocols and mechanisms
- meta-reasoning, meta-agency, reflection in MAS
- security, authentication, intrusion detection
- reports on applications and case studies
- relationship to related technologies: middleware, grid, web services
- trust, reputation, and reliability
- scalability and performance issues, robustness
- robot teams, multi robot systems
- artificial social systems
- agent based social simulation
- verification and testing
- adjustable autonomy of MAS

Important Dates

Full paper submission: 8 April, 2005
Notification of acceptance: 13 May, 2005
Camera ready papers: 17 June, 2005

Submission Details

All submissions will be subject to academic peer review by at least two members of the Program Committee. Selection criteria include accuracy and originality of ideas, clarity and significance of results, and quality of presentation. Authors of all submissions are requested to format their papers according to Springer LNAI guidelines (<http://www.springer.de/comp/lncs/authors.html>) and submit them electronically as described on the conference web page at <http://www.ceemas.org/ceemas05/submission.html>

Research track submissions:

Paper submissions for the main research track of the conference should be formatted according to Springer LNAI guidelines and must not exceed 10 pages, including graphics and references. Authors are requested to submit their papers electronically on the conference submission web page.

Posters track

The conference poster session provides an opportunity to present the work in progress, enabling to discuss projects with others in the field. Students are encouraged to submit a poster presentation. The presenters will be invited to contribute an article as well. Papers should be formatted according to Springer LNAI guidelines and must not exceed 3 pages, including graphics and references. Authors are requested to submit their papers electronically on the conference submission web page.

Industrial track

The CEEMAS conference provides the opportunity to submit papers on genuine applications of agent technology. Papers describing concrete, practical implementations with industrial links are encouraged opposed to pure conceptual plans or potential applications. Our goal is to demonstrate the real life value and commercial reality of multi-agent systems as well as to foster the communication between academia and industry on this field. If your paper describes practical experience and real applications, you should submit it to the industrial track. System descriptions should be formatted according to Springer LNAI guidelines and must not exceed 2 pages, including graphics and references. Authors are requested to submit their papers electronically on the conference submission web page.

Tutorial proposals

We solicit tutorials in all areas of agent-oriented models, technologies and methodologies, aimed at either students (basic tutorials) or researchers (new and hot topics). Tutorial duration is either half-day or full-day. The tutorial pro-posal should include a brief summary and outline, specific goals and objectives, expected background of the audience, a bio-graphical sketch of the presenter(s), as well as a sample (15 to 25 slides) of the presentation. All tutorial proposals should be directed to the Tutorials Chair Andrea Omicini <andrea.omicini@unibo.it>, and should be sent before 21st February 2005.

Submission policies

CEEMAS'05 will not accept any paper, which has already been published or accepted for publication in a journal or another conference. These restrictions apply only to journals and conferences, not to workshops and similar specialized presentations with a limited audience and without archival proceedings.

For each accepted paper, at least one author is required to attend the conference to present the paper. Each author can give only one presentation. Papers without at least one author registering by the early registration deadline will be automatically excluded from the conference programme and the proceedings.

The best paper of the conference, to be selected by the Programme Committee at the conference, will receive the Best Paper Award during the conference.

Conference Venue

Budapest, one of the most beautiful historical capitals in Europe, situated on the banks of the Danube, will host the Conference. The architectural beauty with its monuments from neo-classic through baroque to eclectic art nouveau is prevalent in the city. Budapest is also world famous for its artistic abundance of concerts, operas, recitals, galas and exhibitions. The warm hospitality of people, excellent food and wine, reliable and frequent public transportation, vivid cultural life, rich museums attract millions of visitors every year. Visitor friendly visa policy, value-for-the-price services and goods, and pleasant climate make Hungary one of the most popular meeting venues worldwide.

The conference will be held at the Hotel Normafa, a four-star equivalent hotel located in the hills surrounding Budapest (<http://www.normafahotel.com/>). Accommodation will be available in the conference venue, the Hotel Normafa and the nearby three-star Hotel Agro Panorama (<http://www.hotelagropanorama.hu>).

Organising committee

General chair:

Laszlo Z. Varga (Hungary)

Programme co-chairs:

Michal Pechoucek (Czech Republic)
Paolo Petta (Austria)

Tutorials chair:

Andrea Omicini (Italy)

Industrial, demonstrations track chair:

Gabor Tatai (Hungary)

Posters chair:

Katalin Bognar (Hungary)

Local arrangements chair:

Gusztav Hencsey (Hungary)

Secretariat

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