



13th International Conference on Software, Telecommunications and Computer Networks

SoftCOM 2005

September 15-17, 2005
Split (Croatia)

International Program Committee

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Workshop on Application of Multi-agent Systems

Chairs: Darko Stipaničev, Maja Štula

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Call for Papers

Workshop on Application of Multi-agent Systems will be held September 15-17 in Split, Croatia in the frame of the 13th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2005), technically co-sponsored by the IEEE Communication Society (ComSoc).

Multi-agent Systems and Intelligent Agents are regarded as most important areas of research and development in information technology. Software agent is the independent interactive software component capable to communicate with other agents and other entities using standard Agent Communication Languages (ACL). Multi-agent system is composed of multiple agents, and because of agents communication and cooperation capability it is able to solve problems that are beyond the abilities of any individual agent. Multi-agent systems have been found to have very wide applicability in diverse areas, from e-commerce to industrial process monitoring and control.

Paper length should be 3-5 pages in two-column IEEE format. Accepted papers will be published in the conference proceedings, and authors of selected best papers will be invited to submit an extended version of their manuscripts for publication in a special issue of the Journal of Communications Software and Systems (JCOMSS).

We cordially invite speakers who wish to present original papers on the following subjects, but not limited to these topics:

- * Agent Architectures
- * Agent Communication Languages
- * Agent Programming Languages
- * Agent Programming Environments
- * Agent-Oriented Programming
- * Agent Standardisation
- * Agent-based Workflow Management
- * Agent-based Monitoring and Control
- * Agent-based E-commerce, Markets, Auctions
- * Bidding and Bargaining Agents
- * Negotiation Techniques for Agent Systems
- * Conflict Resolution and Negotiation
- * Agent Teams, Organisations and Societies
- * Agent Group Dynamics
- * Mobile Agents
- * Planning and Coordination
- * Application of Multi-agent Systems
- * Intelligent Agents and Agent Intelligence
- * Social Impacts of Intelligent Agents
- * Evolution, Adaptation and Learning
- * Self-organising Agent Systems
- * Emerging Agent Technologies
- * Emerging Agents Organisations

IMPORTANT DATES

Complete manuscript due June 15, 2005
Notification of acceptance July 15, 2005
Camera-ready manuscript Aug.15, 2005

The 13th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2005), technically co-sponsored by the IEEE Communication Society (ComSoc), will be held September 15-17 in Split, Croatia. Split town is a golden spot on the Croatian Adriatic coast, the starting point for the most beautiful touristic destinations such as Trogir, a two millennia town monument under protection of UNESCO, Solin town with ancient Salona, the Kornati archipelago National Park with hundreds small islands – unique and luxurious in its beauty, the Krka river and Skradinski buk National Park, islands Brac, Hvar and Vis famous touristic destinations etc. Split town is the business, political and university regional center, an 1700 year old town with Diocletian Palace monument. One of the most interesting social event this year will be sailing from the Conference site to the Split harbor with guided tour of the 1700 old Diocletian Palace and attending the special program for SoftCOM participants.

More information about the Conference including details on the submission process and authors kit is available on the website:

<http://www.fesb.hr/SoftCOM>

Conference Secretary: Mladen Russo, University of Split, Croatia (softcom@fesb.hr)