The Joint Symposium ASA-MA 2000

Department of Computer Science ETH Eidgenössische Technische Hochschule Zürich

2nd International Symposium on Agent Systems and Applications ASA2000

4th International Symposium on Mobile Agents MA2000

September 13-15, 2000
ETH Zurich
Switzerland

IMPORTANT DATES	
- Paper submissions due	March 3, 2000
- Tutorials proposals due	April 30, 2000
- Notifications to authors (papers and tutorials)	May 7, 2000
- Camera-ready final papers due	June 30, 2000
- Exhibition proposals due	August 1, 2000

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Call for Papers

In the age of information overload, **agents** have become an important programming paradigm. Agents can act on behalf of users to collect, filter and process information. They can act autonomously and react to changing environments. Agents are deployed in different settings, such as industrial control, Internet searching, personal assistance, network management, games, and many others.

In our increasingly networked world, **mobile code** is another important programming paradigm. In distributed applications mobile code can improve speed, flexibility, structure, security, or ability to handle disconnection. Mobile code has been applied to mobile computing, wireless networks, active networks, manufacturing, network management, resource discovery, software dissemination and configuration, and many other situations.

Mobile agents combine the features of agents and of mobile-code technologies, and present their own set of challenges. Their use is increasingly explored by an expanding industry.

A full understanding of the capabilities and limits of these technologies (agents, mobile code, and mobile agents) is an open research topic in several communities. This symposium will showcase experimental research as well as experiences gained while developing, deploying, and using applications and systems that meet real user needs. Research papers are encouraged to include some sort of a quantitative analysis of their application or system. Deployment experience papers should either contain quantitative analysis or concrete, detailed discussion of the lessons learned from real-world applications or systems. We also encourage authors of accepted papers to make the source code available, and if possible, to demonstrate the technology.

ASA 2000 and MA 2000 are being held jointly with one program committee and a single technical track. The program committee is interested in papers that address various topics in one of these areas:

AREAS
- agent applications
- agent systems
- multi-agent systems
- mobile agents
- mobile code

TOPICS
- development tools
- security
- scalability
- fault tolerance
- communication, collaboration and coordination
- languages
- standards
- design patterns
- applications in mobile computing and wireless networks
- applications in electronic markets and commerce
- applications in active networks
- market-based control
- resource management
- agent societies and ensembles
- World-wide-web integration

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