



Agent-Based Computing 2003 (ABC'03)

Special Session in conjunction with

The 7th World Multiconference on Systemics, Cybernetics and Informatics

July 27-30, 2003 ~ Orlando, Florida, USA, <http://www.iiisci.org/sci2003>

Session URL: <http://www.cs.siu.edu/~abc03/>

Call for Papers

Important Dates

Paper submissions:
Acceptance notification:
Camera-ready final papers:

December 27, 2002
February 19, 2003
April 9, 2003

Session Organizer and Chair

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Agent-based computing has been hailed as the next significant breakthrough in software development, with the potential to affect many aspects of computer science, from artificial intelligence to the technologies and models of distributed computation. Agent-based systems are capable of autonomous action in open, dynamically-changing environments. Agents are currently being applied in domains as diverse as business information systems, computer games and interactive cinema, information retrieval and filtering, user interface design and industrial process control. The aim of the ABC'03 is to bring together researchers and developers from industry and academia in order to report on the latest scientific and technical advances, discuss and debate the major issues, and showcase the latest systems.

Program Committee

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Ron Sun
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Tatyana Yakhno
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The special session welcomes submissions of original papers concerning all aspects of software agents. Submissions involving both implementation and theoretical issues are encouraged. Topics include but are not limited to:

- Agent architectures
- Agent-based software engineering
- Agent benchmarking and performances
- Agent communication, coordination and cooperation
- Agent languages
- Agent learning and planning
- Agent mobility
- Agent modeling, calculi, and logics
- Agent security
- Applications and Experiences
- Simulating and verifying agent systems

Submission and Publication:

Submitted papers will be reviewed by the program committee. Papers should be a maximum of six single-spaced typed pages. Accepted submissions will be presented orally in the conference and published by means of paper and electronic proceedings by the International Institute of Informatics and Systemics (IIIS). In addition, selected and additionally refereed papers will be published after the meeting as a special issue of a journal (more details will be provided later).

Submit your papers to: sag@cs.siu.edu

Conference Fees:

The conference fees will be \$370 before the Camera Ready deadline and \$420 after the Camera Ready deadline. Participants will receive a CD-ROM version of the proceedings and one volume of the hard copy version of the Conference Proceedings.

For more information, please refer to <http://www.iiisci.org/sci2003/>.
