



Universität Karlsruhe (TH)
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VDE
VDI/VDE-Gesellschaft
Mess- und Automatisierungstechnik

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Institut
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Datenverarbeitung

SAISIA

2nd International Workshop on
Software Agents in Information Systems and Industrial Applications (SAISIA)

March 11 - 12, 2008, Karlsruhe, Germany

<http://www.iitb.fraunhofer.de/saisia/>

Call for Papers

Scope of the Workshop

Software Agents are an emerging technology offering many possibilities for structuring distributed systems. Although this promising approach is not new, a breakthrough in commercial products is still to come. The 2nd International Workshop on **Software Agents in Information Systems and Industrial Applications (SAISIA)** provides an interdisciplinary forum for researchers, developers, users and consultants to present and discuss latest advances in research work as well as applications of software agents and multi-agent systems. The focus of this workshop lies on the area of automation technology.

We solicit papers on recent advances in the domain of software agents and multi-agent systems in industrial applications. We specifically encourage papers that are in the context of industrial automation. Both research papers and application-oriented papers are welcome.

Topics

Areas of interest include, but are not limited to

- Software agents for flexible manufacturing
- PLC and CNC software agents
- Agents for manufacturing control
- Software engineering for agent based production systems
- Agents for the digital factory
- Industrial applications of software agents
- Robustness, fault tolerance, scalability and performance measurement
- Interoperability of agent based systems
- Tools and development frameworks for agent systems

Important Dates

Submission of papers:	September 16, 2007
Notification of acceptance:	November 15, 2007
Camera-ready papers:	January 15, 2008
Workshop:	March 11-12, 2008

Paper Submission

All papers must be written in English. Papers that have been accepted or are under review by other conferences or journals are not eligible for submission. Templates for MS Word and LaTeX will be available on the SAISIA homepage.

Please submit your **8 - 12 page** paper electronically in PDF format to saisia@iitb.fraunhofer.de by **September 16, 2007**.

Proceedings

The workshop proceedings will be published by Universitätsverlag Karlsruhe and can be cited. In addition, a CD-ROM will be available.

Organisation

General Chair

Jürgen Beyerer (Fraunhofer IITB, Universität Karlsruhe (TH), Germany)

Organising Committee

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Georg Weichhart (PROFACTOR Produktionsforschungs GmbH, Austria)

Cees Witteveen (TU Delft, The Netherlands)

Workshop Secretary

In case of further questions the workshop secretary will be pleased to assist you. Please send your inquiry via mail, email or fax to:

SAISIA Workshop Secretary

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