

Lecture Notes in Artificial Intelligence 3550

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Multiagent System Technologies

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Proceedings

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Preface

After two successful MATES conferences in Erfurt 2003 and 2004, the 3rd German conference on Multi-agent System Technologies (MATES 2005) took place in Koblenz, Germany, in September 2005, and was co-located with the 28th German Conference on Artificial Intelligence (KI 2005).

Building on other agent-related events in Germany in the past, and organized by the GI German Special Interest Group on Distributed Artificial Intelligence, the MATES conference series aims at promoting the theory and applications of agents and multiagent systems. Incorporating the 9th International Workshop on Cooperative Information Agents (CIA 2005), the topics of interest for MATES 2005 also covered the fields of intelligent information agents and systems for the Internet and the (Semantic) Web.

As in recent years, MATES 2005 provided a distinguished, lively and interdisciplinary forum for researchers, users, and developers of agent technology, to present and discuss the latest advances of research and development in the area of autonomous agents and multiagent systems. Accordingly, the topics of MATES 2005 covered the whole range from the theory to applications of agent- and multiagent technology. The technical program included a total of 24 scientific talks, and demonstrations of selected running agent systems, and both the MATES 2005 Best Paper and the CIA 2005 System Innovation awards.

The international Program Committee for MATES 2005 selected carefully 14 out of 54 submissions from all over the world to be accepted as full papers, and an additional 5 short papers as well as 5 posters to be presented. The program also included four distinguished invited speakers: Karl Aberer (EPF Lausanne, Switzerland), John-Jules C. Meyer (Utrecht University, The Netherlands), Stefan Staab (Universität Koblenz, Germany), and jointly with KI 2005, Luc Steels (SONY Computer Science Lab Paris and Free University of Brussels), as well as a doctoral colloquium and a mentoring program.

Finally, as general co-chairs and PC co-chairs, and in the name of all members of the Steering Committee, we would like to thank all authors of submitted papers and all invited speakers for their contributions, all members of the Program Committee as well as other reviewers for their careful, critical, and thoughtful reviews, and all local conference organizers and others involved in helping to make MATES 2005 a success. In addition, we would like to explicitly thank our sponsors AgentLink III, Whitestein Technologies, Siemens, and the German Computer Society (GI), whose financial support helped to make this event possible.

We hope the attendees enjoyed MATES 2005 and the Koblenz conference site both scientifically and socially and will continue to support MATES as a conference series with many more successful events to come in the future!

June 2005

Torsten Eymann, Franziska Klügl, Winfried Lamersdorf,
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