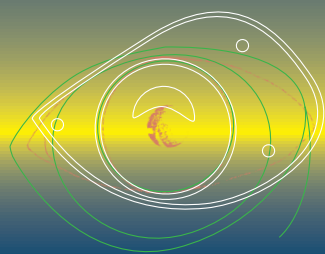# KI 2009   AI And Automation

32nd Annual Conference On Artificial Intelligence
Paderborn | September 15 – 18, 2009

Call For Papers

Call for Contributions

The 32nd Annual Conference on Artificial Intelligence will be held in 2009 at the University of Paderborn, Germany on September 15 – 18 continuing a series of successful events.

This conference aims to gather researchers and developers from academic fields and industries worldwide to share their research results covering all aspects of artificial intelligence. It will be an international forum for discussions on recent progress in different fields of artificial intelligence including, but not limited to:

- Agents
- AI and engineering
- Case-Based Reasoning
- Cognitive modeling
- Cognitive systems
- Constraint satisfaction
- Deduction
- Evolutionary computation
- Games and interactive entertainment
- Graphics and AI
- History and philosophical foundations of AI
- Human-machine-interaction
- Knowledge acquisition
- Knowledge and Experience Management

- Knowledge representation and reasoning
- Machine learning and data-mining
- Model-based systems
- Natural language processing
- Neural networks
- Ontologies
- Planning and scheduling
- Reasoning under uncertainty
- Robotics
- Search
- Semantic web
- Spatial and temporal reasoning
- Vision and perception

Special area chairs representing the recent topics in AI will assure that each paper finds a competent reviewer and, when accepted, an adequate session.

Orthogonal to the scientific program of the conference three layers will be addressed:
- AI and Automation
- AI in the current excellence clusters, collaborative research centers and graduate schools, and
- AI at the universities of applied sciences.

This year's major theme will be the impact of AI methods and theories on the engineering domain. Nowadays, AI can be found everywhere in this field, in the production process as well as in smart products, although very often the influence of AI research remains hidden. The special focus on AI and Automation will present state-of-the-art topics and will help to bridge the gap between academia and industrial applications.

Submission Guidelines

Submitted papers, which have to be in English, must not exceed 8 pages in Springer LNCS style. Conference submission is electronic, in pdf format. The conference proceedings will be published in the Springer Lecture Notes in AI (LNAI) series. At least one author per accepted paper must register for the conference and present the contribution. Further details concerning paper submission are available at the conference web site.

KI 2009 Chair
Bärbel Mertsching

Key Dates

Paper submission
Apr 09, 2009

Acceptance notification
Jun 12, 2009

Final version due
Jul 03, 2009

Details
ki2009.upb.de