

# Fraunhofer

# 33rd Annual German Conference on **Artificial Intelligence (KI 2010)**



September 21-24, 2010 Karlsruhe, Germany



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#### Contact

KI 2010 - Team ki2010@kit.edu

# **Call for Papers**

The conference invites original research papers from all areas of AI, its fundamentals, and its applications. Papers emphasizing the relation between AI and automation are particularly welcome. Areas of interest include, but are not limited to

- Bio-inspired AI
- Cognitive Cars
- Cognitive Systems
- Computing with words
- Dealing with uncertainty
- Deduction
- Distributed and decentralized AI
- Engineering and Design of Al systems
- Evolutionary computation
- Explanation-based learning
- Games and interactive entertainment
- Human-level intelligence
- Human-machine-interaction
- Knowledge acquisition

- Knowledge representation
- Machine learning and data-mining
- Memory structures for intelligent systems
- Modeling of cognitive processes
- Model-based systems
- · Multimodal interaction and AI
- Natural language processing
- Neural processing
- Ontologies
- · Planning and scheduling
- Reasoning
- **Robotics**
- Search
- Semantic gap
- · Swarm intelligence

Contributions to workshops and tutorials are welcome, details are available on the conference website.

# **Important Dates**

Paper submission	May 02
Notification of acceptance	July 01
Camera-ready version	July 15

#### **Submission Guidelines**

Submitted papers, which have to be in English, should regularly not exceed 8 pages in Springer LNCS style, two additional pages will be permitted for an extra charge. Conference submission is electronic, in pdf format. The conference pro-ceedings will be published in the Springer Lecture Notes in Al (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.

www.ki2010.kit.edu