

## Areas of Interest

Knowledge Acquisition, Representation, Reasoning and Ontologies /// Combinatorial Search, Configuration, Design and Deduction /// Natural Language Processing, Statistical NLP, Semantics /// Planning and Scheduling, Spatial and Temporal Reasoning /// Reasoning under Uncertainty, Probabilistic Inferences /// Non-Monotonic Reasoning and Default Logics /// Constraint Satisfaction, Processing and Programming /// Embodied AI, Robotics, Vision and Perception /// Intelligent Information Retrieval, Semantic Search, Semantic Web /// Evolutionary and Neural Computation /// Machine Learning, Computational Learning Theory and Data-Mining /// Distributed Problem Solving and Multi-Agent Systems /// Game Playing and Interactive Entertainment, AI for Graphics /// Game Theory and General Game Playing, Generalized Intelligence /// AI for Human-Computer-Interaction and Adaptive Communication /// Mobile Solutions with Textile, Semantic and Spatial Media /// Augmented Reality, Smart Cities, Smart Traffic, Smart Hardware /// Assistance Systems in Living and Working Environments /// Software-Engineering, Model Checking and Security in AI /// Distributed Computation and Swarm Intelligence /// Cognitive Modelling, AI and Psychology /// History and Philosophical Foundations of AI /// Applications including Logistics, Production and Health Care

## Conference Organization

**General Chair:** Antonio Krüger (Saarland University and DFKI)

**Program Chair:** Birte Glimm (University of Ulm)

**Local Chairs:** Boris Brandherm and Ralf Jung (Saarland University)

**Workshop Chair:** Gabriele Kern-Isberner (TU Dortmund)

**Tutorial Chair:** Wolfgang Maaß (Saarland University)

**Poster Chair:** Stefan Wöfl (University of Freiburg)

**Doctorial Consortium Chair:** Carsten Lutz (University of Bremen)

**Publicity Chair:** Daniel Sonntag (DFKI)

# KI 2012



35th German Conference on Artificial Intelligence  
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Saarbrücken, Germany

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**Notification of acceptance:** July 1, 2012  
**Camera ready copy (full papers):** July 13, 2012

[www.dfki.de/ki2012](http://www.dfki.de/ki2012)



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