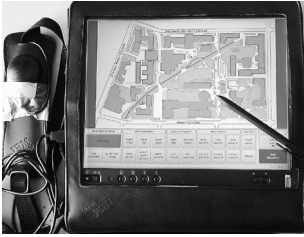


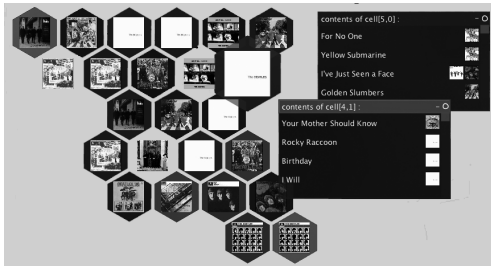
Seite 46: Human Spatial Cognition: Cognitive Science joins AI and Robotics

Cognitive science at Freiburg has a long-standing tradition of cooperating with computer science in basic and applied research. In this project report we present current research in spatial cognition as part of the SFB/TR8 Spatial Cognition (Bremen and Freiburg) in our lab in Freiburg. Our research interests cover the analysis of wayfinding strategies, external and internal spatial representations, navigation behavior, and complexity in spatial reasoning.



Seite 54: User-Adaptive Music Information Retrieval

Automatic structuring is one means to ease access to large music collections – be it for organisation or exploration. The AUCOMA project (Adaptive User-Centered Organization of Music Archives) aims to find ways to make such



a structuring intuitively understandable to a user through automatic adaptation. This article describes the motivation of the project, discusses related work in the field of music information retrieval and presents first project results.

Seite 67: KI 2009 – Workshops

Im Rahmen der 32. Jahrestagung Künstliche Intelligenz (KI 2009) in Paderborn vom 15. bis 18. September 2009 werden die folgenden Workshops durchgeführt. Mehr Informationen zu den Workshops finden Sie auf den angegebenen Workshop Web-Seiten. Informationen zur KI-Tagung finden Sie unter <http://ki2009.upb.de/>

Workshops at a Glance

- 3rd Workshop on Behaviour Monitoring and Interpretation – Well Being
- Complex Cognition
- 1st International Workshop on Distributed Computing in Ambient Environments (DiComAe)
- 4th Workshop “Emotion and computing – current research and future impact”
- 5th Workshop on Knowledge Engineering + Software Engineering (KESE 09)
- Machine Learning in Real-time Applications
- 23rd Workshop on planning, scheduling, design, and configuration (PuK 2009)
- Relational Approaches to Knowledge Representation and Learning
- Representations for Mobile Robots
- User tracking for augmented reality applications – Visual SLAM, inertial sensing and other methods
- Self-X in mechatronics and other engineering applications
- Human-Machine-Interaction

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Sixth European Workshop on Multi-Agent Systems Tina Balke	

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