

Publications

Resources - Publications

2009

- (WBPL09) Nils Weber, Lars Braubach, Alexander Pokahr, Winfried Lamersdorf *Agent-based Semantic Search at motoso.de* in: Proceedings of the Seventh German Conference on Multi-Agent System Technologies (MATES 2009)
- (BP09) Lars Braubach, Alexander Pokahr *Representing Long-Term and Interest BDI Goals* in: Proceedings of International Workshop on Programming Multi-Agent Systems (ProMAS-7)
- (PB09c) Alexander Pokahr, Lars Braubach *A Survey of Agent-oriented Development Tools* in: Multi-Agent Programming - Languages, Tools and Applications
- (PB09b) Lars Braubach, Alexander Pokahr *A Property-based Approach for Characterizing Goals* in: In Proceedings of the 8th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS'09) (Poster)
- (PB09a) Alexander Pokahr, Lars Braubach *From a Research to an Industrial-Strength Agent Platform: Jadex V2* in: 9. Internationale Tagung Wirtschaftsinformatik 2009
- (BPP09) Lars Braubach, Alexander Pokahr, Adrian Paschke *Using Rule-Based Concepts as Foundation for Higher-Level Agent Architectures* in: Handbook of Research on Emerging Rule-Based Languages and Technologies: Open Solutions and Approaches

2008

- (PRBP08) Michele Piunti, Alessandro Ricci, Lars Braubach, Alexander Pokahr *Goal-Directed Interactions in Artifact-Based MAS: Jadex Agents playing in CARTAGO Environments* in: The 2008 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-2008)
- (PBSRL08) Alexander Pokahr, Lars Braubach, Jan Sudeikat, Wolfgang Renz, Winfried Lamersdorf *Simulation and Implementation of Logistics Systems based on Agent Technology* in: Hamburg International Conference on Logistics 2008: Logistics Networks and Nodes
- (BBPL08) Dirk Bade, Lars Braubach, Alexander Pokahr, Winfried Lamersdorf *An Awareness Model for Agents in Heterogeneous Environments* in: Programming Multi-Agent Systems (ProMAS-6)
- (BPL08) Lars Braubach, Alexander Pokahr, Winfried Lamersdorf *A Universal Criteria Catalog for Evaluation of Heterogeneous Agent Development Artifacts* in: From Agent Theory to Agent Implementation (AT2AI-6)

2007

- (PBWL07) Alexander Pokahr, Lars Braubach, Andrzej Walczak, Winfried Lamersdorf *Jadex - Engineering Goal-Oriented Agents* in: Developing Multi-Agent Systems with JADE
- (BP07a) Lars Braubach, Alexander Pokahr. *Goal-Oriented Interaction Protocols*, Fifth German conference on Multi-Agent System TEchnologieS (MATES-2007).
- (PB07b) Alexander Pokahr, Lars Braubach. *The Webbridge Framework for Building Web-Based Agent Applications*, LAnguages, methodologies and Development tools for multi-agent systems (LADS 2007).
- (PB07a) Alexander Pokahr, Lars Braubach. *An Architecture and Framework for Agent-Based Web Applications*, 5th

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International Central and Eastern European Conference on Multi-Agent Systems (CEEMAS 2007).

[\(Bra07\)](#)

Lars Braubach. *Architekturen und Methoden zur Entwicklung verteilter agentenorientierter Softwaresysteme*, Dissertation, University of Hamburg. (in German)

[\(Pok07\)](#)

Alexander Pokahr. *Programmiersprachen und Werkzeuge zur Entwicklung verteilter agentenorientierter Softwaresysteme*, Dissertation, University of Hamburg. (in German)

2006

[\(SBPLb06\)](#)

Jan Sudeikat, Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Monitoring group behavior in goal-directed agents using co-efficient plan observation*, Agent-Oriented Software Engineering, 7th International Workshop (AOSE 2006), to appear.

[\(SBPLa06\)](#)

Jan Sudeikat, Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Validation of BDI Agents*, The Fifth International Workshop on Programming Multiagent Systems (PROMAS-2006).

[\(WBPL06\)](#)

Andrzej Walczak, Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Augmenting BDI Agents with Deliberative Planning Techniques*, The Fifth International Workshop on Programming Multiagent Systems (PROMAS-2006).

[\(BPL06\)](#)

Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Tools and Standards*, Chapter of Multiagent Engineering - Theory and Applications in Enterprises. Springer Series: International Handbooks on Information Systems, Editors: S. Kirn, O. Herzog, P. Lockemann, O. Spaniol.

[\(BBD+06\)](#)

Rafael Bordini, Lars Braubach, Mehdi Dastani, Amal El Fallah Seghrouchni, Jorge Gomez-Sanz, Joao Leite, Gregory O'Hare, Alexander Pokahr, Alessandro Ricci. *A Survey of Programming Languages and Platforms for Multi-Agent Systems*, Informatica 30 (2006), pp. 33-44.

2005

[\(PBL05f\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *Agenten: Technologie für den Mainstream?*, it - Information Technology Journal 2005 (in German).

[\(BLMP05\)](#)

Lars Braubach, Winfried Lamersdorf, Zoran Milosevic, Alexander Pokahr. *Policy-Rich Multi-Agent Support for E-Health Applications*, 5th IFIP conference on e-Commerce, e-Business, and e-Government (I3E 2005).

[\(PBL05e\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *A Flexible BDI Architecture Supporting Extensibility*, The 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT-2005).

[\(PBL05d\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *A Goal Deliberation Strategy for BDI Agent Systems*, Third German conference on Multi-Agent System TEchnologieS (MATES-2005).

[\(PBL05c\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *Jadex: A BDI Reasoning Engine*, Chapter of Multi-Agent Programming, Kluwer Book, Editors: R. Bordini, M. Dastani, J. Dix and A. Seghrouchni.

[\(BPL05b\)](#)

Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Jadex: A BDI Agent System Combining Middleware and Reasoning*, Chapter of Software Agent-Based Applications, Platforms and Development Kits, Birkhäuser Book, Editors: R. Unland, M. Calisti, M. Klusch.

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[\(BPL05a\)](#)

Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Extending the Capability Concept for Flexible BDI Agent Modularization*, in: The Third International Workshop on Programming Multiagent Systems (PROMAS-2005).

[\(PBL05b\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *A BDI Architecture for Goal Deliberation*, in: Proceedings of the Fourth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS'05), Poster.

[\(PBL05a\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *Dezentrale Steuerung verteilter Anwendungen mit rationalen Agenten*, in: Kommunikation in Verteilten Systemen, 2005. (in German)

2004

[\(BPL04b\)](#)

Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *Jadex: A Short Overview*, in: Main Conference Net.ObjectDays 2004, AgentExpo.

[\(BPL04a\)](#)

Lars Braubach, Alexander Pokahr, Winfried Lamersdorf. *MedPAge: Rationale Agenten zur Patientensteuerung*, Künstliche Intelligenz, Nr. 2, April 2004, pp. 33-36. (in German)

[\(BPKL04\)](#)

Lars Braubach, Alexander Pokahr, Karl-Heinz Krempels, Winfried Lamersdorf. *Deployment of Distributed Multi-Agent Systems*, in: Fifth International Workshop on Engineering Societies in the Agents World (ESAW-2004).

[\(BPML04\)](#)

Lars Braubach, Alexander Pokahr, Daniel Moldt, Winfried Lamersdorf. *Goal Representation for BDI Agent Systems*, in: The Second International Workshop on Programming Multiagent Systems (PROMAS-2004).

[\(SBPL04\)](#)

Jan Sudeikat, Lars Braubach, Alexander Pokahr, and Winfried Lamersdorf. *Evaluation of Agent-Oriented Software Methodologies - Examination of the Gap Between Modeling and Platform*, in: Workshop on Agent-Oriented Software Engineering (AOSE-2004).

2003

[\(PBL03\)](#)

Alexander Pokahr, Lars Braubach, Winfried Lamersdorf. *Jadex: Implementing a BDI-Infrastructure for JADE Agents*, in: EXP - In Search of Innovation (Special Issue on JADE), Vol 3, Nr. 3, Telecom Italia Lab, Turin, Italy, September 2003, pp. 76-85.