



Schedule

AAAI Spring Symposium

on

Agent-mediated Knowledge Management (AMKM-2003)

March 24-26, 2003, Stanford University

Monday, 24

- 9:00 **Opening**
Invited Talk: Daniel E. O'Leary, University of Southern California
- 10:30 *Coffee Break*
- 11:00 **Session on Collaboration and Peer-to-Peer Support**
- ◆ Peer-mediated Distributed Knowledge Management, M. Bonifacio, P. Bouquet, G. Mameli, M. Nori (LP)
 - ◆ The Impact of Conversational Navigational Guides on the Learning, Use, and Perceptions of Users of a Web Site, A. Graesser, M. Ventura, G. T. Jackson, J. Mueller, X. Hu, N. Person (LP)
 - ◆ Agent-oriented Knowledge Management in Learning Environments: A Peer-to-Peer Helpdesk Case Study, R. S. S. Guizzardi, L. Aroyo, G. Wagner (LP)
 - ◆ Towards Evaluation of Peer-to-Peer-based Distributed Knowledge Management Systems, M. Ehrig, C. Schmitz, S. Staab, J. Tane, C. Tempich (SP)
- 12:30 *Lunch*
- 2:00 **Session on Agent-based Community Support**
- ◆ Towards Trust-based Knowledge Management for Mobile Communities, S. Schulz, R. Kalcklösch, T. Schwotzer, K. Herrmann (LP)
 - ◆ Knowledge Management Framework for Collaborative Learning Support, M. Kayama, T. Okamoto (SP)
 - ◆ AMKM for Internet Behavior Tracking, N. Santo, I. Haimowitz (SP)
 - ◆ An Agent-Based Approach to Mailing List Knowledge Management, E. Moreale, S. Watt (SP)
 - ◆ DIAG: From Community Discussion to Knowledge Distillation, M. S. Ackerman, K. DeMaagd, S. Cotterilla, A. Swensona (SP)
- 3:30 *Coffee Break*
- 4:00 **Discussion Session**
- 5:30 *End of Sessions*
- Evening *Opening Reception*

LP: Long presentation (25 minutes, including discussion time)

SP: Short presentation (15 minutes, including discussion time)

Tuesday, 25

- 9:00 **Session on Agent Models for Knowledge and Organizations**
- ◆ Information Fields in Organization Modeling using an EDA Multi-Agent Architecture, J. Filipe (LP)
 - ◆ Information Density Functional Theory (IDFT): A quantum approach to knowledge fusion and organizational mergers, W.F. Lawless (SP)
 - ◆ Improving Organizational Memory through Agents for Knowledge Discovery in Database, J. J. Vasco Furtado, V. Ponte Machado (SP)
 - ◆ Experience in using RDF in Agent-mediated Knowledge Architectures, K. Hui, S. Chalmers, P. Gray, A. Preece (SP)
 - ◆ Using an Agent-Based Framework and Separation of Concerns for the Generation of Document Classification Tools, J. A. Pinto de Magalhães, C. J. Pereira de Lucena (SP)
- 10:30 *Coffee Break*
- 11:00 **Session on Context and Personalization**
- ◆ Modeling context-aware distributed knowledge, J. Louçã (LP)
 - ◆ Discovering, visualizing and sharing knowledge through personalized learning knowledge maps – an agent-based approach, J. Novak, M. Wurst, M. Schneider, M. Fleischmann, W. Strauss (LP)
 - ◆ Agentized, Contextualized Filters for Information Management, D. A. Evans, G. Grefenstette, Y. Qu, J. Shanahan, V. Sheftel (SP)
 - ◆ Personal Agents for Implicit Culture Support, E. Blanzieri, P. Giorgini, F. Giunchiglia, C. Zanoni (SP)
 - ◆ Working with a Knowledge Management Tool in a Domain Context, T.-H. Lê, L. Lamontagne (SP)
- 12:30 *Lunch*
- 2:00 **Discussion Session**
- 3:30 *Coffee Break*
- 4:00 **Session on Ontologies and Semantic Web**
- ◆ Integrating external sources in a corporate semantic web managed by a multi-agent system, T.-D. Cao, F. Gandon (LP)
 - ◆ Automatically Generated DAML Markup for Semistructured Documents, W. Krueger, J. Nilsson, T. Oates, T. Finin (LP)
 - ◆ A Spreading Activation Framework for Ontology-enhanced Adaptive Information Access within Organisations, M. M. Hasan (SP)
 - ◆ Ontology extraction for educational knowledge bases, K. Rawlins, C. Eliot, V. Lesser, B. Woolf (SP)
 - ◆ Representing Interaction Protocols in DAML, S. Toivonen, H. Helin (SP)
- 5:30 *End of Sessions*
- Evening **Plenary Session**
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Wednesday, 26

- 9:00 **Session on Agents and Knowledge Engineering**
- ◆ Analyzing the Requirements for Knowledge Management using Intentional Analysis, A. Molani, A. Perini, E. Yu, P. Bresciani (SP)
 - ◆ Perspectives: An Analysis of Multiple Viewpoints in Agent-Based Systems, S. C. Bailin, W. Truszkowski (SP)
 - ◆ A Multi-Agent Architecture for Knowledge Acquisition, C. A. Tacla, J.-P. Barthès (SP)
 - ◆ Agent-Mediated Knowledge Engineering Collaboration, A. Pease, J. Li (SP)
 - ◆ Dynamic Generation of Agent Communities from Distributed Production and Content-driven Delivery of Knowledge, J. M. Doderio, S. Arroyo, V. R. Benjamins (LP)
- 10:30 *Coffee Break*
- 11:00 **Final Discussion & Wrap-up**
- 12:30 *End of Symposium Series*
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