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)
♦ 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)
♦ Dynamic System for Internet Direct-to-Consumer Agent-Mediated KM, 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)
- 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)
- 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**

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. Dodero, S. Arroyo, V. R. Benjamins (LP)

10:30 **Coffee Break**

11:00 **Final Discussion & Wrap-up**

12:30 **End of Symposium Series**