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CALL FOR PAPERS

KSEM aims to be a scientific conference for research on knowledge science, engineering and management, attracting high quality, state-of-the-art research from all over the world. The conference endeavors to bring together researchers, developers, and academic and industry leaders, active and interested in KSEM-related research areas and their practices. The conference is specifically focused on becoming the premier forum for prototype and deployed knowledge engineering and knowledge-based systems. The conference offers an exceptional opportunity for presenting original work, technological advances, practical problems and concerns of the research community. KSEM2009 to be held in Vienna is the third in this series, following two successful events in Guilin, China (KSEM'2006) and in Melbourne, Australia (KSEM'2007).

As its predecessor conferences **KSEM'2009** aims to be an interdisciplinary event, providing a meeting ground for researchers in the broad areas of knowledge science, knowledge engineering, and knowledge management. KSEM'2009 proposes to be a forum for people to share their views, to exchange ideas, to develop new insights and to report state of the art research results.

You are invited to submit papers that are original and not yet published. The topics of interest include but are not limited to:

✚ Knowledge Science

- ✧ Knowledge representation and reasoning
- ✧ Logics of knowledge;
- ✧ Formal analysis of knowledge;
- ✧ Knowledge complexity and knowledge metrics
- ✧ Reasoning about knowledge in the presence of inconsistency, incompleteness, context-dependency
- ✧ Commonsense knowledge and uncertainty in knowledge
- ✧ Cognitive foundations of knowledge
- ✧ Knowledge in complex systems and multi-agent systems
- ✧ Formal ontology

✚ Knowledge Engineering

- ✧ Knowledge extraction
- ✧ Knowledge integration
- ✧ Knowledge-based software engineering
- ✧ Knowledge-based systems in life sciences
- ✧ Conceptual modelling in knowledge-based systems
- ✧ Semantic database systems and semantic Web
- ✧ Content engineering and ontological engineering
- ✧ Implementation issues in KBS

✚ Knowledge Management

- ✧ Knowledge creation and acquisition
- ✧ Knowledge verification and validation
- ✧ Knowledge dissemination
- ✧ Knowledge management systems
- ✧ Organizational ontology
- ✧ Data mining and knowledge discovery
- ✧ Organizational memory
- ✧ Organizational learning
- ✧ Knowledge management strategies and practices
- ✧ Knowledge management applications

Papers on the synergism of knowledge science, knowledge engineering and knowledge management are especially welcomed.

Important Dates:

Paper Due:	July 15, 2009
Author Notification:	August 30, 2009
Early Registration Due:	September 15, 2009
Camera-ready Due:	September 15, 2009
Conference Dates:	November 25-27, 2009

Paper Submission:

Prospective participants are requested to electronically submit full papers of their work (12 pages). In accordance with the previous conferences the organisers of KSEM'2009 aim to publish the conference proceedings with Springer in the Lecture Notes in Artificial Intelligence (LNAI) series.