

Call for Papers

Knowledge Management Research & Practice:

Special Issue on Knowledge Management and Collaboration

This Special Issue stems from a workshop on “Knowledge Management and Collaboration” that took place on 24th May 2011, as part of the 2011 International Conference on Collaboration Technologies and Systems (CTS 2011), IEEE/ACM International Conference on Collaboration Technologies and Systems, Philadelphia, Pennsylvania, USA <http://cts2011.cisedu.info/>.

Description

SCOPE AND OBJECTIVES

Knowledge Management (KM) has been occupying, at least since the beginning of the nineties, an increasingly important place within organizations. The necessity to manage both explicit and tacit knowledge created and used in organizations has increased rapidly in recent years. Organizations have become aware of the importance of the invaluable capital owned by their members which corresponds to their experiences and accumulated knowledge about the firm's activities. Maintaining this capital is a powerful means to improve the level of economic performance of an organization. Thus, companies should invest in knowledge management projects in order to amplify the creation, the sharing and the transfer of explicit and tacit knowledge. Several techniques can be considered to develop and implement knowledge management and organizational memory systems, according to the type of organization, its needs, and its culture as well as the nature of knowledge to be capitalized. For example, knowledge-based approaches, corporate semantic web, case-based reasoning (CBR)-based approaches, ontology based approaches, agent-based approaches, etc.

The objective of this Special Issue is to gather contributions from both researchers and practitioners to discuss methodological, technical and organizational aspects of knowledge management, feedback of KM applications, especially using collaboration techniques for KM and employing KM to increase effective collaboration. Researchers and practitioners are invited to propose recent advances in methodologies, models and tools for managing knowledge in organizations and to discuss experiences of successful or unsuccessful knowledge management projects enhancing collaboration. Papers are welcomed in any research area concerning knowledge management and discovery such as knowledge engineering, artificial intelligence, information systems, and the knowledge economy. Target applications of this research and real world practice case studies include the following: automobile, biology, design, education, medicine, telecommunications, aeronautics and space, tourism, finance, public administration, social, etc.

Topics (include but are not limited to):

- Methodologies and Tools for Knowledge Management
- Knowledge Representation and Ontology
- Knowledge Acquisition and Evolution
- Retrieval and Delivery of Knowledge
- Knowledge Integration Languages
- KM for Collaboration and Decision Support
- Case-based Reasoning for KM
- Corporate Memories for KM
- Collective and Collaborative Intelligence
- Knowledge Management and Social Computing
- Knowledge Visualization
- Knowledge Management Systems & Applications
- Knowledge Sharing and Exchange
- Uncertainty and Vagueness in Knowledge Modeling
- Human-knowledge Interaction
- Knowledge Authoring & Knowledge Markup
- Agent-based Approaches to Knowledge Management
- Knowledge Management Maturity Models
- Large-scale Distributed Reasoning
- Communities of Practice
- Social and Human Factors in KM
- KM in Web2.0 and the Semantic Web
- Knowledge and Business Process Modeling

- Evaluation and Measurement of Required Knowledge
- Inter-Organizational Collaborative KM
- Provenance, Reliability and Trust in KM
- KM in Collaborative Software Development

IMPORTANT DATES

Publication: *KMRP* Volume 10, issue 4, December 2012
Paper Submissions: 30st September 2011
Acceptance Notification: 31st December 2011
Second round (if needed): 30th April 2012
Final version due: 30th June 2012

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PAPER SUBMISSION

Authors are invited to submit original and unpublished research works on the above or other topics related to knowledge management and collaboration. Submitted papers must not have been published or simultaneously submitted elsewhere.

Papers should be submitted online in either PDF or Ms Word format at <http://www.theorsociety.com> (Please indicate that your paper is intended for this Special Issue) and must comply with the *KMRP* Instructions to Authors at:

http://www.palgrave-journals.com/kmrp/author_instructions.html

- especially the requirement that author names should not appear anywhere in the manuscript file that is

submitted. A separate file must be submitted containing authors' names, affiliation addresses, fax numbers, phone numbers, and email addresses, and brief biographies for use if the paper is published.

Normal *KMRP* reviewing procedures and standards will apply. All papers will be double-blind reviewed by at least two reviewers. Papers will be selected for publication based on their originality, relevance, technical clarity and presentation. The *KMRP* web site is <http://www.palgrave-journals.com/kmrp>

The guest editors-chief Nada Matta (nada.matta@utt.fr) and Inès Saad (ines.saad@u-picardie.fr) will be happy to answer any questions.