

Guest Editors

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International Journal of Software Engineering and Knowledge Engineering

Call For Papers

Special Issue on Semantic Methods for Knowledge Management

<http://www.worldscinet.com/ijseke/>

Background and motivation

Semantic methods are very useful in knowledge processing and management. As we have a variety types of knowledge from heterogeneous information sources, it has been even more difficult to develop knowledge management systems. Efficient knowledge management remains a challenge in many research areas, e.g., knowledge acquisition, reuse and evaluation. Also, with a number of kinds of information system architectures, there should be relevant solutions to support knowledge management services.

In this special issue, we will concentrate on semantic methods for knowledge management in various information systems. The aim of this issue is to bring together researchers and practitioners in areas of distributed knowledge management and ontology-based systems to share their research achievements and experiences. This will give an opportunity to push further the discussion upon of knowledge integration across many academic and industrial communities.

The main contributions to this issue will come from the selected papers presented at the conference ACIIDS 2011 (Deagu, Korea 20-22 Apr. 2011), for which the proceedings have been published by Springer in series LNAI. These papers will be asked for extension (at least 30% new material) and will be peer reviewed by the Board of Reviewers.

List of topics (not limited to)

- Knowledge management and discovery
- Ontology Management and Integration
- Agent-based knowledge management
- Knowledge inconsistency on distributed computing
- Database support for virtual teams
- Database support for mobile collaboration
- Empirical software engineering
- Enterprise systems and supply chain integration
- Extreme modelling and extreme programming
- Information retrieval systems
- Intelligent information systems
- Information modelling and requirements engineering
- Intelligent agents and agent-based applications
- Knowledge based systems
- Semantic web and ontology
- Web databases and web-based information systems
- E-business and m-commerce models and architectures

Submission guidelines

Only high quality original papers will be selected after reviewing process. The papers should not be submitted and published in any journals or conferences. The submitted paper should be limited to **16–20** pages and formatted according to the journal style and guidelines. Instructions for potential authors can be found in the following webpage: <http://www.worldscinet.com/ijseke/mkt/guidelines.shtml>. Papers should be submitted using the online submission system:

www.easychair.org/conferences/?conf=smkm

Important dates

- Submission of full papers: **31 Dec 2011**
- First decision notification: **28 Feb 2012**
- Revised submission deadline: **31 Mar 2012**
- Final decision notification: **31 May 2012**
- Camera ready version submission: **30 June 2012**
- Publication date: **February 2013**

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