

Call For Papers
Special Issues of INFORMATION: An International Journal.

Special Issue on Engineering Knowledge and Semantic Systems in Korea

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Background and Motivation:

There have been many kinds of knowledge-based and ontology-based applications to support domain-specific knowledge modeling and the semantic dimension of information systems. Its emerging environment is characterised by intensive collaboration, cooperation and knowledge processing activities with formation of complex social and economical networks in the background. Various knowledge processing techniques are being used to address data portability and Web information discovery problems. More particularly, it is very important to investigate how to make the systems (e.g., networked organizations, organizational networks, and in distributed knowledge management) more practical. Modelling the dynamics and evolution of such complex systems, involving knowledge processing with intelligent information agents acting on behalf of thousands of users, is a new and promising research area with many practical applications.

The aim of this special issue is to bring together researchers and practitioners in areas of knowledge and intelligence, semantics, agents and grid computing to share their visions, research achievements and solutions, to resolve the challenge issues and to establish worldwide cooperative research and development. This will give an opportunity to push further the discussion upon the potential of knowledge and semantic systems across many communities.

List of possible topics:

- * Engineering and Simulating Knowledge-based Systems
- * (Multi)Agent-based systems
- * Ontology-based Systems
- * Ontology mapping and merging
- * Context and ontologies
- * Semantic social networks
- * Collaborative tagging on Web 2.0
- * Semantic and knowledge grids
- * Applications and case studies

Important Dates:

- * Submission of Full papers: April 30, 2010

- * First Decision Notification: May 31, 2010
- * Submission of Revised papers: June 30, 2010
- * Final Decision Notification: July 15, 2010
- * Estimated Publication Date: Winter 2010

Submission Instruction:

- * A standardized format for preparing papers. A Latex format and a MS Word format can be found in the web site <http://www.information-iii.org>
- * Each paper will have the maximum length 20 pages.
- * Please send your manuscripts via EasyChair System (<http://www.easychair.org/conferences/?conf=ekss10>).
- * If you have any questions, do not hesitate to ask the guest editor Dr. Jason J. Jung (j2jung@gmail.com) with Dr. Young-Shin Han (hanys@skku.edu).