



International Conference on Machine Learning and Cybernetics

19-22, August 2007, Hong Kong, China

Call For Papers on Invited Sessions “Ontology Technology and Its Applications”

In order to get high quality papers, we invite you to submit paper to Invited Session on Ontology Technology and Its Applications in International Conference on Machine Learning and Cybernetics (ICMLC) 2007, to be held 19-22 August, 2007 in Hong Kong.

● Description

Ontology has been utilized in the Information System (IS) discipline in the past as a basis for evaluating systems analysis modeling techniques and grammars. Ontological principles have also informed the development of organizational knowledge and knowledge management systems. It can provide mechanisms for structuring and storing generic IS content including database schemas, user interface objects, and application programs that can be customized and integrated into a functioning IS. In addition, it also can guide the development of new information systems by helping analysts/designers choose appropriate processes, algorithms, rules, and software components depending upon their needs. It has also been suggested recently that ontologies, frameworks, and systems are essentially knowledge artifacts at different levels of knowledge abstraction. It also appears that the emerging paradigms such as web services and the semantic web will enable the large-scale development, deployment, and sharing of ontologies and ontology-driven information systems. This special issue invites high-quality conceptual, analytical and empirical articles representing original contributions dealing with the design, technical, managerial, behavioral, and organizational aspects of ontology-driven information systems.

● Topic of Submission

- Ontology and the semantic web
- Multi-agent systems and ontologies
- Reasoning with ontologies
- Ontology harvesting on the web
- Ontology merging, alignment and integration
- Ontology management (Ontology Creation, Evolution, Mapping, Reasoning)
- Ontology-based information extraction and retrieval
- Knowledge management & discovery by ontology

● Important Dates

Paper Submission Deadline:	1 April 2007	Author Registration Deadline:	15 May 2007
Notification of Acceptance:	1 May 2007	Camera-Ready:	1 June 2007

● Submission Method

Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Chair (leecs@mail.nutn.edu.tw) on or before 1st April, 2007

● Organizers

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● Website

<http://www.icmlc.com>



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