



IEEE



华南理工大学 中山大学

International Conference on Machine Learning and Cybernetics 2005 18 – 21 August 2005, Guangzhou, China

Websites: <http://www.icmlc2005.hbu.edu.cn> <http://www.comp.polyu.edu.hk/~cike/icmlc2005>

Invited Session *Value-Added Applications for Knowledge Representation/Structure Researches*

Organizer:	<p>Maiga Chang National Science and Technology Program for e-Learning, Taiwan maiga@ms2.hinet.net</p> <p>Jia-Sheng Heh Chung-Yuan Christian University, Taiwan jsheh@ice.cycu.edu.tw</p>
Description:	<p>During the past few years, the knowledge structure is used for modeling and analyzing the learning sequence and the learning effects widely. Besides learning sequence and student's mental model, the knowledge structure also useful in re-organizing the teaching materials, knowledge management and generating test automatically. The session will focus on discussions on the issues of applying knowledge representation and/or structure to create value-added applications, such as IRT and KM applications, in both e-Learning and eBusiness fields.</p> <p>Suggested themes that the papers should be addressing include, but are not limited to:</p> <ul style="list-style-type: none"> - Modeling Learner's Mental Model using the Knowledge Structure Design - Designing Learning Activities for e-Learning with Knowledge Representation - Knowledge Management Applications - Systems of Item Response theory - Instructional Reusability with the Knowledge Structure Design - Authoring Tools for Knowledge Structure Design - Good practices in Knowledge Structure Design - Educational Systems using the Knowledge Structure Design
Submission Format:	<p>Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Chair (jsheh@ice.cycu.edu.tw or maiga@ms2.hinet.net) on or before April 30, 2005. The paper should be prepared according to the icmlc paper format. Authors will receive reviews by June 01, 2005. Camera ready copy of papers will be due by July 01, 2005.</p>