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

Invited Session Multiple Classifier Systems

<p>Organizer:</p>	<p>Daniel S. Yeung Hong Kong Polytechnic University csdaniel@comp.polyu.edu.hk</p> <p>Dit-Yan Yeung Hong Kong University of Science and Technology dyyeung@cs.ust.hk</p> <p>James T. Kwok Hong Kong University of Science and Technology jamesk@cs.ust.hk</p> <p>Wing W. Y. Ng Hong Kong Polytechnic University cswyng@comp.polyu.edu.hk</p>
<p>Description:</p>	<p>During the recent years, multiple classifier systems (MCS), which merge an ensemble of the same or different types of classifiers to deal with machine learning problems, has generated much interest among the machine learning researchers. This young and excited research area is yet to become mature and many research topics are still open for discussion and further exploration. We would like to invite you to come and share with us your experiences and latest research investigations in MCS in this year's International Conference on Machine Learning and Cybernetics (ICMLC 2005) to be held in Guangzhou, China.</p> <p>The invited session on MCS will focus on current MCS topics such as architecture design, fusion method, selection of member classifiers, generalization error for MCS systems, hybridization of different types of member classifiers, resampling method, feature selection method, learning theory, topology and applications of MCS.</p> <p>We solicit submissions for formal presentations or posters reporting novel research results in the following areas:</p> <ul style="list-style-type: none"> • Fusion method of ensemble of classifiers • Architecture design • Topology of member classifiers • Member classifiers selection • Hybridization of different types of member classifiers

	<ul style="list-style-type: none">• Resampling for training• Feature selection• Feature grouping• Active learning• Generalization error• Ensemble learning• Ensemble clustering and regression• Fusion of distributed intelligent agents• Applications of multiple classifier systems <p>http://www4.comp.polyu.edu.hk/~cswyng/ICMLC2005-MCS.html</p>
Submission Format:	Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Chair (cswyng@comp.polyu.edu.hk) on or before May 15, 2005. The paper should be followed the icmlc paper format. Authors will receive reviews by June 15, 2005. Camera ready copy of papers will be due by July 1, 2005.