



# 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>

## Call for Papers

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### Conference Chairs:

*Xizhao Wang*, Hebei Univ  
(wangxz@mail.hbu.edu.cn)  
*Ling Zhang*, S. China Univ of Tech  
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*Jiwu Huang*, Sun Yat-Sen University  
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*Daniel S. Yeung*, H.K. Polytechnic Univ  
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### Web Masters:

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*Patrick P.K. Chan*, H.K. Polytechnic Univ

The fourth International Conference on Machine Learning and Cybernetics (ICMLC 2005) will be held on 18 – 21 August 2005 in Guangzhou, the leading international metropolis in southern China. As with our previous three conferences, this event intends to bring together researchers and developers from the academic field and industry all around the world to share their research results and to explore research collaboration in the areas of machine learning and cybernetics. In the past the conference has attracted a large number of participants, which enabled contacts to be established and the fruitful exchange of ideas among participants. Along with paper presentations and prestigious keynote speeches, the conference will also offer tutorial on selected advanced topics of interest.

### Topics for Submission

We welcome submissions on all facets of machine learning and cybernetics. Topics include, but not limited to the following:

Adaptive Systems	Information Retrieval	Machine Learning Applications in
Artificial Neural Networks	Intelligent Agent	- Bio-Informatics
Approximate Reasoning	Business Intelligence	- Construction Project Management
Case-Based Reasoning	Intelligent Control Systems	- Financial Engineering
Data-Mining	Knowledge Based Systems	- Geo-Informatics
Evolutionary Computation	Knowledge Management	- Intelligent Transportation Systems
Feature Selection	Pattern Recognition	- Logistics
Fuzzy Control	Speech Recognition	- Medical Informatics
Fuzzy Systems and Theory	Support Vector Machines	- Natural Language Processing
Hybrid Systems	Wavelet & Multi-Resolution	- Network and Information Security
Inductive Learning	Web-Mining	- Power Supply

### Keynote Speakers

**Loffi Zadeh**, UC Berkeley, USA  
**Michael Jordan**, UC Berkeley, USA  
**Vladimir Vapnik**, Royal Holloway University of London, UK and AT&T, USA  
**Ian Cloete**, International University in Germany, Germany

### Tutorial Speakers

**Donald Brown**, University of Virginia, USA  
**Witold Pedrycz**, University of Alberta, Canada  
**Daniel S. Yeung**, Hong Kong Polytechnic University, Hong Kong

### Important Dates

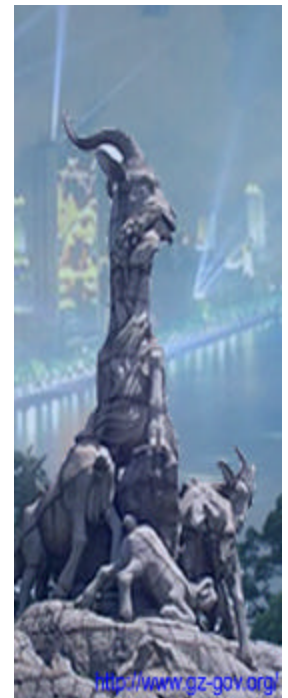
**Submission due:** 15-Apr-05      **Author registration Deadline:** 15-Jun-05  
**Notification of Acceptance:** 01-Jun-05      **Camera-Ready:** 1-July-05

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