



IEEE



# 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 Soft Computing

<b>Organizer:</b>	<p><b>Isao Hayashi</b> Faculty of Informatics, Kansai University, Japan ihaya@kcn.res.kutc.kansai-u.ac.jp <a href="http://www.hannan-u.ac.jp/kcn/">http://www.hannan-u.ac.jp/kcn/</a></p> <p>After developing soft computing methods as a staff researcher in the Sharp Corporation and Matsushita Electric Industrial (Panasonic) Co. Ltd, he was received Dr.Eng. Degree from Osaka Prefecture University in 1991, and be currently Professor of Faculty of Informatics at Kansai University. He is an Editorial Member of International Journal of Hybrid Intelligent Systems, Journal of Advanced Computational Intelligence and Intelligent Informatics and Journal of the Institute of System, Control and Information Engineers. He is also a Director of Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT), a Chair of the Technical Group on Brain and Perception in SOFT, and an Evaluation Member of the Project of Neuroinformatics Research in Vision of the MEXT, Japan. His research interests include visual perception models, neural networks, fuzzy systems, knowledge systems, brain systems etc.</p> <p><b>Tadahiko Murata</b> Kansai University, Japan murata@res.kutc.kansai-u.ac.jp <a href="http://www.res.kutc.kansai-u.ac.jp/~murata/">http://www.res.kutc.kansai-u.ac.jp/~murata/</a></p> <p>He was/is an organizer of the special sessions on Soft Computing at SMC conferences: SMC 2002 (Tunisia), SMC 2003 (Washington D.C., USA), SMC 2004 (Netherlands), SMC2005 (Hawaii, USA). He is currently a chair of Soft Computing Committee, IEEE SMC and an associate editor of IEEE Trans. on SMC-B. He was/is a member of Programming Committees of GECCO 2000-2005, EMO 2001, 2003, 2005, CEC 2005 and so on. He is also a chair of a special interest group on evolutionary computation in Japan Society for Fuzzy Theory and Intelligent Informatics (SOFT), and an editorial member of Journal of SOFT. His research interests include genetic algorithm, combinatorial problems, multi-objective optimization, decision making, multi-agent systems etc.</p>
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<b>Description:</b>	Recently, biologically inspired technologies such as neural networks, gain attentions from researchers. We would appreciate considering your present at our Invited Session(s) on Soft Computing. We are looking for having papers whose keywords include neural networks, fuzzy systems, evolutionary computation, reinforcement learning and/or other biologically inspired technologies. We will have hot discussions at ICMLC 2005 with those who are interested in improving the above methods or applying them to some practical problems.
<b>Submission Format:</b>	Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Chair (ihaya@kcn.res.kutc.kansai-u.ac.jp or murata@res.kutc.kansai-u.ac.jp) 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.