



IEEE



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

## Invited Session Bioinformatics

<b>Organizer:</b>	<p><b>Hong Yan</b> City University of Hong Kong h.yan@cityu.edu.hk</p> <p><b>Tuan Pham</b> James Cook University, Australia tuan.pham@jcu.edu.au</p> <p><b>Michael Berthold</b> Konstanz University, Germany Michael.Berthold@uni-konstanz.de</p> <p><b>Daniel Yeung</b> Hong Kong Polytechnic University csdaniel@inet.polyu.edu.hk</p>
<b>Description:</b>	<p>Bioinformatics is a relatively new and quickly thriving research field. It has attracted enormous interests from researchers in many disciplines, including computer science, electrical engineering, mathematics, and statistics. This special session aims to bring bioinformatics researchers together to discuss their latest research results and future research directions. We invite full paper submissions in but not limited to the following areas:</p> <ul style="list-style-type: none"> <li>- DNA and protein sequence analysis and comparison</li> <li>- Genomic pattern discovery and classification</li> <li>- Microarray data analysis</li> <li>- Genetic network inference and analysis</li> <li>- Data mining and database management</li> <li>- Visualization of biological data and processes</li> <li>- Applications of pattern recognition, neural nets, fuzzy logic and systems theories to bioinformatics</li> <li>- Biological and medical applications of bioinformatics</li> </ul>
<b>Submission Format:</b>	<p>Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to h.yan@cityu.edu.hk on or before April 30, 2005. The paper should be prepared according to the icmlc paper format. Authors will receive review comments by June 01, 2005. Camera-ready copy of papers will be due by July 01, 2005.</p>