

CALL FOR PAPERS



2006 Workshop on Pattern Recognition In Bioinformatics (PRIB '06)

August 20, 2006

Hong Kong Convention & Exhibition Centre
Hong Kong

Sponsored by

The IAPR Technical Committee (TC-20) on Pattern Recognition for Bioinformatics

Organized by

School of Computer Engineering, Nanyang Technological University, Singapore
Computer Science and Engineering, the Pennsylvania State University, USA

Held along with the International Conference on Pattern Recognition (ICPR'06):

<http://www.comp.hkbu.edu.hk/~icpr06/>

Scope of Workshop

The goal of the workshop is to present recent research results, including significant work-in-progress in the areas of pattern recognition applied to bioinformatics. It will bring together top researchers, practitioners, and students from around the world to discuss the applications of pattern recognition methods in the field of bioinformatics to solve problems in life sciences.

Topics of applications include but are not limited to: sequence analysis, gene and protein expression data analysis, structure prediction and folding, protein docking and drug design, metabolic pathway analysis, medical imaging and a variety of other topics.

Pattern recognition techniques of interests include: statistical, syntactic, and structural approaches, neural networks, fuzzy techniques, genetic algorithms, graphical models, data mining techniques and their hybrids.

The papers presented at the workshop will be published in the workshop proceedings.

The papers should follow IEEE conference format, as stipulated by ICPR'06, and not exceed 6 pages.

The IEEE conference proceeding formatting guidelines (8.5"x11") are located here:

[Conference Publishing Forms.](#)

All submissions will be electronic and should be done via PRIB'06 site:

<http://www.ntu.edu.sg/sce/prib06/>

Important Dates:

Deadline for paper submission:	February 15, 2006
Author notification:	April 1, 2006
Deadline for camera-ready papers:	May 16, 2006

The extended versions of the selected papers will be invited for publication in an edited book that we plan to submit to the Imperial College Press for publication in their "Advances in Bioinformatics and Computational Biology" book series.

Workshop Chair

Raj Acharya, USA

Program Chairs

Jagath C. Rajapakse, Singapore
Limsoon Wong, Singapore

Publicity Chairs

Phoebe Chen, Australia
Elena Marchiori, Netherlands
Mariofanna Milanova, USA

Local Organization Chair

Irwin King, Hong Kong

Secretary

Norhana Ahmad, Singapore

Program Committee

Shandar Ahmad, Japan
Tatsuya Akutsu, Japan
Ron Appel, Switzerland
Vladimir Brusil, Australia
Madhu Chetty, Australia
Francis Y.L. Chin, Hong Kong
Ching Ming Maxey Chung, Singapore
David Corne, UK
Carlos Cotta, Spain
Alexandru Floares, Romania
Gary B. Fogel, USA
Vivekanand Gopalkrishnan, Singapore
Saman K. Halgamuge, Australia
Dongsoo Han, Korea
Hsuan-Cheng Huang, Taiwan
Ming-Jing Hwang, Taiwan
Visakan Kadirkamanathan, UK
Nik Kasabov, New Zealand
Alex V. Kochetov, Russia
Natalio Krasnogor, UK
Chee Keong Kwoh, Singapore
Tak-Wah Lam, Hong Kong
Jinyan Li, Singapore
Alan Wee-Chung Liew, Hong Kong
Feng Lin, Singapore
Gary F. Marcus, USA
Hiroshi Matsuno, Japan
Satoru Miyano, Japan
Jason H. Moore, USA
Kenta Nakai, Japan
Ajit Narayanan, UK
Zoran Obradovic, USA
Marimuthu Palaniswami, Australia
Laxmi Parida, USA
Mihail Popescu, USA
Predrag Radivojac, USA
Jem Rowland, UK
Alexander Schliep, Germany
Bertil Schmidt, Singapore
Alessandro Sette, USA
Roberto Tagliaferri, Italy
Gwenn Volkert, USA
Michael Wagner, USA
Haiying Wang, N. Ireland
Lusheng Wang, Hong Kong
Wei Wang, China
Banzhaf Wolfgang, Canada
Jiahua (Jerry) Wu, UK
Ying Xu, USA
Hong Yan, Hong Kong
Yanqing Zhang, USA

Information

PRIB'06 Workshop Secretariat
Bioinformatics Research Centre
c/o School of Computer Engineering
Nanyang Technological University
50 Nanyang Avenue
Singapore 639798
Tel: +65 67906609
Fax: +65 63162780
Email: prib06@ntu.edu.sg