



APBC 2007

The Fifth **Asia-Pacific
Bioinformatics Conference**

Hong Kong, 15 - 17 January 2007

<http://www.cs.hku.hk/apbc2007>

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The Asia-Pacific Bioinformatics Conference series is an annual forum for exploring research, development, and novel applications in bioinformatics. The Fifth Asia-Pacific Bioinformatics Conference, APBC2007, will be held in Hong Kong.

High-throughput sequencing and functional genomics technologies have given us a human genome sequence and have enabled large-scale genotyping and gene expression profiling of human populations. Databases containing large numbers of sequences, polymorphisms, and gene expression profiles of normal and diseased tissues in different clinical states are rapidly being generated for human and model organisms. Bioinformatics is thus rapidly growing in importance in the understanding of the interplay between genes and proteins, in the analysis of the genetic variability of species, etc. The aim of this conference is to bring together researchers, professionals, and industrial practitioners for interaction and exchange of knowledge and ideas. We invite submissions that address conceptual and practical issues of bioinformatics.

TOPICS OF INTEREST

Typical, but not exclusive, topics of interest include:

- Sequence Analysis
- Motif Finding
- Recognition of Genes
- RNA Analysis
- Physical and Genetic Mapping
- Evolution and Phylogeny
- Protein Structure Analysis
- Microarray Design
- Transcriptome, Gene Expression
- Proteomics
- Pathways, Networks and Systems
- Ontologies
- Databases and Data Integration
- Text Mining
- Population Genetics/SNP/Haplotyping
- Comparative Genomics, Genome rearrangements
- Applications

IMPORTANT DATES (Tentative)

Submission of papers:	Jul 15, 2006
Notification of paper acceptance:	Sep 15, 2006
Submission of posters:	Sep 30, 2006
Camera-ready copy & Author registration:	Oct 10, 2006
Notification of poster acceptance:	Oct 20, 2006
Conference:	Jan 15 - 17, 2007

PROGRAM COMMITTEE

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SUBMISSION GUIDELINES

APBC2007 invites high-quality original papers on any topic related to Bioinformatics. Papers should be no more than 10 pages in length, all-inclusive -- title, addresses, abstract, text, figures, tables, and references, conforming to the formatting instructions for the series *Advances in Bioinformatics & Computational Biology* (instructions available at the APBC2007 website). Papers will be judged on originality, significance, correctness, and clarity. Authors should submit one copy of a PDF file to APBC2007 Paper Submission Website. The full paper must be submitted by 15 July 2006. The proceedings will be published as a volume in the series *Advances in Bioinformatics & Computational Biology* by Imperial College Press. Expanded version of the selected papers will be invited for publication in the *Journal of Bioinformatics and Computational Biology*. Inclusion of a paper in the proceedings is contingent on one of the authors registering and presenting at the conference.