First Call for Papers
7th International Symposium on Bioinformatics Research and Applications
May 27-29, 2011, *Central South University, Changsha, China*
http://www.cs.gsu.edu/isbra/

The *International Symposium on Bioinformatics Research and Applications* (ISBRA) provides a forum for the exchange of ideas and results among researchers, developers, and practitioners working on all aspects of bioinformatics and computational biology and their applications. Submissions presenting original research are solicited in all areas of bioinformatics and computational biology, including the development of experimental or commercial systems. Topics of interest include but are not limited to:

Biomedical databases and data integration	High-performance bio-computing
Biomolecular imaging	High-throughput sequencing data analysis
Bio-ontologies	Molecular evolution
Comparative genomics	Molecular modeling and simulation
Computational genetic epidemiology	Pattern discovery and classification
Computational proteomics	Population genetics
Data mining and visualization	Software tools and applications
Gene expression analysis	Structural biology
Genome analysis	Systems biology

We seek two categories of submissions: *extended abstracts* of up to 12 pages in Springer LNCS format, and *short abstracts* of up to 4 pages. Both types of submissions must be made electronically by following the instructions at http://www.easychair.org/conferences/?conf=isbra2011i. Submission implies willingness of at least one author to register and present at the symposium.

Accepted extended abstracts will be published prior to the symposium in Springer-Verlag's Lecture Notes in Bioinformatics series and presented orally at the symposium. Accepted short abstracts will be published online and on CD-ROM and selected for either oral or poster presentation. As in previous years, full versions of selected extended abstracts presented at the symposium will be invited to a peer-reviewed special issue of *IEEE/ACM Transactions on Computational Biology and Bioinformatics*. The authors of remaining extended and short abstracts will be invited to submit full versions to a peer-reviewed volume to be published after the symposium in BMC Bioinformatics.

Important Dates

	Extended Abstracts (12 pages)	Short Abstracts (4 pages)
Submission deadline	**February 11, 2011**	**April 8, 2011**
Notification of acceptance	**March 11, 2011**	**April 22, 2011**
Final version due	**March 18, 2011**	**April 29, 2011**

Steering Chairs
Dan Gusfield (UC Davis)
Yi Pan (Georgia State)
Marie-France Sagot (INRIA)

General Chairs
Mona Singh (Princeton)
Lijian Tao
    (Central South University)
Albert Y. Zomaya
        (University of Sydney)

Program Chairs
Jianer Chen (Texas A&M)
Jianxin Wang
        (Central South University)
Alexander Zelikovsky
        (*Georgia State)