



Call For Papers

IEEE Computational Systems Bioinformatics Conference



Stanford, CA • August 16-19, 2004

You are invited to submit a paper to the 2004 IEEE Computational Systems Bioinformatics Conference (CSB2004). The conference's goal is to facilitate collaboration between computer scientists and biologists by presenting cutting edge computational biology research findings. While such research has an interdisciplinary character, CSB2004 emphasizes the computational and systems aspects of bioinformatics research. Computer science papers must contain a concise description of the biological problem being solved, and biology papers must stress the computational and systems aspects of the results. CSB2004 will accept 30 papers for podium presentation, and these will be published in the conference proceedings. Topics of interest include (but are not limited to):

- Microarray Analysis
- High Content Analysis
- RNAi Analysis
- Pathways, Networks, Systems Biology
- Biomedical Research
- Visualization
- Protein Structure and Analysis
- Data Mining
- Pattern Recognition
- Mathematical and quantitative models of cellular and multicellular systems
- Synthetic Biological Systems
- Sequence Alignment
- Evolution and Phylogenetics
- Functional Genomics
- High Performance Computing
- Comparative Genomics
- SNPs and Haplotyping
- Promoter Analysis and Discovery

Papers are limited to 12 pages, single-spaced, in 12-point type, including title, abstract (250 words or less), figures, tables, text, and bibliography. The first page should give keywords, authors' postal and electronic mailing addresses. Papers must not have been previously published and must not be currently under consideration for publication elsewhere. Submit papers electronically in MS Word, postscript or PDF format to <http://csbl.bmb.uga.edu/conference/CSB2004/webconf/>. A select subset of accepted papers will be invited to publish an extended version in the *Journal of Bioinformatics and Computational Biology*. The Best Paper will be selected by the program committee and announced at the awards ceremony.

Submissions must be received no later than March 22, 2004. Authors will be notified of their submission's status by May 10, 2004, and final corrected versions of accepted papers must be received by June 7, 2004.

Note

For each accepted paper at least one author must be registered in CSB2004 to be included in the *IEEE Computer Society Bioinformatics Proceedings* and to be presented in the plenary session.

Important Dates:

Submission deadline: March 22, 2004

Paper acceptance decision: May 10, 2004

Final revised draft due to publisher: June 7, 2004

Send e-mail queries to bioinformatics@computer.org.

Please post this CFP for your colleagues to see.

Program Committee

Serafim Batzoglou, Stanford University
Terry Braun, University of Iowa
Jake Chen
Phoebe Chen, Deakin University
Terry Gaasterland, Rockefeller University
Sridhar Govindarajan, DNA 2.0, Inc.
Roderic Guigo, Instituto Municipal de Investigacion Medica
Dan Gusfield, UC Davis
Bailin Hao, Academia Sinica
Sorin Istrail, Celera
Tao Jiang, University of California Riverside
Chug-Sheng Li, IBM Research
Ming Li, University of Waterloo
Jun Liu, Harvard University
Xiaole Shirley Liu, Harvard University
Shoudan Liang, NASA Ames Research Center
Ann Loraine, University of Alabama, Birmingham
Peter Markstein, Hewlett-Packard, co-chair
Satoru Miyano, University of Tokyo
Sean Mooney, Indiana University
Shamkant Navathe, Georgia Institute of Technology
Ruth Nussinov, National Cancer Institute and Tel Aviv University
Youlian Pan, National Research Council Canada
Antonio Piccolboni, Affymetrix Corp
Sven Rahmann, Max Planck Institute for Molecular Genetics
Steven Salzberg, The Institute for Genomic Research
Gustavo Stolovitzky, IBM
Dennis Wall, Harvard Medical School
Liping Wei, Nexus Genomics
Stephen Wong, Harvard Medical School and Brigham & Women's Hospital
Dong Xu, University of Missouri
Ying Xu, University of Georgia, co-chair
YanChing Q Zhang, IBM Healthcare and Life Sciences Solutions