



CALL FOR PAPERS

COMPUTATIONAL SYSTEMS BIOINFORMATICS

CSB2008

AUGUST 25-29, 2008 STANFORD, CALIFORNIA

You are invited to submit papers to the 2008 Life Sciences Society Computational Systems Bioinformatics Conference (CSB2008). The conference's goal is to facilitate exchange of ideas and collaborations between computer scientists and biologists by presenting cutting-edge computational biology research findings. Such research has an interdisciplinary character. Computer science and mathematical modeling papers must contain a concise description of the biological problem being solved, and biology papers should show how computation or analysis affects the results. Topics of interest include (but are not limited to):

- Sequence comparison
- Promoter Analysis and Discovery
- Biological Data Mining and Visualization
- Evolution and Phylogenetics
- Protein Structures and Complexes
- Microarray Data Analysis
- Pathways, Networks, Systems Biology
- SNPs and Haplotyping
- Biological literature Mining
- Executable Biology
- Mathematical and quantitative models of cellular and multicellular systems
- High Performance Bio-Computing
- Functional Genomics
- Comparative Genomics
- Metagenomics
- Drug Discovery
- Chemical Genetics
- RNAi
- Bioenergy
- MicroRNA
- Biomedical Applications
- Translational Research
- Microbial community analysis
- Synthetic Biological Systems

Full 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. Papers will be submitted electronically in MS Word, postscript or PDF format.

The conference will also accept short papers, limited to four pages. These papers should describe new research activity in which a complete set of results may not yet be available. Full and short papers will have 25 and 15 minutes, respectively, of presentation time. Paper submissions can be made at the site <http://csbl.bmb.uga.edu/conference/CSB2008/webconf/>

Medline indexes papers appearing in CSB Proceedings. 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.

Important Dates:

- Submission deadline: **extended to March 31, 2008**
- Paper acceptance decision: May 5, 2008
- Final revised draft due to publisher: May 25, 2008

Send e-mail enquiries to CSB2008@LifeSciencesSociety.org. Information about poster submissions and tutorial proposals will be posted at <http://www.LifeSciencesSociety.org>

For more details, go to <http://CSB2008.org>