FIRST CALL FOR PAPERS

FIFTH ANNUAL INTERNATIONAL CONFERENCE ON COMPUTATIONAL MOLECULAR BIOLOGY (RECOMB 2001)

April 22-25, 2001
Montréal, Canada
http://recomb2001.gmd.de

The Fifth Annual Conference on Research in Computational Molecular Biology (RECOMB 2001), sponsored by the Association for Computing Machinery Special Interest Group on Algorithms and Computation Theory (ACM-SIGACT) with support from Celera Genomics, Compugen, IBM Corporation, SLOAN Foundation, International Society for Computational Biology (ISCB), SmithKline Beecham, US Department of Energy, and US National Science Foundation will be organized by Centre de recherches mathématiques, Université of Montréal, in Montreal, Canada on April 22-25, 2001. The conference will be held at the Montréal Wyndham Hotel.

Papers reporting on original research (both theoretical and experimental) in all areas of computational molecular biology are sought, including surveys of important recent results/directions. Typical but not exclusive topics of interest include:

- Genomics
- Molecular sequence analysis
- Recognition of genes and regulatory elements
- Molecular evolution
- Protein structure
- Gene expression
- Gene networks
- Combinatorial libraries and drug design
- Computational proteomics
- Structural and functional genomics

ABSTRACT SUBMISSION:
Authors are encouraged to submit their abstracts ELECTRONICALLY.
The respective email address is recomb01@sigact.acm.org.
Electronic submission instructions can be found at http://sigact.acm.org/~recomb01/RECOMB2001.html
Authors who are unable to do so are requested to send 10 copies (preferably two-sided copies) to:

Thomas Lengauer, Program Chair RECOMB 2001
Institute for Algorithms and Scientific Computing
GMD - German National Research Center for Information Technology
Schloss Birlinghoven , 53754 Sankt Augustin, Germany
Tel: +49 2241 14 2777
Fax: +49 2241 14 2656
email: recomb2001@gmd.de

Abstracts must be received by September 30, 2000, 23:59 local time. This is a firm deadline. Simultaneous submission to another conference or journal is allowed. Authors are asked to inform the program chair at the time of submission of the simultaneous submission. The deadline for submission to RECOMB 2001 has been extended to Oct 5, 2000 23:59 middle European time.

CONFERENCE PROCEEDINGS:
The extended abstracts for the conference will be published by ACM Press and will be available at the conference. If the paper has been accepted to another conference or a journal before RECOMB 2001, the authors will be allowed only a short abstract (1 page) in the proceedings of RECOMB 2001 and not an extended abstract. A selection of the accepted extended abstracts in their final journal versions will be invited to appear in a special issue of the Journal of Computational Biology devoted to RECOMB 2001.

NOTIFICATION:
The conference submissions will be refereed by the program committee. Authors will be notified of acceptance or rejection

by a letter mailed on or before December 8, 2000. A final copy of each accepted paper is required by January 5, 2001. An author of each accepted paper is expected to attend the conference and present the paper; otherwise alternative arrangements should be made to have the paper presented.

ABSTRACT PREPARATION:
An abstract should start with a succinct statement of the problem, the results achieved, their significance and a comparison with previous work. This material should be understandable to non-specialists. A technical exposition directed to the specialist should follow. The length, excluding cover page and bibliography, should not exceed 10 pages. The manuscript should be easy to read, using at least 11 point font size on U.S. standard 8 1/2 by 11 inch paper with no less than one inch margin all around. If authors believe that more details are absolutely necessary to substantiate the claims of the paper, they may include a clearly marked appendix. An email address for the contact author should be included. Abstracts that deviate significantly from these guidelines risk rejection without consideration of their merits.

INVITED SPEAKERS:
George Church, Philip Sharp, Ruedi Aebersold, Mark Adams, Roger Brent, Franz Lang, Klaus Lindpaintner, Yvonne Martin, Mark Ptashne

CALENDAR:

Deadline for submission of papers:	Sep 30, 2000 (extended until Oct 5, 23:59 MET)
Notification of acceptance/rejection:	Dec 5, 2000
Deadline for reception of final papers:	Jan 5, 2001

STEERING COMMITTEE:
Sorin Istrail, Richard Karp, Thomas Lengauer, Pavel Pevzner, Ron Shamir, Michael Waterman

PROGRAM COMMITTEE:
Steve Bryant, Philipp Bucher, Gordon Crippen, Antoine Danchin, Sridhar Hannenhalli, David Haussler, Liisa Holm, Sorin Istrail, Minoru Kanehisa, Richard Karp, Thomas Lengauer (Chair), Hans-Peter Lenhof, Michal Linial, Satoru Miyano, Pavel Pevzner, Isidore Rigoutsos, Ron Shamir, Donna Slonim, Terry Speed, Mike Sternberg, William Taylor, Martin Vingron, Tandy Warnow, Michael Waterman, Ralf Zimmer

ORGANIZING COMMITTEE:
David Sankoff (Conference Chair), Nadia El-Mabrouk, François Major, Thomas Hagedorn, Louis Pelletier, Université de Montréal, Montréal, Canada, Michael Hallett, McGill University, Montréal, Canada, Thomas Lengauer (Program Chair), Theo Mevissen, Ralf Zimmer, GMD - German National Research Center for Information Technology, Sankt Augustin, Germany

INFORMATION:

David Sankoff,	Thomas Lengauer
Conference Chair RECOMB 2001	Program Chair RECOMB 2001
Centre de recherches math	Institute for Algorithms and Scientific Computing
Université de Montréal	GMD - German National Research Center for Information Technology
C.P. 6128, Succ. Centre-Ville	Schloss Birlinghoven
Montréal (Québec)	53754 Sankt Augustin;
CANADA H3C 3J7	Germany
Tel: (514) 343-7501	Tel: +49 2241 14 2777
Fax: (514) 343-2254	Fax: +49 2241 14 2656
email: recomb01@CRM.UMontreal.CA	email: recomb2001@gmd.de

RECOMB 2001 Website: http://recomb2001.gmd.de