



EURO Working Group on OR in Computational Biology, Bioinformatics and Medicine

Association of European OR Societies

BIOPTRAIN

Koç University

Institute of Computing Science
Poznan University of Technology

Institute of Applied Mathematics, METU

Dipartimento delle Tecnologie dell'Informazione e delle Comunicazioni & Istituto di Analisi dei Sistemi ed Informatica "Antonio Ruberti" - CNR

The Continuous Optimization Working Group of EURO

Mini EURO Conference on Computational Biology, Bioinformatics and Medicine Rome, Italy, September 15-17, 2008

<http://euro-cbbm.ku.edu.tr/RomeConference/homepage.htm>

Objectives of the Conference

The EURO-CBBM Conference is organized by the EURO Working Group on Operational Research in Computational Biology, Bioinformatics and Medicine. The objective of the conference is to bring together researchers developing and using computational methods to solve problems in computational biology, bioinformatics and medicine.

Areas of Interest

We welcome researchers from different backgrounds addressing challenging problems in computational biology, bioinformatics and medicine including but not limited to:

- *biomolecular sequence analysis,*
- *comparative genomics,*
- *phylogenetics,*
- *modelling and prediction of gene patterns,*
- *microarray informatics,*
- *protein structure prediction,*
- *protein interactions,*
- *genetic networks,*
- *analysis of genetic variations,*
- *systems biology,*
- *gene classification (e.g., for protection of gene pools),*
- *docking and drug design,*
- *modeling and analysis of metabolic networks.*

Invited Speakers

Alberto Apostolico (*Georgia Institute of Technology*)
 Costas Maranas (*Pennsylvania State University*)
 Martin Vingron (*Max Planck Institute for Molecular Genetics*)

Venue

Consiglio Nazionale delle Ricerche (CNR) Piazzale Aldo Moro 7, Rome

Important Dates

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|-------------------------------------|-----------------------|
| - Deadline for abstract submission: | May 15, 2008 |
| - Notification of acceptance: | June 5, 2008 |
| - Deadline for early registration: | July 15, 2008 |
| - Conference: | September 15-17, 2008 |

Abstract Submission and Registration

Abstracts of no longer than 500 words are being accepted until May 15, 2008. You can submit your abstracts and register for the Mini EURO Conference on Computational Biology, Bioinformatics and Medicine at <http://euro-cbbm.ku.edu.tr/RomeConference/homepage.htm>.

Conference Publications

Journal of Mathematical Modeling and Algorithms will publish a special issue on Operational Research Models for Computational Biology, Bioinformatics and Medicine. All submissions must be focused on the topic of the special issue and belong to the general scope of Journal of Mathematical Modeling and Algorithms.

Guest Editors: Prof. Dr. Jacek Blazewicz, Prof. Dr. Paola Bertolazzi, Assoc.Prof. Dr. Metin Türkay.

Submission Details: Detailed information about the journal and author submission guidelines can be found under <http://www.springer.com/math/journal/10852>. The authors should submit their manuscripts before November 15, 2008.

Program Committee

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