

CIBB 2009

SIXTH INTERNATIONAL MEETING ON COMPUTATIONAL INTELLIGENCE METHODS FOR BIOINFORMATICS AND BIostatISTICS

<http://cibb09.disi.unige.it/>

15-17 October, 2009 Genova (Italy)

ORGANIZED BY

INNS International Neural
Network Society SIG
Bioinformatics
Human Health Foundation
GNCS Gruppo Nazionale
Calcolo Scientifico
SIREN Italian Neural
Networks Society
DISI Univ. Genova (Italy)
DMI Univ. Salerno (Italy)

STEERING COMMITTEE

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A. Floares (Romania)
J. Garibaldi (UK)
F. Masulli (Italy&USA)
R. Tagliaferri (Italy)

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CHAIRS

F. Masulli (Italy&USA)
L. E. Peterson (USA)
R. Tagliaferri (Italy)

SCOPE AND TOPICS

The main goal of the CIBB meetings is to provide a forum open to researchers from different disciplines to present and discuss problems concerning computational techniques in bioinformatics, systems biology and medical informatics with a particular focus on Neural Networks, Machine Learning, Fuzzy Logic, and Evolutionary Computation methods.

Technical areas addressed by CIBB 2009 include, but are not limited to: Sequence analysis, promoter analysis and identification of transcription factor binding sites; Gene expression data analysis; Methods for the integration of clinical and genetic data; Algorithms for alternative splicing analysis; Methods for the functional classification of genes; Methods for the unsupervised analysis, validation and visualization of structures discovered in bio-molecular data; Prediction of secondary and tertiary protein structures; Mass spectrometry data analysis in proteomics; Methods for comparative genomics; Algorithms for molecular evolution and phylogenetic analysis; Mathematical modeling and simulation of biological systems; Heterogeneous data integration and data fusion for diagnostics; Bio-molecular databases and data mining; Algorithms for pharmacogenetics; Bio-medical text mining and imaging; Methods for diagnosis and prognosis; Software tools for bioinformatics.

IMPORTANT DATES

Tutorial and Special session Proposals:	1 March 2009
Paper submission deadline:	15 April 2009
Notification of acceptance:	15 June 2009
Final papers due:	15 July 2009
Conference:	15-17 October 2009

SUBMISSION OF PAPERS

Papers must be prepared following the guidelines illustrated on the CIBB web site and cannot be longer than 10 pages. Then the submission will be done by up-loading their PDF version on the CIBB web site.

PROCEEDINGS

All the accepted papers submitted by registered participants to CIBB 2009 will be published in the compact disk of conference proceedings. A selection of papers presented at CIBB 2009 will be published in revised extended form as a post conference volume of Lecture Notes in Bioinformatics LNBI/LNCS series of Springer Verlag. We are also planning to edit a special issue of an international journal containing contributions of the authors of the best papers presented to CIBB 2009.

VENUE

Oratorio San Filippo Neri, Via Lomellini 12, 16124 Genova (Italy).

WEB PAGE/CONTACT

The web page of CIBB 2009 is <http://cibb09.disi.unige.it/>
Contact the chairs of CIBB 2009 at cibb2009chair@unige.it