



ACM-BCB 2012

ACM Conference on Bioinformatics, Computational Biology and Biomedicine 2012
Call for Papers, Posters, Tutorials and Workshops

Orlando, Florida
October 7-10, 2012

Call for Papers, Posters, Tutorials and Workshops ACM International Conference On Bioinformatics, Computational Biology, and Biomedicine (ACM-BCB 2012)

October 7-10 2012

Embassy Suites, Downtown Orlando, FL

ACM-BCB Website: <http://www.cse.buffalo.edu/ACM-BCB2012>

Key Dates

Workshop proposals	Feb. 14, 2012
Paper Submission	May 14, 2012
Poster Submission	June 16, 2012
Notification to Authors	July 16, 2012

Organizing Committee

Steering Committee Chair

Aidong Zhang, State University of New York at Buffalo

General Chair

Sanjay Ranka, University of Florida

Program Co-chairs

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Mona Singh, Princeton University

Workshop Chair

Vasant Honavar, Iowa State University

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Local Arrangement Chairs

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Jing Gao, State University of New York at Buffalo

ACM BCB is the main flagship conference of the ACM SIG Bioinformatics. The conference will provide a premier forum for interdisciplinary and multidisciplinary research encompassing disciplines of computer science, mathematics, statistics, biology, bioinformatics, and biomedicine. The last two decades have led to a tremendous growth in the size and dimensionality of biological and biomedical data. This conference serves to provide information on leading edge in research in processing, modeling and analyzing these datasets for a variety of applications.

We invite contributed papers, posters, workshops and tutorials in the topic areas listed below. Please refer to the conference website for more details.

We also invite contributed presentations for papers that have been published in a journal after January 1, 2012. Only one page abstracts for these papers will appear in the proceedings. Please refer to the conference website for more details.

Topics

- Genomics and Evolution
- Protein and RNA Structure, Protein Function, and Proteomics
- Computational Systems Biology
- Next Generation Sequencing Data
- Medical Informatics and Translational Bioinformatics
- Cross-Cutting Computational Methods
- Bioinformatics Infrastructure
- Immunoinformatics and Computational Immunology
- Computational Epidemiology
- Image Analysis
- Knowledge Representation and Inference
- Integration of Biomedical Data
- Databases, Knowledgebases & Ontologies
- Text Mining and Natural Language Processing



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Bioinformatics
ACM Special Interest Group