Call for Papers
-= DEADLINE EXTENDED =-

2011 ACM Conference on Bioinformatics, Computational Biology and Biomedicine (ACM BCB 11)

August 1-3, 2011, Chicago, Illinois

www.acmbcb.org

The ACM Conference on Bioinformatics, Computational Biology and Biomedicine (ACM BCB) is the main conference of the newly formed ACM SIG Bioinformatics.

This is the second year of the ACM BCB Conference. Over 200 people attended ACM BCB 10, which took in Niagara Falls, NY on August 2-4, 2010.

ACM BCB 11 will be held in Chicago at the Hilton Suites Chicago – Magnificent Mile from August 1-3. The conference welcomes high quality, original research papers. Papers should contain new algorithms or novel computational approaches in the broad areas of bioinformatics, computational biology and biomedicine. Papers that use existing computational techniques in new and interesting ways leading to novel biological discoveries are also welcome. Topics of interest include but are not limited to:

- Genomics: Structural, Functional, and Comparative
- Molecular Networks: Proteomics, Transcriptomics & Metabolomics
- Phylogenetics at Gene and Genome Levels
- Computational Systems Biology
- Immunoinformatics and Computational Immunology
- Computational Epidemiology
- Biomedical and Translational Informatics
- Databases, Knowledgebases & Ontologies for Bioinformatics
- Machine Learning, Image Analysis, Knowledge Representation and Inference
- Integration of Biomedical Data
- Text Mining and Natural Language Processing in Biomedicine
- Hardware and Software Infrastructure for Biomedicine

The best of the accepted papers will be published in special issues of four journals. See the web site for details.

Important dates: (http://acmbcb.org/important-dates/)
Electronic submission of full papers: **March 21, 2011** (New deadline)
Notification of acceptance: April 25, 2011
Camera-ready submission of accepted papers: May 10, 2011
Conference dates: August 1-3, 2011

Workshop proposal submission: February 1, 2011
Tutorial proposal submission: March 21, 2011
Poster submission: April 30, 2011

General Chairs
Robert Grossman, University of Chicago
Andrey Rzhetsky, University of Chicago

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Sun Kim, Indiana University Bloomington
Wei Wang, University of North Carolina at Chapel Hill