

ACM Conference on Bioinformatics, Computational Biology and Biomedicine
Chicago, Illinois, August 1-3, 2011
www.acmbcb.org

Workshop proposals: Feb. 1, 2011
Paper submission: March 1, 2011
Acceptance: April 15, 2011
Camera-ready: May 1, 2011

Four Journal Special Issues:

- BMC Bioinformatics
- Journal of Bioinformatics and Computational Biology,
- Journal of Biomedicine and Biotechnology (pending approval)
- ACM SIG Bioinformatics Newsletter

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Local Arrangements

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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, 2011. 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