Call for Papers, Workshops and Tutorials

ACM Conference On Bioinformatics, Computational Biology and Biomedical Informatics (ACM-BCB 2013)

September 22-25 2013

DoubleTree by Hilton Hotel Bethesda - Washington DC

ACM-BCB Website: http://www.cse.buffalo.edu/ACM-BCB2013

Key Dates

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Organization Committee

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- Vasant Honavar, Iowa State University, Conference Director

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The ACM Conference on Bioinformatics, Computational Biology and Biomedical Informatics (ACM BCB) is the flagship conference of the ACM SIGBCB. This is the conference’s fourth year, building upon the success of the first three meetings in Niagara Falls, Chicago, and Orlando.

The conference offers a forum for premier interdisciplinary research linking computer science, mathematics, statistics, biology, bioinformatics, and biomedical informatics. The past two decades have led to a tremendous growth in the size and dimensionality of biological and biomedical data. This conference serves to showcase leading-edge research in processing, modeling and analyzing these datasets for a variety of applications.

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

ACM BCB 2013 welcomes original submissions that have not been published and that are not under review by another conference or journal.

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
- Biomedical Image Analysis
- Knowledge Representation and Inference
- Integration of Biomedical Data
- Databases, Knowledgebases & Ontologies
- Text Mining and Natural Language Processing