Notice to Contributing Authors to SIG Newsletters

By submitting your article for distribution in this Special Interest Group publication, you hereby grant to ACM the following non-exclusive, perpetual, worldwide rights:

• to publish in print on condition of acceptance by the editor

• to digitize and post your article in the electronic version of this publication

• to include the article in the ACM Digital Library and in any Digital Library related services

• to allow users to make a personal copy of the article for noncommercial, educational or research purposes

However, as a contributing author, you retain copyright to your article and ACM will refer requests for republication directly to you.
SIGBIO Record - Submission Guidelines

Submission categories

Submissions to the newsletter can be either on a special issue topic or on topics of general interest to the SIGBIO community.

These can be in any one of the following categories:

- Survey/tutorial articles (short) on important topics.
- Topical articles on problems and challenges
- Well-articulated position papers.
- Review articles of technical books, products and .
- Reviews/summaries from conferences, panels and special meetings within 1 to 4 pages [1500-2500 words]
- Book reviews and reports on relevant published technical books
- PhD dissertation abstracts not exceeding 10 pages
- Calls and announcements for conferences and journals not exceeding 1 page
- News items on the order of 1-3 paragraphs

Brief announcements

Announcements not exceeding 5 lines in length can simply be sent as ASCII text to the editors by e-mail. SIGBIO Record publishes announcements that are submitted as is without review.

Announcements cannot be advertisements and should be of general interest to the wider community. The Editor reserves the right to reject any requests for announcements at his discretion.

Authors are invited to submit original research papers or review papers in all areas of bioinformatics and computational biology. The papers published in SIGBioinformatics Record will be archived in ACM Digital Library. Papers should follow the ACM format, and there is no page limitation.

http://www.acm.org/sigs/publications/proceedings-templates

Submissions should be made via email to the editor Pierangelo Veltri (University Magna Graecia of Catanzaro, Italy),
ACM-BCB 2017 Call for Papers
Boston, MA, August 21-24 2017
acm-bcb.org

The 8th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM BCB) is the flagship conference of the ACM SIGBio. ACM-BCB 2017 is the conference's eighth year, building upon the success of the first seven meetings in Niagara Falls, Chicago, Orlando, Washington DC, Newport Beach, Atlanta and Seattle.

ACM-BCB 2017 will be held in Boston, MA August 21-24, 2017. The conference is the premier conference dedicated to interdisciplinary research linking computer science, mathematics, statistics, biology, bioinformatics, biomedical informatics, and health informatics. The past few decades have seen tremendous growth in the scale and complexity of biological and medical data including recent mainstream recognition of big data challenges. This conference serves to showcase leading-edge research on new technologies and techniques around gathering, processing, analyzing, and modeling of data and information for a variety of scientific, clinical, and healthcare applications, from bench to bedside.

In addition, this year ACM-BCB 2017 will be co-located with the Workshop on Algorithms in Bioinformatics (WABI).

ACM-BCB 2017 welcomes original submissions that have not been published or under review. Accepted papers will be published in the ACM-BCB conference proceedings and appear in the ACM Digital Library (note that ACM copyright permissions are directly compatible with NIH and similar open-access policies, see authors.acm.org/main.html for more information). In addition, there is a separate Highlights track for authors who wish to present platform talks for papers that have already appeared in refereed journals; see the conference website for more information. Examples of relevant topics include, but are not limited to, the following:

- Systems Biology
- Automated Diagnosis and Prediction
- Biological Modeling
- Application to Healthcare Processes
- Inferring Phylogenies and Haplotypes
- Text Mining and Classification
- Sequence Analysis and Genome Assembly
- Knowledge Representation Applications
- Protein Structure and Dynamics
- Applications to Microbes and Imaging Genetics
- Protein and RNA Analysis
- Advancing Algorithms and Methods
- Genomic Variation and Disease
- Cancer Genomics
- Big Data in Bioinformatics
- Clinical Databases and Information Systems

Submission Link: https://www.easychair.org/conferences/?conf=bcb17
(Please choose the most appropriate track for the submission)

Submitted manuscripts should not exceed 10 pages in ACM template on 8.5 x 11 inch paper (http://www.acm.org/sigs/publications/proceedings-templates). ACM-BCB's technical program committee will review all submissions on the basis of their originality, technical soundness, significance,
presentation, and relevance to the conference attendees. All accepted papers of registered authors will be included in the proceedings published by ACM Digital Library (Note that ACM copyright permissions are directly compatible with NIH and similar open access policies, see http://authors.acm.org/main.html for more information.). Details for the conference can be found at the acm-bcb.org

The authors of selected papers will be invited to adapt their papers for being published in a special issue of IEEE/ACM Transaction on Computational Biology and Bioinformatics (TCBB), or a special issue of IEEE Journal of Biomedical and Health Informatics (J-BHI).

**Important Dates:**
- Paper submissions due : April 10, 2017
- Notifications sent to authors : June 7, 2017
- Camera-ready papers due : June 21, 2017

**General Chairs:**
Nurit Haspel, University of Massachusetts Boston
Lenore J. Cowen, Tufts University

**Program Chairs:**
Amarda Shehu, George Mason University, USA
Tamer Kahveci, University of Florida, USA
Giuseppe Pozzi, Politecnico di Milano, Italy

**Program Committee (Track co-chairs):**

**Systems Biology:**
- Wei Wang, UCLA
- Yang Cao, Virginia Tech
- Ferhat Ay, La Jolla Institute for Allergy and Immunology

**Automated Diagnosis and Prediction:**
- Xiaoqian Jiang, UCSD
- Eva Lee, Georgia Institute of Technology

**Biological Modeling:**
- Anna Ritz, Reed College
- Pietro Guzzi, University Magna Graecia of Catanzaro
- Swarup Roy, North-Eastern Hill University, India

**Application to Healthcare Processes:**
- Pierangelo Veltri, University Magna Graecia of Catanzaro
- Mattia Prosperi, University of Florida
- Fei Wang, Cornell University

**Inferring Phylogenies and Haplotypes:**
- Oliver Eulenstein, Iowa State University
- Mukul Bansal, University of Connecticut
- Kevin Liu, Michigan State University

**Text Mining and Classification:**
- Catherine Blake, University of Illinois Urbana-Champaign
- Chih-Lin Chi, University of Minnesota
- Rezarta Islamaj-Dogan, NIH-NLM

**Sequence Analysis and Genome Assembly:**
- Christina Boucher, University of Florida
Stefano Lonardi, University of California, Riverside
Ben Langmead, Johns Hopkins University

**Knowledge Representation Applications:**
Beth Britt, University of Washington
Carlo Combi, University of Verona
John Holmes, University of Pennsylvania

**Protein Structure and Dynamics:**
Juan Cortes, CNRS-LAAS, University of Toulouse
Henry van den Bedem, Stanford University
Jerome Waldispuhl, McGill University

**Application to Microbes and Imaging Genetics:**
Lin Yang, University of Florida
Kun Huang, Ohio State University
Fuogo Fang, Florida International University

**Protein and RNA Analysis:**
Ruben Abagyan, UCSD
Alexander G. de Brevern, Univ Paris Diderot

**Advancing Algorithms and Methods:**
Teresa Przytycka, National Institutes of Health
Jaroslaw Zola, University at Buffalo, The State University of New York
Kim Yoo-Ah, National Institutes of Health

**Genomic Variation and Disease:**
Nicolo Fusi, Microsoft Research
Sara Mostafavi, UBC
Zhiping Weng, UMass Medical School

**Cancer Genomics:**
Ernest Fraenkel, MIT
Russell Schwartz, Carnegie Mellon University
Ben Raphael, Brown University

**Big Data in Bioinformatics:**
Mehmet Koyuturk, Case Western Reserve University
Ananth Kalyanaraman, Washington State University
Marco Masseroli, Politecnico di Milano

**Clinical Databases and Information Systems:**
Armin Mikler, University of North Texas
Amar J. Das, IBM
Lucia Sacchi, Universita’ di Pavia

**Highlights Track Chairs:**
Mona Singh, Princeton University
Christopher Bailey-Kellogg, Dartmouth College
Terry Gaasterland, UCSD

**Workshop Chairs:**
Lydia Tapia, University of New Mexico
Jianlin Cheng, University of Missouri
Bhaskar Dasgupta, University of Illinois at Chicago

Tutorial Chair:
Filip Jagodzinski, Western Washington University
Dario Ghersi, University of Nebraska
Giuseppe Tradigo, University Magna Graecia of Catanzaro, Italy

Demo and Exhibit Chair:
Robert (Bob) Cottingham, Oak Ridge National Laboratory
Narayan Ganesan, Stevens Institute of Technology

Poster Chairs:
Dong Si, University of Washington Bothell
A. Ercument Cicek, Bilkent University
Noah Daniels, University of Rhode Island

Registration Chair:
Preetam Ghosh, Virginia Commonwealth University

Publicity Chairs
Rolf Backofen, University of Freiburg, Germany
Pierangelo Veltri, University Magna Graecia of Catanzaro, Italy
A. Ercument Cicek, Bilkent University, Turkey

Student Travel Award Chair:
May D. Wang, Georgia Institute of Technology and Emory University

Student Activity Chairs:
Shilpa Nadimpalli Kobren, Princeton University
Jisoo Park, Tufts University

Women in Bioinformatics (WiB) Chair:
May D. Wang, Georgia Institute of Technology and Emory University

Proceedings Chairs:
Xinghua Mindy Shi, University of North Carolina at Charlotte
Yang Shen, Texas A&M University
Benjamin Hescott, Tufts University

Web Admin:
Jonathan Kho, Georgia Institute of Technology

Steering Committee:
Aidong Zhang, State University of New York at Buffalo, Co-Chair
May D. Wang, Georgia Institute of Technology and Emory University, Co-Chair
Srinivas Aluru, Georgia Institute of Technology
Tamer Kahveci, University of Florida
Christopher C. Yang, Drexel University