

2015 IEEE International Conference on Bioinformatics and Biomedicine (IEEE BIBM 2015)

<http://cci.drexel.edu/ieebibm/bibm2015/>
November 9-12, 2015, Washington DC, USA

Call for Tutorial Proposals

The Program Committees of 2015 IEEE International Conference on Bioinformatics and Biomedicine (IEEE BIBM 2015) invite scientists and professionals working in the fields of computational biology, bioinformatics, computational system biology, and biomedicine to submit proposals for high quality tutorials. The committees particularly welcome submissions in new emerging areas (e.g., host-pathogen interactions, noncoding RNAs, protein design, structural bioinformatics of large assemblies, computational synthetic biology). Topics include, but not limited to (ordered alphabetically):

- Big Data in Bioinformatics, Biomedicine and/or healthcare informatics
- Biological Databases, Data Mining, and Visualization
- Biological Sequence Analysis, Functional Genomics and Comparative Genomics
- Bioinformatics/biomedicine/healthcare informatics Education
- Biomedical signal and/or image processing
- Cardiac Informatics
- Connected Health
- Computational Biology of Host-Pathogen Interactions
- Computational Synthetic Biology
- Computational Systems Biology and Biological Networks
- Computational and Systems Neuroscience
- Electronic healthcare records and interoperability
- Emerging technologies in healthcare
- Epidemiology
- Epigenomics
- Gene Regulation and Transcriptomics
- High-Throughput Technologies and Applications
- Integrative Methods in Bioinformatics, biomedicine and healthcare informatics
- Internet of Things in Bioinformatics, biomedicine and healthcare informatics
- Machine Learning and Artificial Intelligent with Application in Bioinformatics
- Molecular Structure Analysis

- Motif Search and Discovery
- Ontologies
- Proteomics, Structure Biology and Drug Discovery
- Population Genetics, Human Variation Analysis, SNP and Haplotyping
- Phylogenetics
- Structural Bioinformatics of Protein Assemblies
- User Interfaces in biomedicine
- Usability and regulation of bioinformatics/biomedicine/healthcare systems and devices

Tutorial Proposals

Proposals should contain the following information:

- Title
- Instructors (detailed contact information and biographical data)
- Type of the tutorial – Two types are available, a long one or a short one. A long tutorial is a 4-hour tutorial. A short tutorial is a 2-hour tutorial.
- Objectives and motivation of the tutorial
- Intended audience
- Tutorial outline

Each tutorial presentation regardless of the number of instructors will be offered an honorarium of US\$500 for a long tutorial. Alternatively, the conference registration fee will be waived for one instructor (short tutorial) or for two instructors (long tutorial). At most four tutorials will be selected.

Important Dates

- September 20, 2015: Tutorial proposal submission due
- October 5, 2015: Notifications to tutorial proposers
- October 30, 2015: Tutorial draft handouts due

Submission Site

All materials should be submitted to easychair

<https://easychair.org/conferences/?conf=bibm2015tutorial>

Tutorial Co-chairs

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