



Call for papers

12th International Symposium on Bioinformatics Research and Applications

June 5-8, 2016, Belarusian State University, Minsk, Belarus

<http://www.cs.gsu.edu/isbra/>

The International Symposium on Bioinformatics Research and Applications (ISBRA) provides a forum for the exchange of ideas and results among researchers, developers, and practitioners working on all aspects of bioinformatics and computational biology and their applications. Submissions presenting original research are solicited in all areas of bioinformatics and computational biology, including the development of experimental or commercial systems. Topics of interest include but are not limited to:

- | | |
|---|--|
| Biomarker discovery | High-performance bio-computing |
| Biomedical databases and data integration | Metagenomics |
| Biomedical text mining and ontologies | Molecular evolution |
| Biomolecular imaging | Molecular modeling and simulation |
| Comparative genomics | Next-generation sequencing data analysis |
| Computational genetic epidemiology | Pattern discovery and classification |
| Computational proteomics | Population genetics |
| Data mining and visualization | Software tools and applications |
| Gene expression analysis | Structural biology |
| Genome analysis | Systems biology |

SUBMISSION GUIDELINES AND PUBLICATION INFORMATION

Please submit extended abstracts (up to 12 pages in Springer LNCS format) via the online submission system (<https://www.easychair.org/conferences/?conf=isbra2016>). Submission implies willingness of at least one author to register and present at the symposium. The authors should choose one of the following tracks:

Track 1: Submit up to 12 pages in LNCS format for publication of the extended abstract in the Springer LNBI proceedings and (ii) invitation to submit a 30-50%-extended version to ISBRA'16 special issues of *IEEE/ACM Transactions on Computational Biology and Bioinformatics* or *International Journal of Bioinformatics Research and Applications*.

Track 2: Submit up to 12 pages in LNCS format for (i) publication of an abridged two-page abstract in the Springer LNBI proceedings and (ii) invitation to submit a full-length paper to ISBRA'16 special issues of *BMC Bioinformatics* or *BMC Genomics*.

KEY DATES	Submission deadline	February 22, 2016
	Notification of acceptance	March 15, 2016
	Final version due	March 31, 2016

Steering Committee

Dan Gusfield (UC Davis)
 Ion Mandoiu (UConn)
 Yi Pan (GSU), Chair
 Marie-France Sagot (INRIA)
 Ying Xu (UGA)
 Alex Zelikovsky (GSU)

General Chairs

Sergei V. Ablameyko (BSU)
 Bernard Moret (EPFL)
 Alexander V. Tuzikov (UIIP)
Local Chair
 Dmitry G. Medvedev (BSU)

Program Chairs

Anu Bourgeois (GSU)
 Pavel Skums (CDC)
 Xiang Wan (HKBU)
 Alex Zelikovsky (GSU)
Finance Chairs
 Yury M. Metelsky (BSU)
 Alex Zelikovsky (GSU)

Publications Chair

Igor E. Tom (UIIP)
Publicity Chair
 Erin-Elizabeth A. Durham (GSU)
Workshops Chair
 Ion Mandoiu (UConn)
Webmaster
 Igor Mandric (GSU)