



# 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:

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| 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:** Publication of the extended abstract in the Springer LNBI proceedings and 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:** Publication of an abridged two-page abstract in the Springer LNBI proceedings and invitation to submit a full-length paper to ISBRA'16 special issues of *BMC Bioinformatics* or *BMC Genomics*.

<b>KEY DATES</b>	<b>Submission deadline</b>	<b>February 15, 2016</b>
	<b>Notification of acceptance</b>	<b>March 15, 2016</b>
	<b>Final version due</b>	<b>March 31, 2016</b>

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