



BELBi 2021

Belgrade Bioinformatics Conference 2021

Virtual Conference, June 21-25, 2021

<http://belbi.bg.ac.rs>

Invitation

Dear colleagues,

We are pleased to invite you to participate at the third **Belgrade Bioinformatics Conference – BelBI2021**, which will be organized as a virtual event, **from 21st to 25th June, 2021**. The content of the conference will be available at the <http://belbi.bg.ac.rs>

BelBI2021 is an international event, organized by the several research institutions, faculties and scientific societies from Serbia. This event covers a wide range of various topics in bioinformatics, including Big data analytics, Machine learning in biological data analysis, Biological networks, Data mining methods and their applications in biology and medicine, Bio-Ontologies, etc. Special session of the BelBI2021 will be dedicated to the bioinformatics in the field of COVID-19 analysis, which emerged as an immensely important research topic during the previous year.

Our aim is to provide a forum for exchange of knowledge and new ideas between scientists in the field, as well as, to include young scientists in this process and provide educational opportunities for them.

Finally, we tried to keep the fees as low as possible. We are hoping this will make a great opportunity for many young scientists, as well as scientists from the low-income countries, to participate in the high-quality and up-to-date conference.

We kindly invite you to visit our website, register and join us!

Kind regards,

On behalf of the Organizing Committee

Branislava Gemović



Keynote Speakers

Ben Raphael, Princeton University, USA

Eugene Koonin, NCBI/NLM/NIH, USA

Henrik Nielsen, DTU, Denmark

Igor Jurisica, University of Toronto, Canada

James Collins, MIT, USA

Jörg Menche, University of Vienna, Austria

Invited Speakers

Alex Bateman, UK

Alexandre de Brevern, France

Anđela Rodić, Serbia

Bjorn Gruning, Germany

Bojana Banović, Serbia

Branka Zukić, Serbia

Fran Supek, Spain

Francesco Pappalardo, Italy

Frederick (Fritz) Roth, Canada

Gary Bader, Canada

Goran Nenadic, UK

Guanglan Zhang, USA

Hong-Yu OU, China

Jane Kondev, USA

Jiangning Song, Australia

Konstantin Severinov, USA

Lou Chitkushev, USA

Mona Singh, USA

Natasa Pržulj, Spain

Nediljko Budiša, Germany

Nevena Veljkovic, Serbia

Oxana Galzitskaya, Russia

Peter Tompa, Belgium

Predrag Radivojac, USA

Richard Bonneau, USA

Ron Shamir, Israel

Shanfeng Zhu, China

Silvio Tosatto, Italy

Tijana Milenković, USA

Vladimir Babenko, Russia

Vladimir Brusić, China

Vladimir Uversky, USA

Yuriy Orlov, Russia

Zoran Obradovic, USA

Conference Topics

Bioinformatics and Analysis of Biological Data

- Data analysis of OMICs data
- Sequencing and genotyping technologies
- Data mining methods, algorithms, and applications in life sciences and precision medicine
- Big data
- Population and statistical genetics
- Data analytics, pattern recognition and machine learning
- Structure and molecular interaction predictions
- Bioinformatics databases and algorithms
- Biological Ontologies
- General Computational Biology and Emerging Areas, Including Intersections with Other Fields
- AI / deep learning new applications for protein and DNA/RNA

Biomedical Informatics

- Bioinformatics of COVID-19
- Translational Bioinformatics
- Artificial Intelligence in Precision Medicine
- Predictive Modeling and Analytics in Healthcare
- Utilizing multi-omic data for characterizing the environment's role in human health
- Biomedical Imaging and Data Visualization
- Biomedical data/text mining

Theoretical Approaches to Bioinformation Systems

- Macromolecular Sequence, Structure, and Function
- Gene expression and the genetic code
- Biological networks
- Computational systems biology
- Biological information
- Neurons and cognition

Important Dates

Abstract submission	
Abstract Submission Starts	15-Feb-21
Abstract Submission Deadline	15-May-21
Notification of Abstract Acceptance	1-June-21
Grant Application	
Grant Application Starts	1-Mar-21
Grant Application Ends	20-May-21
Notification of Grant Awards	1-June-21
Conference Dates	
Opening Date	21-Jun-21
Closing Date	25-Jun-21

Fees and Payment

Fee Type	EUR ¹	RSD ¹
Academia	40	4800
Students ²	20	2400
Industry	60	7200

¹VAT included.
²Students must provide proof of their status

Contact

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BelBI2021 Participation Grants

We provided participation grants for PhD students and early stage researchers. Grants will cover registration fees. Please, find more information on our web site.



ICGEB grants are available to support the attendance of PhD students or early stage researchers, not more than 8 years after PhD, who are nationals of ICGEB Member States, currently residing outside Serbia.

http://belbi.bg.ac.rs/?page_id=1039

SevenBridges®

Seven Bridges Genomics offers 3 grants for PhD students and early stage researchers. Application will soon be opened at the conference website.

Galaxy Training

Galaxy training will be free of charge during the BelBI2021. The date will be soon announced. If you want to attend, please select this option during the registration for the conference.



The Gallantries project is a collaboration between five European universities, members of Software Carpentry, and members of the Galaxy Project.

The Galaxy data analysis platform is a free, online, user-friendly data analysis platform, that makes complex data analyses—otherwise only accessible to trained bioinformaticians—accessible to all scientists.

Organizers



Sponsors

