18 - 22 JUNE 2018 BELGRADE, SERBIA

BELGRADE BIOINFORMATICS CONFERENCE

BELBI2018

SECOND ANNOUNCEMENT

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www.belbi.bg.ac.rs

CONFERENCE TOPICS

The conference is focused on three main research fields including the following topics.

Other subjects related to the main themes are welcome.

Theoretical Approaches to BioInformation Systems

- Structure and function of DNA, RNA and proteins
- Gene expression and the genetic code
- Neurons and cognition
- Biological networks

Bioinformatics and Data Mining of Biological Data

- Bioinformatics and data analysis in biomedicine, genetics, microbiology and plant science
- Sequencing technologies and data analysis
- Structure and molecular interaction predictions
- Data analysis and integration for OMICs data
- Data mining methods, algorithms, and applications in life sciences and precision medicine
- Big data and data science
- Data analytics, pattern recognition and machine learning in data analysis
- Bioinformatics applications for OMICs data
- Predictive Models for OMICs data
- Bioinformatics databases and algorithms

Biomedical Informatics

- Translational Bioinformatics
- Disease Models & Epidemiology
- Predictive Modeling and Analytics in Healthcare
- Biomedical Imaging and Data Visualization
- Biomedical/Health database integration and management
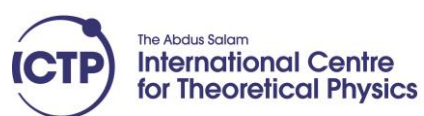- Biomedical data/text mining

Scientific program: invited talks, oral presentations and poster session.

BELBI 2018

ICTP The Abdus Salam International Centre for Theoretical Physics

IMPORTANT DATES

Registration Opens **2 March 2018**

Abstract Submission Deadline **15 April 2018**

Notification of Abstract Acceptance **1 May 2018**

Conference Dates **18 - 22 June 2018**

LIST OF SPEAKERS:

- **Prof. Vladik Avetisov**, The Semenov Institute of Chemical Physics, Russian Academy of Sciences, Moscow, Russia

- **Prof. Vladimir Babenko**, Institute of Cytology and Genetics, Novosibirsk, Russia

- **Prof. Vesselin Baev**, Bioinformatics Department of Plant Physiology & Molecular Biology, University of Plovdiv, Bulgaria

- **Dr Alex Bateman**, European Bioinformatics Institute (EMBL-EBI), Cambridge, UK

- **Prof. Jan Baumbach**, Technical University of Munich, Germany

- **Prof. Alexandre de Brevern**, University Paris Diderot, Sorbonne Paris Cite, France

- **Prof. Vladimir Brusic**, Metropolitan College, University of Boston, Massachusetts, USA

- **Prof. Andrea Ciliberto**, The Italian Foundation for Cancer Research, Institute of Molecular Oncology, Milan, Italy

- **Prof. Radu Constantinescu**, Department of Physics, University of Craiova, Romania

- **Prof. Marko Djordjevic**, Faculty of Biology, University of Belgrade, Serbia

- **Prof. Branko Dragovich**, Mathematical Institute, Serbian Academy of Sciences and Arts, Belgrade, Serbia

- **Prof. Themis P. Exarchos**, Department of Informatics, Ionian University, Corfu, Greece

- **Prof. Elena Fimmel**, Mannheim University of Applied Sciences, Germany

- **Prof. Oxana Galzitskaya**, Institute of Protein Research, Russian Academy of Sciences, Moscow, Russia

- **Prof. Mikhail Gelfand**, Institute for Information Transmission Problems, Research and Training Center on Bioinformatics, Russian Academy of Sciences, Moscow, Russia

- **Prof. Tomasz Grzybowski**, Ludwik Rydygier Collegium Medicum Faculty of Medicine, Nicolaus Copernicus University, Bydgoszcz, Poland

- **Prof. Ralf Hofestädt**, Bioinformatics Department, Faculty of Technology, Bielefeld University, Germany

- **Prof. Lejla Kapur-Pojskic**, Institute of Genetic Engineering and Biotechnology, Sarajevo, Bosnia and Herzegovina

- **Prof. Nikolay A. Kolchanov**, Institute of Cytology and Genetics, Novosibirsk, Russia

- **Prof. Sergei Kozyrev**, Department of Mathematical Physics, Steklov Mathematical Institute, Moscow, Russia

- **Prof. Vsevolod Makeev**, Vavilov Institute of General Genetics, Russian Academy of Sciences, Moscow, Russia

- **Prof. Hiroshi Mamitsuka**, Bioinformatics Center, Institute for Chemical Research, Kyoto University, Japan

- **Prof. Matteo Marsili**, Quantitative Life Sciences Department, International Centre for Theoretical Physics, Trieste, Italy

- **Prof. Aleksandar Milosavljevic**, Computational and Integrative Biomedical Research Center, Baylor College of Medicine, Houston, USA

- **Prof. Nenad Mitic**, Faculty of Mathematics, University of Belgrade, Serbia

- **Prof. Alexandre Morozov**, Department of Physics & Astronomy, Rutgers University, New Jersey, USA

- **Prof. Zoran Obradovic**, Computer and Information Sciences Department, Temple University, Pennsylvania, USA

- **Prof. Yuriy Orlov**, Institute of Cytology and Genetics, Novosibirsk, Russia

- **Prof. Hong-Yu Ou**, School of Life Sciences & Biotechnology, Shanghai Jiaotong University, China

- **Prof. Sergey Petoukhov**, Mechanical Engineering Research Institute, Russian Academy of Sciences, Moscow, Russia

- **Prof. Naris Pojskic**, Institute of Genetic Engineering and Biotechnology, Sarajevo, Bosnia and Herzegovina

- **Prof. Natasa Przulj**, Department of Computing, Imperial College London, UK

- **Prof. Predrag Radivojac**, Department of Computer Science, Indiana University, USA

- **Prof. Burkhard Rost**, Department of Bioinformatics and Computational Biology, Technical University of Munich, Germany

- **Prof. Konstantin Severinov**, Rutgers University, New Jersey, USA; Skoltech, Moscow, Russia

- **Prof. Paul Sorba**, Laboratory of Theoretical Physics and CNRS, Annecy, France

- **Prof. Antonio Starcevic**, Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia

- **Prof. Lutz Struengmann**, Mannheim University of Applied Sciences, Germany

- **Prof. David Studholme**, College of Life and Environmental Sciences, University of Exeter, UK

- **Prof. Bosiljka Tadic**, Department of Theoretical Physics, Jozef Stefan Institute, Ljubljana, Slovenia

- **Dr Peter Tompa**, VIB Structural Biology Research Center, Flanders Institute for Biotechnology, Belgium

- **Prof. Silvio Tosatto**, Department of Biomedical Sciences, University of Padova, Italy

- **Prof. Alessandro Treves**, International School for Advanced Studies, Trieste, Italy

- **Prof. Vladimir Uverski**, Department of Molecular Medicine, University of South Florida, USA

- **Prof. Salvador Ventura**, Institute of Biotechnology and Biomedicine, Universitat Autònoma de Barcelona, Spain

- **Prof. Kristian Vlahovicek**, Faculty of Science, University of Zagreb, Croatia

- **Prof. Sergey Volkov**, Bogolyubov Institute for Theoretical Physics, National Academy of Sciences, Kiev, Ukraine

- **Prof. Igor V. Volovich**, Department of Mathematical Physics, Steklov Mathematical Institute, Russian Academy of Sciences, Moscow, Russia

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- **Dr Branko Tomic**, Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia

- **Dr Nevena Veljkovic**, Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia

CONFERENCE ORGANIZERS

Organizer:

Institute of Molecular Genetics and Genetic Engineering, University of Belgrade

Main co-organizers:

Faculty of Mathematics, University of Belgrade

Faculty of Biology, University of Belgrade

Mathematical Institute, Serbian Academy of Science and Arts, Belgrade

Vinča Institute of Nuclear Sciences, University of Belgrade

Co-organizers:

Serbian Genetic Society

Faculty of Agriculture, University of Belgrade

Faculty of Chemistry, University of Belgrade

Faculty of Engineering, University of Kragujevac

Faculty of Sciences, University of Novi Sad

Faculty of Sciences and Mathematics, University of Niš

Institute for Biological Research "Siniša Stanković", University of Belgrade

Institute for General and Physical Chemistry, University of Belgrade

Institute for Medical Research, University of Belgrade

Maize Research Institute Zemun Polje, Belgrade

BioIRC – Bioengineering Research and Development Center

COST European Cooperation in Science and Technology

CONFERENCE PROGRAM OVERVIEW

	18 June Monday		19 June Tuesday		20 June Wednesday	21 June Thursday		22 June Friday	
9:00	REGISTRATION		Morning session	COST CA15120	COST BM1405	Morning session		Morning session	
10:30	OPENING CEREMONY		coffee brake		coffee brake	coffee brake		coffee brake	
			Morning session	COST CA15120	COST BM1405	Morning session	Morning session	Morning session	Morning session
			poster session		poster session	poster session		poster session	
14:00	LUNCH		LUNCH		LUNCH	LUNCH		LUNCH	
	Afternoon session	COST CA15120	Afternoon session		ROUND TABLE	EXCURSION		Afternoon session	Afternoon session
16:15	coffee brake		coffee brake					coffee brake	
	Afternoon session	COST CA15120	Sponsor 1		coffee brake			Serbian Bioinformatic Society meeting	
			Afternoon session		Sponsor 2			CLOSING CEREMONY	
					Sponsor 3				

REGISTRATION AND ABSTRACT SUBMISSION

Registration and abstracts submission will be possible only through the Conference website at: http://belbi.bg.ac.rs/.

Participants will receive an email confirming their successful registration and abstract submission.

Abstract submissions for oral presentation are encouraged.

Official language of the Conference is English.

Deadline for abstracts submission is **15 April 2018**.

The International Program Committee will notify participants on their final decision by **1 May 2018**.

REGISTRATION FEES

Fee Type	EUR [1]	RSD [2]	Registration Fee Covers
non-students	300	36 000	• Admission to the Conference sessions
students [3]	200	24 000	• Book of Abstracts and the accompanying materials
non-students (regional participants [4])	100	12 000	• Refreshments during the Conference • Lunches during the Conference
students [3] (regional participants [4])	50	6 000	• Admission to the Conference sessions • Book of Abstracts and the accompanying materials • Refreshments during the Conference

[1]VAT included.

[2]Payments on-site only in cash and in dinars, local currency (RDS).

[3]Students must provide proof of their status.

[4]Regional participants include colleagues working or studying in the following South-eastern and Eastern European countries: Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, FYR Macedonia, Montenegro, Republic of Moldova, Romania, Serbia and Ukraine.

Instructions for fee payment (pro-forma invoice and bank transfer data) will be sent by email to participants. Bank transfer expenses must be paid by participant.

Please note that payment of registration fees will be possible at the registration desk only in cash (no credit cards will be accepted) AND ONLY IN DINARS.

Invited speakers and limited number of other participants may be waived the registration fee depending on the budget.

Students must provide proof of their status and submit it during registration and abstract submission.

For questions regarding the registration fee, contact: info@belbi.bg.ac.rs

CONFERENCE VENUE AND ACCOMMODATION

Belgrade Bioinformatics Conference 2018 will take place at University of Belgrade and Hotel Palace.

<u>University of Belgrade Rectorate</u>
This year University of Belgrade celebrates 210th anniversary. It has found its place amongst the top 300 universities in the world, according to the Shanghai List. In the area of mathematics, it is ranked among the top 150 universities in the world.
Studentski trg 1,
11000 Belgrade, Serbia
http://www.bg.ac.rs/en/

<u>Hotel Palace</u>
The Palace Hotel is located in the very heart of Belgrade, in close vicinity to the main pedestrian zone of Knez Mihailova Street, near the historical and cultural attractions, museums, theatres and Skadarlija – the old Bohemian quarter.
Topličin Venac 23,
11000 Belgrade, Serbia
http://www.palacehotel.co.rs/en/

For accommodation we recommend Hotel Palace where Belgrade Bioinformatics Conference 2018 will take place. Limited number of rooms is available for BelBi2018 participants at special prices. You can make inquire and reservation via hotel website or by email (office@palacehotel.rs).
Code for special prices is BELBI2018.

ABOUT BELGRADE

<u>Tourist organization of Belgrade</u>

http://www.tob.rs/en/index.php

<u>Public Transport</u>

https://www.eway.rs/en/cities/beograd

<u>Transfer to and from Belgrade airport</u>

http://www.beg.aero/en/strana/12891/car

We are looking forward to welcoming you in Belgrade.

Belgrade Bioinformatics Conference

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