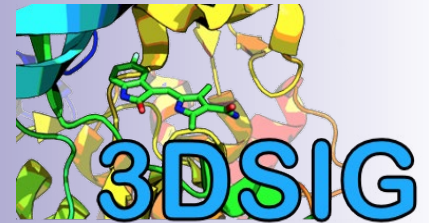


3D-BioInfo | ISCB 3D-SIG | ELIXIR Czech Republic

Community Meeting in Structural Bioinformatics

15–17 November 2023 in Prague, Czech Republic



Speakers confirmed

Xavier Barril

Barcelona University, Spain

Wouter Boomsma

University of Copenhagen, Denmark

Jiri Damborsky

Masaryk University, Czechia

Samuel Flores

Universitetslektor vid Institutionen för husdjursgenetik (HGEN) Institutionen för husdjursgenetik, Bioinformatik, Sweden

Robin Joosten

Netherlands Cancer Institute

Paulyna Magana

European Bioinformatics Institute, UK

Alex Rives

European Bioinformatics Institute, UK

Dina Schneidman

Hebrew University of Jerusalem, Israel

Gideon Schreiber

Weizmann Institute, Israel

Clara Schoeder

Leipzig University, Germany

Arne Skerra

Technische Universität Muenchen, Germany

Blake Sweeny

EMBL Hinxton, UK

Hugo Schweke

Weizmann Institute, Israel

Janet Thornton

European Bioinformatics Institute, UK

Mihaly Varadi

European Bioinformatics Institute, UK

Melanie Vollmar

European Bioinformatics Institute, UK

Eric Westhof

Institut de biologie moléculaire et cellulaire du CNRS, France

Structural bioinformatics is undergoing a fast transformation with major breakthroughs from experimental methods such as cryo-electron microscopy to disruptive and transformative new approaches in computational prediction methods based on AI and machine learning. This meeting aims to bring together structural bioinformatics researchers from three international communities (3D-BioInfo, 3D-SIG and ELIXIR Czech Republic) for networking and to exchange ideas on the workflows and resources needed to exploit the transformative new developments in the data and methods.

The ELIXIR 3D-BioInfo Structural Bioinformatics Community brings together European researchers working on protein structure annotation, protein complexes, protein ligand interaction, protein nucleic acid interactions, and protein engineering. The community devise strategies for integrating predicted data and benchmarking the prediction tools.

The 3D-SIG ISCB (International Society for Computational Biology) Community in Structural Bioinformatics covers the same themes as 3D-BioInfo and is a Community of Scientific Interest (COSI) within the International Society for Computational Biology (ISCB). It hosts a track within the ISCB's annual conference and organises webinars some of which are joint with 3D-BioInfo.

The ELIXIR Czech Republic Community brings together researchers working in a range of bioinformatics and computational themes and is supporting infrastructure developments, tools and resources across the country.



More information

Conference website

<https://www.xray.cz/3D-bio-2023>

3D-BioInfo Community | ELIXIR

<https://elixir-europe.org>

3DSIG: Structural Bioinformatics and Computational Biophysics

<https://3dsig-cosi.github.io>



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Prague City

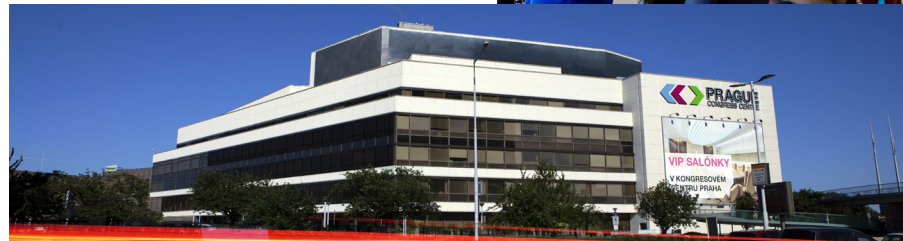
The enchanting capital of the Czech Republic beckons visitors with its stunning blend of history, culture, and modern charm.

Prague is home to the largest castle complex in the world, covering over 753,000 square feet! Aside from the Palace, the castle includes multiple museums, two churches, the famous Gothic style St. Vitus Cathedral, and numerous defense towers.



Conference Organisers

Katharina Heil, *ELIXIR hub*
Radomír Kužel, *Charles University, Czech Republic*
Rafael Najmanovich, *University of Montreal, Canada*
Christine Orengo, *University College London, UK*
Gonzalo Parra, *Barcelona Supercomputer Centre, Spain*
Douglas Pires, *University of Melbourne, Australia*
Lynne Regan, *Leeds University, UK*
Bohdan Schneider, *Czech Academy of Sciences, Czech Republic*
Anna Strachotova, *IOCB Prague, Czech Republic*
Sameer Velankar, *European Bioinformatics Institute, UK*
Jiri Vondrasek, *IOCB Prague, Czech Republic*
Shoshana Wodak, *VIB, Belgium*
Vincent Zoete, *University of Lausanne, Switzerland*



Call for Abstracts

There will be opportunities to present posters on research or training themes in structural bioinformatics. There may be some short talks selected from abstracts

Please send an abstract via the Registration website – max length two pages.

Deadline 15th September

Registration

The meeting will be held from lunchtime on Wednesday 15th of November to lunchtime on Friday 17th of November. *The registration fee includes four coffee breaks, two lunches, and dinner on Wednesday evening.* Registration: € 250

Prague Congress Centre

The Prague Congress Centre (PCC) is a modern conference center easy to reach by public transport or by car (garages available).

The booked conference room provides an outstanding view of Prague dominated by the Castle.

If you choose to stay near the PCC (e.g. at the Holiday Inn) and wish to go downtown, you can get there in 10 minutes by metro, which runs until midnight. The PCC is on the metro line C.

... so the best option is to do all the science from Wednesday to Friday and then stay over the weekend and enjoy Prague.

