

# ELIXIR 3D-BioInfo & ISCB 3D-SIG

## Community Meeting in Structural Bioinformatics

15–17 November 2023 in Prague, Czech Republic



### Speakers confirmed

**Xavier Barril**

*Barcelona University, Spain*

**Wouter Broomsmma**

*University of Copenhagen, Denmark*

**Jiri Damborsky**

*Masaryk University, Czechia*

**Samuel Flores**

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

**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*

**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 two international communities (3D-BioInfo and 3D-SIG) 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 research groups working on five major themes that include protein structure annotation, protein complexes, protein ligand interaction, protein nucleic acid interactions, and protein engineering. 3D-BioInfo Activities in these themes include devising 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 broad research themes as 3D-BioInfo and is a Community of Scientific Interest (COSI) within the International Society for Computational Biology (ISCB). It hosts a scientific track within the ISCB's annual conference and organises webinars some of which are joint with 3D-BioInfo.

**Registration** Next page

### 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*

**Radomir Kuzel**, *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*

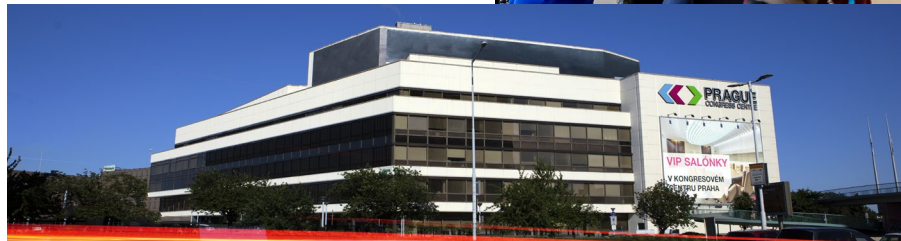
**Lynne Regan**, *Leeds University, UK*

**Bohdan Schneider**, *Czech Academy of Sciences,  
Czech Republic*

**Sameer Velankar**, *European Bioinformatics Institute, UK*

**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.*

[CLICK TO REGISTER](#)