

Call For Paper

Computational Structural Biology Workshop (CSBW) 2021

in conjunction with

2021 IEEE International Conference on Bioinformatics and Biomedicine (IEEE BIBM 2021)

December 9-12, 2021, Virtual

CSBW 2021 Website: <http://cs.wvu.edu/csbw>

IEEE BIBM 2021 Website: <https://ieeebibm.org/BIBM2021/>

The Computational Structural Biology Workshop seeks to advance knowledge by bringing together computational scientists and students working on a diverse set of problems, including

- Structure representation, prediction, and alignment
- Molecular interaction and docking
- Molecular dynamic simulations
- Biomolecular graphics
- Coarse-grained modeling
- Data mining of biological structures
- Structural genomics
- High-performance computing in biomolecular modeling
- Application of graph theory in structural biology
- Biomolecular structure refinement
- Structure-based drug design

The main goal of these disciplines is to establish and explore the relationships between sequence, structure, and protein function. A variety of perspectives among diverse participants will foster a great understanding of shared science and, hopefully, will initiate collaborations around common research themes.

Journal special issue

CSBW 2021 will publish the extended version of workshop papers as a special issue in MDPI Biomolecules (IF: 4.879).

Student Travel Award

CSBW 2021 will offer as many as possible student travel awards to student authors through an NSF grant. Awardees will be reimbursed for the registration fees.

Paper Submission

Please submit either a full-length paper (up to **8-page IEEE 2-column format**) or a short-length paper (up to **4-page IEEE 2-column format**) through the online submission system.

You can download the format instruction here:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html.

Electronic submissions (in PDF or Postscript format) are required. Selected participants will be asked to submit their revised papers in a format to be specified at the time of acceptance.

Online Submission:

https://wi-lab.com/cyberchair/2021/bibm21/scripts/submit.php?subarea=S13&undisplay_detail=1&wh=/cyberchair/2021/bibm21/scripts/ws_submit.php

Registration:

<https://web.cvent.com/event/113cca0b-5c19-4426-9323-3de725cc2479/summary>

Important Dates

- Oct 10, 2021: Due date for full workshop papers submission
- Nov 1, 2021: Notification of paper acceptance to authors
- Nov 21, 2021: Camera-ready of accepted papers
- Dec 9-12, 2021: BIBM Conference
- Dec 11, 2021: CSBW Workshop

Kind Regards,
Negin Forouzesheh and Kamal Al Nasr
Co-chairs of CSBW 2021