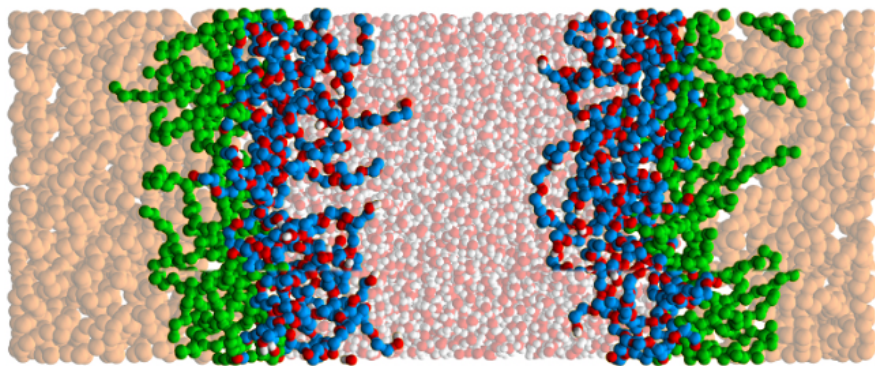


Postdoctoral Researcher in Theoretical and Computational Soft-Matter Physics / Biophysics



The **Theoretical Biophysics Group** at the **Department of Theoretical Physics, Jožef Stefan Institute**, Ljubljana, Slovenia, invites applications for a

POSTDOCTORAL RESEARCHER

position in theoretical/computational soft-matter physics and biophysics.

Qualifications

- A PhD in physics, chemistry, mathematics, or a closely related field
- A proven track record of scientific publications
- Interest in soft condensed matter physics and/or biophysics
- Good communication and organizational skills, and the ability to pursue challenging research
- Prior experience with computer simulations (e.g., molecular dynamics) is desirable but not required

Job description

The successful candidate will work primarily with **Prof. Matej Kanduč** (<http://www-f1.ijs.si/~kanduc/>) on research topics related to MD simulations of surfactant and lipid systems. The focus will be on problems such as cavitation, foam stability, and surfactant-mediated interfacial processes. The work will involve MD simulations, numerical analysis, and analytical modeling. The position also offers opportunities for collaboration within the **Theoretical Biophysics Group** and with international research partners.

What we offer

- A full-time postdoctoral position available immediately, for up to **three years**
- Salary in accordance with the Collective Agreement for the Slovenian Public Service, depending on the candidate's experience
- Funding for conference participation and research visits
- A stimulating and collaborative research environment within an internationally connected institute

How to apply

Applicants should submit a CV, publication list, a brief statement of research interests, and 2–3 letters of reference to Matej Kanduč (matej.kanduc@ijs.si). Review of applications will begin on **February 13**, and applications will be considered until the position is filled.

Date issued: January 2026



Jožef Stefan Institute
Ljubljana, Slovenia

The [Jožef Stefan Institute](#) is the leading scientific research institute in Slovenia, conducting cutting-edge basic and applied research across the natural sciences, life sciences, and engineering.

Soft condensed matter physics is one of the Institute's core research areas, pursued through close collaboration between several experimental laboratories and theoretical groups. These activities are strongly connected with the Department of Physics and the Institute of Biophysics at the University of Ljubljana, fostering a vibrant interdisciplinary research environment.

The [Theoretical Biophysics Group](#) is headed by Prof. Primož Ziherl and currently comprises seven senior researchers, together with several PhD students and postdoctoral fellows. The group offers a dynamic and competitive scientific atmosphere, supported by strong international collaborations.

Full address

Institut "Jožef Stefan"
Jamova cesta 39
1000 Ljubljana
Slovenia

