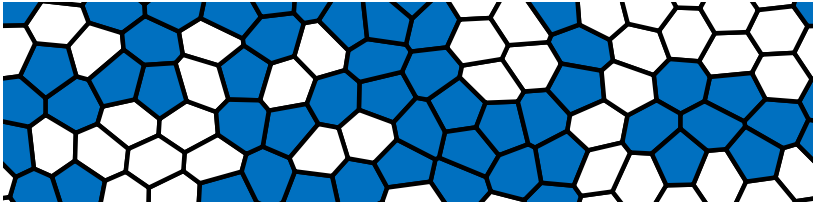


## Research associate position at the Jožef Stefan Institute



The theoretical biophysics group at the Department of Theoretical Physics, Jožef Stefan Institute, Ljubljana, Slovenia, is seeking a

### POSTDOCTORAL ASSOCIATE (M/F)

to work on topics in the areas of theoretical and computational soft-matter physics and biophysics.

#### Your qualifications

- PhD in physics, applied mathematics, computer science, or a related area
- proven track record of publications
- strong interest in soft condensed matter and/or biophysics
- good communication and organizational skills as well as the ability and interest to pursue challenging, interdisciplinary research
- prior basic skills with computer simulations are welcome, but not required.

#### Job description

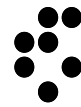
The successful candidate will collaborate with Dr. Matej Krajnc (<https://matejkrajnc.splet.arnes.si>) on topics related to the mechanics of biological tissues and their tumors. The work will rely on computational approaches, such as the vertex model, as well as on analytical approaches including the theory of dynamical systems, graph theory, theory of elasticity, and fluid dynamics. The position also offers opportunities to collaborate with other researchers both within the group and internationally.

#### What we offer

The position is available immediately until the end of 2023. The salary will be based on the Collective Agreement for the Slovenian Public Service and will depend on the researcher's experience level.

#### How to apply

Please send the application including curriculum vitae, publication list, 2–3 letters of reference, and a statement of research interests to Matej Krajnc ([matej.krajnc@ijs.si](mailto:matej.krajnc@ijs.si)). Applications will be considered until the position is filled but candidates are encouraged to apply at their earliest convenience.



Jožef Stefan Institute  
Ljubljana, Slovenia

The Jožef Stefan Institute ([www.ijs.si](http://www.ijs.si)) is the leading Slovenian scientific research institute, covering a broad spectrum of basic and applied research. The staff of more than 960 specializes in natural sciences, life sciences, and engineering.

Soft condensed matter is among the main areas pursued at the Institute, engaging several experimental laboratories and theoretical groups in close collaboration with the Department of Physics and the Institute of Biophysics at the University of Ljubljana.

The [Theoretical biophysics group](#) is headed by Prof. Primož Ziherl and currently includes 6 senior researchers and several PhD students and postdocs. The group offers a competitive scientific environment with strong international collaborations.

#### Full address

Institut "Jožef Stefan"  
Jamova cesta 39  
1000 Ljubljana  
Slovenia

