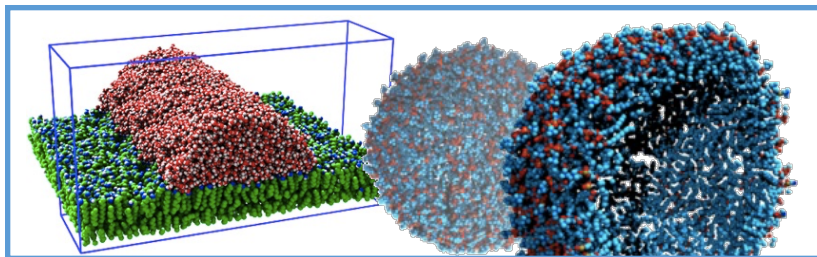


PhD position at the Jožef Stefan Institute



Jožef Stefan Institute
Ljubljana, Slovenia



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

PhD student (M/F)

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

Starting date

October 1, 2020

Required qualifications

- MSc in physics, applied mathematics, computer science, or a related area (by September 14, 2020)
- 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.
- fluency in written and spoken English

Job description

The successful candidate will be supervised by Dr. Matej Kanduč (www-f1.ijs.si/~kanduc). The research will focus on wetting phenomena, the formation and stability of nanobubbles, surfactants, lipid coatings, etc. The work will rely on molecular dynamics modeling approaches, numerical analysis, and analytical theories. The position envisions also collaboration with research groups abroad.

What we offer

We provide a desktop computer, a travel allowance, as well as full access to HPC facilities. If successful, the candidate will receive a doctoral degree in Physics from the University of Ljubljana.

How to apply

Please send the application including curriculum vitae, 1–2 letters of reference to Matej Kanduč (matej.kanduc@ijs.si) at your earliest convenience, but not later than July 2020.

Date issued: June 2020



The Jožef Stefan Institute (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 four senior researchers and several postdocs and PhD students. The group offers a competitive scientific environment with strong international collaborations.

Full address

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