



Institute of Physics of the Polish Academy of Sciences Scholarship for a PhD Student



Job ID: #JOB 19/2023

Job Description

Job Title: PhD student

Job Summary:

The PhD student will use computational methods to study conformations of partially disordered proteins – both in aqueous solutions and at lipid membranes.

Job Description:

The PhD student will participate in the research project entitled “Structural and functional analysis of regulation of the lipid-transport protein ORP8”, which is supported by the National Science Centre within the international CEUS-UNISONO program. He/she will use coarse-grained molecular dynamics methods to study conformations of partially disordered proteins, i.e. such macromolecules that contain both folded protein domains and intrinsically disordered polypeptide segments. The research object will be lipid-transport proteins.

Requirements:

- MSc in physics or chemistry or a related branch of science, or an equivalent degree that qualifies one for PhD studies in physics in the country of issue;
- knowledge of statistical mechanics and of numerical methods in physics or chemistry;
- interest in molecular biophysics;
- communicativeness and good command of spoken and written English;
- diligence at work and consistency in achieving results;
- additionally, programming skills within the Linux environment (including scripting languages) as well as prior experience in application of numerical methods (such as molecular dynamics simulations) in physics or chemistry will be considered strong assets;
- the candidate should be a PhD student accepted at a doctoral school or be a participant in a doctoral programme at the time of starting work in the project and receiving the scholarship

Main research field: physics

Sub Research Field: theoretical biophysics

Career Stage: early stage researcher or 0-4 yrs (post-graduate)

Research Profile ([details](#)): First Stage Researcher (R1)

Type of Contract: fixed term (20 months)

Status: full-time

Salary: untaxed scholarship, grant funding of 5000 PLN per month, before subtracting obligatory employer and employee social security contributions (~15%)

Contact

More information can be obtained from
Bartosz Różycki (e-mail: rozycki@ifpan.edu.pl).

Application details

Application deadline: April 10, 2023 (later applications will be not considered)

Required materials:

- Curriculum Vitae
- list of publications
- MSc diploma or an equivalent degree
- contact email addresses to academics who can provide recommendation letters
- consent to process your personal data

All materials should be submitted in electronic form to the address:
rekrutacja@ifpan.edu.pl with Job ID in the subject.

Information clause – scholarship competition

Pursuant to Article 13 paragraphs 1 and 2 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation) Official Journal of the European Union, L 119, 4 May 2016, page 1, as amended, hereinafter referred to as “GDPR”, we hereby inform as follows:

1. The Institute of Physics of the Polish Academy of Sciences with its registered office in Warsaw, Al. Lotników 32/46, represented by its Director, is the Controller, i.e. an entity deciding about how your personal data will be used. You may contact the Controller using one of the contact forms available on the website: tel. (22) 116-2111, e-mail: director@ifpan.edu.pl
2. The Director of the Institute of Physics of the Polish Academy of Sciences has appointed the Data Protection Officer (DPO), whom you may contact in matters relating to your personal data, by sending an email to the following address: iodo@ifpan.edu.pl
3. Your personal data will be processed in connection with your participation in the scholarship competition and if you win the competition, in connection with receiving the scholarship – on the basis of your consent – Article 6 paragraph 1 item a GDPR.
4. Your personal data will be processed for a period of 6 months after the end of the scholarship competition and in the case of receiving the scholarship – for a period resulting from legal and tax regulations;
5. Your personal data will be made available to other entities that can finance and settle the scholarship granted and entities authorized under provisions of law. Your data will only be accessed by people authorized by the Controller;
6. Provision of your personal data is mandatory; in the event of failure to do so, you will not be able to participate in the scholarship competition;
7. You have the right to access your data, the right to rectify it and limit processing thereof;
8. You have the right to lodge a complaint to the President of the Office for Personal Data Protection, if you consider that the processing of your personal data violates provisions of the General Data Protection Regulation.

Consent to processing:

I hereby consent to the processing of my personal data contained in the application/request form by the Institute of Physics of the Polish Academy of Sciences to conduct the scholarship competition and in the case of being granted the scholarship, to pay and settle it. I provide my personal data voluntarily and I declare that it is accurate. I have read the content of the information clause.

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Date and signature