



Job ID: # JOB 1/2023

Job Description

Job Title: professor, associate professor or assistant professor (adjunct) in theoretical biophysics

Job Summary:

The candidate selected in the competition will join the Laboratory of Biological Physics SL-4 of the Institute of Physics, Polish Academy of Sciences, as an independent researcher in the field of theoretical biophysics / biological physics.

Job Description:

The job offer is addressed to people who are passionate about science, who find satisfaction in conducting interdisciplinary research, for whom the employment at the Institute of Physics of the Polish Academy of Sciences will be the starting point for obtaining their own grants and developing scientific topics related to the properties and functions of biomolecules. The selected person will participate in the ongoing research in the field of protein dynamics, with an emphasis on intrinsically disordered proteins, including conformational changes, interactions and liquid-liquid phase separation. The candidate is also intended to bring a broader perspective by developing new theoretical approaches and/or topics related to the research on physical bases underlying biological phenomena. The topics can encompass *i.a.* physics of biopolymers at molecular level, biophysical properties of viruses and other self-assembling biomolecular systems. The methods can be based *i.a.* on molecular dynamics computer simulations by full atom or coarse-grained modelling, statistical methods, classical and quantum mechanics calculations, deep-learning (AI), quantum computing.

Employment is possible as a professor, associate professor (prof. IF PAN) or assistant professor (adjunct), depending on the candidate's qualifications:

http://www.ifpan.edu.pl/rn_ifpan/

[Regulamin opiniowania przez Komisje ds Samodzielných Pracownikow Naukowyc h przy powolywaniu na stanowiska profesorskie w IFPAN.pdf](#)

http://www.ifpan.edu.pl/ACTIVITY/Regulamin_Komisji_AA_26.2.2019.pdf

Requirements:

- Professorship, habilitation or a habilitation procedure in progress in biophysics, physics, chemistry, biochemistry, molecular biology, biotechnology or related disciplines; candidates from abroad with PhD are required to make a commitment to initiate their habilitation procedure within six months from getting employed;
- Strong academic background in physics;
- Relevant scientific experience documented by publications;
- Experience with concepts, techniques and numerical methods of theoretical biophysics; experience in multiscale and multiphase molecular dynamics simulations will be an added advantage;

- Brief presentation of the scientific plans for the next few years;
- Proficiency in spoken and written English language allowing for scientific contacts, grant application, publication writing etc.;
- Sufficient knowledge of spoken and written Polish language allowing for independent handling of administrative matters;
- Reliability and diligence at work, creativity, ability to work in an interdisciplinary group, soft skills allowing for becoming a leader of a theoretical group.

Main research field: Physics, Biology, Chemistry

Sub Research Field: Biophysics

Career Stage: More Experienced researcher or >10 yrs (Senior)

Research Profile ([details](#)): Established Researcher (R3) or (R4)

Type of Contract: Two year contract with possibility of prolongation

Status: Full-time

Salary, depending on the qualifications:

- Professor with professorship: 7,300 PLN gross monthly
- Associate professor (prof. IF PAN) with habilitation or professorship: 6,100 PLN gross monthly
- Assistant professor (adjunct) with or close to habilitation: 5,300 – 5,700 PLN gross monthly

Contact

More information can be obtained from Dr. hab. Anna Niedźwiecka, prof. IF PAN

(e-mail: annan@ifpan.edu.pl)

<http://www.ifpan.edu.pl/SL-4/index.php?group=niedzwiecka>

Application details

Application deadline: February 28th, 2023

Required materials:

- Curriculum Vitae
- List of publications
- Motivation letter including the outline of a research plan for the nearest years.
- Contact data (e-mail address or phone number) to at least two potential referees.
- If applicable - documents confirming scientific stays in foreign institutions (foreign relative to the country of your doctoral degree).
- Consent to process your personal data (expressed on the form attached to this announcement)
- Certificate of obtaining a habilitation or professorship issued by an institution recognised in Poland or a certificate of having the habilitation procedure in progress; in the case of candidates coming from abroad - a written commitment to initiate their habilitation procedure within six months from getting employed.

All materials should be submitted in electronic form to the address:

rekrutacja@ifpan.edu.pl with Job ID in the subject.

DATA PROCESSING UNDER CONSENT FOR THE PURPOSES OF RECRUITMENT

Under Art. 13 sections 1 and 2 of the Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of natural persons 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 Resolution), EU OJ L 119 of 04.05.2016, page 1, as amended, hereinafter referred to as "GDPR", we hereby inform as follows:

1. The Data Controller of the provided personal data is the Institute of Physics of the Polish Academy of Sciences, Al. Lotników 32/46, 02-668 Warsaw, phone (22) 116-2111, e-mail director@ifpan.edu.pl.
2. Contact details to the Data Protection Officer are as follows: e-mail iodo@ifpan.edu.pl
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of *professor, associate professor or assistant professor (adjunct)*.
4. Processing of your personal data in scope of: full name, date of birth, correspondence address, information about education and course of past employment shall take place under Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code. In the scope in which you sent to us more personal data than indicated above, we process your data under the consent granted by you.
5. Your personal data shall be stored for 1 month from completion of the recruitment process. If you grant consent for processing of personal data for future recruitments, we shall process your data until withdrawal of the consent by you, however, no longer than for the period of 6 months from the day of submittal of the application by you.
6. Provision of the abovementioned data in the scope indicated above is a statutory requirement resulting from Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code, in the remaining scope it is voluntary. Failure to provide the data referred to in Art. 22¹ § 1 of the Act of 26 June 1974 - Labour Code precludes consideration of your candidacy for the offered position.
7. You have the right to access your personal data, to rectify them, erase them, restrict their processing.
8. You may submit a complaint to the Inspector General for the Protection of Personal Data.
9. You have the right to withdraw the consent to process your personal data in the scope in which they were provided at any time. Withdrawing the consent does not affect the lawfulness of processing carried out on the basis of consent before its withdrawal.

Consent content:

I grant my consent to the Institute of Physics of the Polish Academy of Sciences to process my personal data contained in the sent recruitment documents for the purpose of carrying out the recruitment process for the position of professor, associate professor or assistant professor (adjunct).

If you want us to consider your candidacy also in the future recruitment processes, please grant the additional consent:

I grant my consent to the Institute of Physics of the Polish Academy of Sciences to process my personal data contained in the sent recruitment documents in future recruitment processes taking place during 6 months from the day of appearance of this job advertisement.