



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: # JOB 5/2024

Job Description

Job Title: PostDoc in the theory of quantum few-body systems

Job Summary:

Theoretical studies of strongly correlated multi-component few-body fermionic systems and their collective properties

Job Description:

The PostDoc will participate in the theoretical project "Quantum correlations in multi-component systems of several fermions" inspired by the most recent experiments in the field of ultra-cold gases confined in optical traps. The main objective is to perform very accurate, realistic numerical simulations which will bring us closer to a better understanding of physics of multi-component fermions mixtures. In addition, the successful candidate will help to supervise PhD Student in the project.

Profile of a candidate for the PostDoc position:

- PhD degree obtained in theoretical physics, ideally in the field of atomic physics,
- strong background in a whole area of theoretical physics,
- experience in numerical modeling of complex quantum systems is expected,
- scientific publications as a first author in recognized international journals,
- ability to work in a team AND as independent scientist,
- very good spoken and written English,
- experience in collaboration with experimental groups is advantageous.

The project is financed by the (Polish) National Science Centre.

Main research field: Physics

Sub Research Field: Quantum mechanics

Career Stage: Experienced researcher or 4-10 yrs (Post-Doc)

Research Profile ([details](#)): Recognised Researcher (R2)

Type of Contract: Temporary for 12 months with possible extension to 35 months.

Status: Full-time

Salary: Depends on qualifications. Approximately **9900** PLN per month (before ~ 30% taxes and applicable social security contributions)

Contact

More information can be obtained from

prof. Tomasz Sowiński (e-mail: tomsow@ifpan.edu.pl, www.ifpan.edu.pl/~tomsow).

Application details

Application deadline: February 4, 2024. Later applications will not be considered.

Required materials:

- Curriculum Vitae
- List of publications
- Motivation letter
- Contact data (e-mail) to at least two potential referees familiar with candidate scientific profile
- Consent to process your personal data (expressed on the form attached to this announcement)
- Certificate of obtaining a doctorate issued by an institution recognised in Poland. In the case of institutions not recognised in Poland, the doctorate will have to be nostrified before employment.

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 POST-DOC.
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 POST-DOC.

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.
