



Job ID: #JOB 15/2021

## Job Description

**Job Title:** Assistant in theoretical physics

**Job Summary:**

Institute of Physics, Polish Academy of Sciences calls for applications for an assistant (postdoc-type) position in the Division of Theoretical Physics (website:

<http://www.theory.ifpan.edu.pl/index.php>)

The applicant is expected to join the research ongoing in the Division in at least one of the following subfields of theoretical physics:

- ultra-cold atomic gases,
- few-body and many-body physics of quantum systems,
- Bose-Einstein condensates in atomic systems and semiconductor structures (polaritons),
- modelling electronic and structural properties of semiconductors: bulk materials, low-dimensional structures, and surfaces (including theory of dynamics of growth processes and surface formation),
- biophysics, with focus on numerical simulations and modelling of proteins,
- spin properties of semiconductors, with focus on spin qubits and dopant spins
- topological insulators,
- open quantum systems.

A more detailed list of topics of interest within the Division can be found here:

<http://www.theory.ifpan.edu.pl/research.php>

**Job Description:**

**Requirements:**

- PhD degree in physics.
- Previous experience (documented by publications) in research in at least one of the above-mentioned subfields, including at least 2 first-authored papers.
- Research plan that
  - (1) is relevant for at least one of the above-mentioned subfields of theoretical physics;
  - (2) shows willingness to take an active part in research ongoing within the Division.
- Good spoken and written English.
- Diligence, intellectual curiosity, teamwork skills, responsibility and ethics in scientific work, reliability, creativity, analytical thinking, ability to work under the pressure of time.

**Main research field:** Physics

**Sub Research Field:** Theoretical Physics

**Career Stage:** Early stage researcher (with PhD)

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

**Type of Contract:** Two year contract with possibility of prolongation

**Status:** Full-time

**Salary:** 4300 PLN per month (before taxes).

## Contact

More information can be obtained from Prof. Łukasz Cywiński  
(e-mail: [lcyw@ifpan.edu.pl](mailto:lcyw@ifpan.edu.pl)).

Making contact is highly recommended, see application details below.

## Application details

**Application deadline:** April 16th, 2021

**Required materials (in Polish or English):**

- Motivation letter containing a research plan relevant for at least one of the above-mentioned subfields of theoretical physics pursued in the Division. For more details about research in the Division please contact prof. Łukasz Cywiński ([lcyw@ifpan.edu.pl](mailto:lcyw@ifpan.edu.pl)).
- 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.
- List of publications
- Curriculum Vitae containing a summary of main accomplishments and a list of 2-3 papers that the applicant considers hers/his most interesting ones
- Consent to process your personal data
- Contact data (e-mail) to at least two potential referees, who agreed to write a recommendation letter.

All materials should be submitted in electronic form to the address: [jobs@ifpan.edu.pl](mailto:jobs@ifpan.edu.pl) with Job ID XXX 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](mailto:director@ifpan.edu.pl).
2. Contact details to the Data Protection Officer are as follows: e-mail [iodo@ifpan.edu.pl](mailto:iodo@ifpan.edu.pl)
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of .....
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. 22<sup>1</sup> § 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. 22<sup>1</sup> § 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. 22<sup>1</sup> § 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 .....*

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*