



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB 55/2020

Job Description

Job Title: Post doc in solid state physics

Job Summary:

Investigations of optical properties of semiconductor nanostructures: nanowires and quantum dots including micro-photoluminescence, cathodoluminescence, and magnetoluminescence.

Job Description:

The Post-doc will be involved in the realization of the project which aim is the growth of one- and zero-dimensional nanostructures: nanowires and quantum dots, made of II-VI semiconductors by molecular beam epitaxy and a detailed investigation of their optical properties. The studied heterostructures will contain type II band alignment which would lead to spatial separation of carriers (electrons and holes) inside of them. As a result some new and exciting quantum phenomena are expected (including Aharonov-Bohm oscillations, stable magnetic polaron formation). The Post-doc position is dedicated to the optical properties study of these structures.

Profile of the candidate:

- PhD title in physics or chemistry
- Fluent English (oral and written).
- Research stages in experimental physics- or chemistry laboratories
- Experience in optical investigation of solids would be advantageous

Main research field: Physics

Sub Research Field: Solid state physics

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

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

Type of Contract: Temporary 17 month

Status: Full-time

Salary:

10 000 PLN brutto per month (including taxes paid by the employer)

Contact

More information can be obtained from

Dr. Piotr Wojnar, Assoc. Professor at the Institute of Physics PAS

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

Application details

Application deadline: December 31, 2020.

Required materials:

- Curriculum Vitae
- List of publications

- Motivation letter
- 2 reference letters from scientists with PhD title or emails to these persons
- Consent to process your personal data (expressed on the form attached to this announcement)

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