



**Job ID:** (#JOB17/2019)

## Job Description

**Job Title: Assistant or assistant professor (dependently on qualifications) in high-resolution X-ray diffraction methods in solid state science**

### Job Summary:

The employed winner of the competition ("The Employee") will conduct experimental research in the field of solid-state physics and chemistry, using the high-resolution X-ray diffraction. The research will mostly concern the defect nature of epitaxial thin films and multilayers, synthesized mostly in the laboratories of the Institute of Physics. Performing own scientific projects will be possible. The candidate must have experience in conducting research in the field of solid state physics and chemistry, in particular in structural research using X-ray diffraction methods. Experience in X-ray diffraction studies will be considered as an advantage.

### Job Description:

The Employee will:

- (i) take part in common studies (involving the collaborating groups) of various epitaxial thin films and semiconductor heterostructures, produced in large part in the IFPAN technological laboratories.
- (ii) take part in studies of defect nature of single crystals applicable in electronics and optoelectronics.

The performed research in solid-state physics and chemistry will be based on X-ray diffraction experiments conducted in the X-ray Laboratory of SL1 Division of the Institute of Physics of the Polish Academy of Sciences, and on experiments performed at synchrotron facilities in Europe, using methods of X-ray diffraction.

The candidate must have experience in conducting experimental research in the field of solid state physics or chemistry or materials science, and an experience in structural research using X-ray methods will be considered as an advantage.

We expect from the candidate:

- (a) a fast getting acquainted with experimental techniques used in the field of X-ray diffraction and with software used to calculate and visualize the obtained results.
- (b) involvement in conducting measurements, their interpretation with care for taking into account the current literature data, and writing scientific papers,
- (c) initiatives of the Employee in the search for research topics; organizational skills are desirable,
- (d) activity in obtaining funds for research.

The candidate must have a PhD degree obtained in the field of physics, chemistry, materials research or a related field. The candidate is required to be fluent in speaking and writing in English so that he/she can read and write scientific papers and short communications. Ability to work in a group is necessary.

It is allowed to consider applications of candidates who have written a doctoral thesis, whose defense will take place before 30<sup>th</sup> Sept 2019.

**Main research field:** Physics

**Sub Research Field:** Solid state physics

**Career Stage:** PhD holder

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

**Type of Contract:** Temporary. (2 years with possibility of prolongation)

**Status:** Full time

**Salary:** Depends on qualifications

From 3500 to 4000 PLN per month (before taxes), depending on qualifications.

## Contact

More information can be obtained from Prof. Dr. hab. Wojciech Paszkowicz (e-mail: [paszk@ifpan.edu.pl](mailto:paszk@ifpan.edu.pl), phone +48 221163301

## Application details

**Application deadline: June 30, 2019. Later application may also be considered.**

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

- Curriculum Vitae
- List of publications
- Consent to process your personal data
- Motivation letter
- Contact details (e-mail) to two scientists knowing the candidate's achievements who agree to write reference letters.
- The top candidate will be granted for position. In case of resignation of top ranked candidate, the next person from the ranking list can be selected. We reserve the right to cancel the competition without giving a reason.

All materials should be submitted in electronic form to the address: [jobs@ifpan.edu.pl](mailto: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](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 assistant/assistant professor
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 assistant/assistant professor .*

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.*