



**Job ID: #JOB 53/2022**

## Job Description

**Job Title:** Assistant, in in-situ investigations of nanostructures with advanced TEM methods

**Job Summary:**

The assistant will be involved in the implementation of the statutory subject of the SL-14 group. In particular, the researcher will be involved in the development of **in-situ and in-operando** transmission electron microscopy research methods of nanomaterials and heterostructures. The candidate's tasks will also include close cooperation (including trainings) with students and doctoral students of the IPPAS Electron Microscopy group and other IPPAS groups as well as helping and supporting other researchers from outside the institute in characterizing materials using TEM methods and interpreting data for publication purposes.

**Job Description:**

- PhD in physics,
- PhD thesis related to transmission electron microscopy studies of semiconductor, ceramic, metallic materials or inorganic nanoparticles;
- (co)authorship of scientific publications in international journals related to transmission electron microscopy,
- the ability to independently operate a TEM microscope with a magnetic optics aberration correction technology using at least: Cs-HRTEM, Cs-HRSTEM, 4D STEM, EELS, EDS
- knowledge of software for simulating electron microscopic images and diffraction
- knowledge of software for scientific image analysis such as: GMS, ImageJ, HyperSpy and the familiarity with coding at least at the level of scripts or the C ++ or Python language
- experience in in-situ TEM research with the use of MEMS technology (electro-mechanical systems) and specialist training certificates in the field of TEM methods, and an internship in a foreign center specializing in research with the use of TEM will be an additional advantage, will be an additional advantage.
- good command of the English language
- ability to work in a team

**Main research field:** Physics

**Sub Research Field:** Solid State Physics, Electron Microscopy

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

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

**Type of Contract:** Temporary (33-month contract with possibility of prolongation)

**Status:** Full-time

**Salary:** Approximately **4300,- PLN** per month (before ~ 30% taxes, exact amount depends slightly on applicable social security contributions).

**Contact**

More information can be obtained from Sławomir Kret (e-mail: [kret@ifpan.edu.pl](mailto:kret@ifpan.edu.pl)).

## Application details

**Application deadline: December 1, 2022.** Applications sent after the deadline will not be considered.

### Required materials:

- Curriculum Vitae
- List of publications
- Contact data (e-mail) to at least two potential referees.
- If applicable - documents confirming scientific stays in foreign institutions (foreign relative to the country of your doctoral degree).
- 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.
- 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: [rekrutacja@ifpan.edu.pl](mailto:rekrutacja@ifpan.edu.pl) with Job ID #JOB 53/2022 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.
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.*

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.*