



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB48/2019

Job Title: assistant in Transmission Electron Microscopy

Job Summary:

Institute of Physics, Polish Academy of Sciences calls for applications for open assistant position in the Group Electron Microscopy in Laboratory of X-ray and Electron Microscopy Research

The applicant will participate in advanced transmission electron microscopy studies of nanomaterials, including high resolution TEM and STEM image simulation, electron diffraction and holography. The experiments will be carried out at the Institute using the Titan-Cubed 80-300 microscope as well as in cooperation with other groups in the country and abroad.

Detail Job Description:

The tasks of the candidate will include:

- active participation in laboratory investigations mainly focused on the analysis, interpretation and simulation of high resolution images of nanostructures,
- implementing and developing new research methods of transmission electron microscopy using advanced computational methods for analyzing microscopic images,
- creative approach to research topics carried out in the laboratory, introduction of innovative research directions and obtaining grant funds for their implementation,
- dissemination of scientific achievements by preparing publications for specialist international journals, presenting results at national and international conferences and during scientific seminars and other events promoting science.
- training of scientific staff, PhD students and students on the field of transmission electron microscopy,
- performing commissioned research works for scientific units at Institute and outside,
- administrative activities focus for preparing applications for financing new research projects.

Required Experience :

- PhD in solid state physics, obtained after 2016 (or after 2015 if the candidate was on parental vacation related to birth of child),
- documented experience in the quantitative interpretation of HRTEM, STEM and electron diffraction (minimum one publication in this field),
- the ability to use an instrument oriented software for quantitative analysis of large, multidimensional sets of experimental data in the form of 4D and 5D data blocks,
- knowledge of computational methods and software dedicated to the quantitative interpretation of data recorded by detectors and cameras of modern transmission electron microscopes,
- the qualitative and quantitative interpretation of diffraction spectra and X-ray reflectometry of heterostructures,

- programming skills in Python, C++ and scripts writing,
- good command of spoken and written English,
- the ability to work in a team,
- the ability to present oral scientific results at international conferences (at least one oral presentation in English at an international conference)

Main research field: Physics

Sub Research Field: Applied physics, solid state physics

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

Research Profile: Recognized Researcher (R2)

Type of Contract: Temporary 2 years with possibility of prolongation

Status: Full-time

Salary: 3700 PLN per month (before taxes).

Contact

More information can be obtained from e-mail: Piotr Dłużewski (e-mail: dluzew@ifpan.edu.pl).

Application details

Application deadline: October 30, 2019.

Required materials:

- Curriculum Vitae
- List of publications
- Doctor degree in Physics
- Motivation letter
- Contact details to two references
- Consent to process your personal data
- 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 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. 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 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.