Institute of Physics of the Polish Academy of Sciences

OPEN POSITION

Job ID: #JOB46/2020

Job Description

Job Title: Assistant or assistant professor (dependently on qualifications) in ambient, high-temperature and high-pressure X-ray diffraction methods in solid state physics

Job Summary:

The employed winner of the competition will carry out X-ray diffraction experiments in the field of solid state physics, using X-ray powder diffraction methods at ambient and non-ambient temperatures and pressures, with opportunity for extension to and single crystal diffraction methods. The research will concern the structure studies of various crystalline materials. Some of them may include those produced in IFPAN technological laboratories, for which the studies at ambient and non-ambient conditions are required. The candidate must have experience in conducting research in the field of solid state physics chemistry and/or materials science. Experience in structural research will be considered as advantage. Conducting own research projects will be possible.

Job Description:

The recruited winner of the competition will carry out the X-ray diffraction experiments in the X-ray Laboratory of SL1 Division of the Institute of Physics of the Polish Academy of Sciences. Interpretation of the results will be bsed on the Rietveld method of refining the crystal structure, a part of the work will concern diffraction experiments at high temperatures and high pressures. These studies will be carried out within scientific projects concerning the structure of semiconductors, superconductors as well as optoelectronic and magnetic crystals, mostly for samples prepared in technological laboratories of IFPAN.

The candidate must have a documented experience in conducting research in the field of solid state physics and/or chemistry, and it is desirable to have experience in structural research using X-ray or neutron diffraction methods.

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 results of determining the structure of crystals,

(b) engagement in conducting measurements, their interpretation with care for taking into account the current literature data, and describing the results in scientific papers,

(c) initiatives of the winner in the search for research topics; organizational skills are desirable,

(d) activity in obtaining funds for research.

The candidate must have a PhD degree in physical sciences obtained in the field of physics, chemistry, materials science 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 1st February 2021.

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 4000 to 4700 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, phone +48 221163301

Application details

Application deadline: December 31, 2020.

Required materials (in Polish or English):

• Curriculum Vitae

• List of publications

- Consent to process your personal data
- Motivation letter
- Contact details 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 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/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. 22^1 § 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. 22^1 § 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. 22^1 § 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.*