



Job ID: #JOB32/2021

Job Description

Job Title: Professor, specialist in studies of structure and dynamics of crystal lattice

Job Summary:

Experimental studies of the structure and dynamics of crystal lattice of solids, in particular semiconductors. Successful applicant will study physical properties of various materials in a broad temperature range, applying both laboratory facilities (Raman scattering spectroscopy, Fourier infrared spectroscopy FTIR) and large research infrastructure European facilities for synchrotron radiation and neutron sources.

Job Description:

After employment the applicant will study various semiconductor compounds, alloys and layered heterostructures relevant for optoelectronics and application in the fields of thermoelectricity or spintronics, with the particular emphasis on topological crystalline insulators. Materials for this research program will be provided by IP PAS technological laboratories or our partners. The key experiments will concern optical properties of semiconductors (Raman scattering, reflectivity, transmission in the infrared) carried out in laboratory environment as well as the studies at large facilities for diffraction and scattering of synchrotron radiation and neutrons.

Successful applicant is expected to have many-year experience (as certified by his/her relevant, significant publication record) with various optical and diffraction experimental techniques applied in solid state physics. Particularly important is practical experience in carrying out measurements at large research facilities and interpreting dynamic lattice properties based on diffraction and scattering of neutrons as well diffraction of synchrotron radiation in X-ray spectral range.

Main research field: Physics

Sub Research Field: Solid State Physics

Career Stage: Experienced, independent scientific researcher

Research Profile ([details](#)): Leading Researcher (R4)

Type of Contract: 3 years with possibility of prolongation

Status: Part time (0.49)

Salary: 3,283 PLN per month (before taxes).

Contact

More information can be obtained from Dr. hab. Andrzej Łusakowski (e-mail: lusak@ifpan.edu.pl).

Application details

Application deadline: August 23, 2021.

Later applications will not be considered.

Required materials:

- Motivation letter
- Copy of the award of the title of professor or doctor-of-science (habilitation) diploma
- List of publications for the last 10 years
- Curriculum Vitae
- Scientific plans connected with the 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: 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
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

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.