



Job ID: # 61/2021

Job Description

Job Title: Post-doc in condensed matter physics

Job Summary:

The duty of the employee will be magneto-transport measurements oxide based thin films along with professional preparation of samples for this type of measurements

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The duty of the employee will be to automatize using Labview a custom made Hall set-up, perform temperature dependent magneto-transport measurements of oxide based semiconductor layers along with preparation of samples for this type of measurements and other kinds of electrical characterization techniques. In detail, the selected candidate will be the main responsible for the Hall set-up both in terms of its hardware and software upgrading and maintenance as well as in preparation of the samples by electron-lithography and reactive ion etching, performing commissioned measurements, the analysis and interpretation of the measurements and preparation of the data for publication purposes. In addition, preparation of commissioned structures by using electron-lithography and reactive ion etching to be used for performing complementary electrical analysis of the oxide based layers might also be requested by time to time. Considering the above mentioned tasks, previous knowledge of Labview and methods of preparation of electrical contacts using electron-lithography and reactive ion etching will be considered as mandatory.

Main research field: Physics

Sub Research Field: Solid State Physics

Career Stage: Recognized Researcher (R2) • PhD in physics defended no earlier than 8 and no later than 2 years ago. Experience in transport measurements carried out at helium temperatures, knowledge of programming in Labview, experience in preparing samples for transport measurements by electron-lithography and ion etching

Type of Contract: 1 year tentative contract with the possibility of extension

Status: Full-time

Salary: Depending on qualifications, from 4300 to 4900 PLN per month (before taxes).

Contact

More information can be obtained from prof. Elżbieta Guzewicz (e-mail: guzel@ifpan.edu.pl).

Application details

Application deadline: January 7th, 2022

Applications after deadline are not considered.

Required materials:

- Curriculum Vitae
- Motivation letter
- List of publications
- Contact data (e-mail) to, at least two potential referees.

- copies of documents proving education
- 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.