



Job ID: #JOBS 27/2020

Job Description

Job Title: Assistant in the field of nanomagnetism, characterizing dynamic properties of magnetic nanostructures grown by MBE method.

Job Summary:

Experimental and theoretical studies on the static and dynamic magnetic properties of multilayers and low-dimensional structures grown by the MBE method.

Job Description:

Researcher will be involved in studies of magnetism in ultra-thin magnetic metallic nanostructures using magneto-optical Kerr effect setups (MOKE), as well as studies of surface and magnetic properties of magnetic layers with use of microscopic techniques in-situ and ex-situ (STM, AFM, MFM). Layered systems will be produced by molecular beam epitaxy MBE. One of the basic tasks of the employee at the offered position will include theoretical studies of the magnetic properties of investigated structures, based on his/her results obtained from micromagnetic simulations. Additional tasks set for the applicant:

- Taking care of phd students
- Development of cooperation with national and foreign institutions to broaden research topics
- searching for the possibilities of applications for grants and research funds

Also, the specificity for the job position is to raise qualifications and deepen knowledge in the field of research topics, proper and relevant interpretation of obtained research results, and present them at international conferences, seminars, reports, and publications.

Main research field: Physics

Sub Research Field: Solid state physics

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

Requirements;

Ph.D. degree in experimental physics not earlier than in 2015. Experience in characterizing of the magnetic properties of epitaxial structures, performing and analyzing the results of micromagnetic simulations, as well as experience in realization of scientific projects is expected. Skills in programming and using programs like Mathematica, OOMMF or muMAX are necessary. Skills in microscopic measurements of STM/AFM/MFM in-situ (in UHV conditions as well as a knowledge of nanotechnology using MBE system are expected. Supervising graduate or doctoral students is important factor in the application evaluation.

Research Profile: Recognised Researcher (R2)

Type of Contract: Temporary for 2 years with possible extension

Status: Full-time

Salary:

4000 PLN per month (before taxes).

Contact

More information can be obtained from prof. dr hab. Lech T. Baczewski(e-mail: bacze@ifpan.edu.pl).

Application details

Application deadline: July 05, 2020 Applications after deadline are not considered.

Required materials:

- Curriculum Vitae
- List of publications
- Motivation letter
- Consent to process your personal data
- Addresses and contacts to at least two scientist who can be asked for a recommendation letter

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.