



Job ID: #JOB 9/2023

Job Description

Job Title: Assistant/Post-Doc in experimental condensed matter physics

Job Summary:

The candidate will join the ON-3.2 research group. She/he will study magnetoelastic properties of different materials by means of the modulated by strains (produced by ultrasonic waves) ferromagnetic resonance (SM FMR), as well as conduct supplementary studies of magnetic properties (magnetization, susceptibility) over a wide range of temperatures (2 -400 K) in external magnetic field up to 12 T.

Job Description:

Requirements:

- The candidate should have a doctor degree in physics or in a related branch of science and a several year experience in experimental work.
- Skills in magnetic resonance and low temperature studies are the necessary condition.
- Skills in using the strain modulated (SM) ferromagnetic resonance (FMR) technique will be preferred strongly.
- Good knowledge of Polish language in speaking and writing (necessary in cooperation with technical services of our Institute) will be preferred.
- Good knowledge of spoken and written English will be required.
- Skills in measuring magnetic properties (magnetization, susceptibility) will be preferred.

In our group, magnetic, thermal (specific heat), magnetoelastic (magnetostriction), transport and superconducting properties of various kinds of materials (e.g., multilayers, single crystals, Heusler alloys, perovskites) as well as phase transitions appearing in them are studied. As the basic apparatus, FMR spectrometers and PPMS are used. It is expected that the candidate will:

- perform studies of magnetoelastic properties by means of the SM FMR method,
- prepare research proposals and apply for additional funds to Polish and European institutions,
- analyze experimental results and prepare them for publication,
- try to improve and repair the research equipment.

Main research field: Physics of condensed matter

Sub Research Field: magnetism and superconductivity

Career Stage: Experienced researcher, Post-Doc

Research Profile ([details](#)): Recognised Researcher (R2)

Type of Contract: Temporary, 2 years with possibility of prolongation

Status: Full time

Salary: 4700 PLN (before ~ 20% taxes)

Contact

More information can be obtained from prof. Andrzej Szewczyk (e-mail: szewc@ifpan.edu.pl).

Application details

Application deadline: February 27th, 2023. Applications sent after the deadline will not be considered.

Required materials:

- Motivation letter
- Curriculum Vitae
- List of publications
- Contact data (e-mail) to at least two potential referees
- If applicable - documents confirming scientific stays in foreign institutions (foreign relative to the country of the candidate doctoral degree)
- Certificate of obtaining a doctorate issued by an institution recognised in Poland. In the case of institutions not recognised in Poland, the doctorate will have to be nostrified before 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: rekrutacja@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/Post-Doc.
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/Post-Doc.

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.