



Job ID: # JOB 6/2020

Job Description

Job Title: postdoc (adiunkt), investigations of magnetoelastic properties and damping of magnetic materials.

Job Summary:

Investigations of magnetoelastic properties, magnetic damping and magnetic anisotropy of the thin films of Heusler alloys Co_2YZ and NiMnZ ($Z=\text{Sn}, \text{Ga}$) and zinc ferrite thin films in the ON 3.2 Group within the framework of OPUS NSC project.

Job Description:

Candidate will be involved in realization of OPUS NSC project „Correlations between electromagnetic and magnetoelastic properties of thin ferromagnetic films”. Successful candidate will use different methods of ferromagnetic resonance, allowing studying magnetoelastic properties, magnetic damping and magnetic anisotropy, among which are spectrometers Strain Modulated FMR, Vector Network Analyzer FMR and X-band spectrometer. There is also possible the participation in magnetic moment investigations by means of SQUID and VSM magnetometry and synthesis of magnetic thin films. Because of the complexity of the applied SMFMR technique, successful candidate **must** have knowledge of the subject, applied technique and at least 3 year experience in experimental studies of magnetoelastic properties in thin film materials, which is reflected in publication list in internationally recognized journals with IF. Experience in using experimental set-ups such as SM FMR, VNA FMR, VSM as well as the computer programs for data analysis (OriginPro, Mathcad, Wolfram Mathematica) is required. Candidates also should have a good knowledge of English and be able to communicate and write scientific texts in this language. Moreover, she/he should be able to work and collaborate with the team. The position is dedicated to young scientists just after obtaining doctoral degree.

Main research field: Physics

Sub Research Field: Solid state physics

Career Stage: Ph.D. in physics completed in 2019/2020 or obtained before the beginning of work (April 1, 2020); at least 3 year experience in experimental studies of magnetoelastic properties in thin film materials confirmed by publications with IF. Preference will be given to candidates who have experience in applying the SMFMR technique.

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

Type of Contract: temporary, 32 months

Status: Full-time

Salary: 10000 PLN per month (employer's costs).

Contact

More information can be obtained from dr hab. Adam Nabiałek (e-mail: nabia@ifpan.edu.pl).

Application details

Application deadline: March 06, 2020. Later applications will not be considered.

Required materials:

- Motivation letter
- Curriculum Vitae
- List of publications
- Consent to process your personal data (expressed on the form attached to this announcement)
- Contact data to, at least, two potential referees.

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 postdoc (adunkt).
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 postdoc (adiunkt).

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.