



**Job ID: #JOB33/2019**

## Job Description

**Job Title:** Post-Doc in experimental solid state physics

**Job Summary:**

The winner will carry out research in fulfillment of the statutory objectives of the Institute of Physics of the Polish Academy of Sciences, related to the nanoscopic investigations of magnetically ordered materials. He/she will use the Nuclear Magnetic Resonance (NMR) spectroscopy as an experimental tool, obtaining information on the magnetic and structural properties via analysis of hyperfine fields and relaxation data provided by the NMR experiment.

**Job Description:**

NMR laboratory is equipped with three automated spin echo spectrometers , covering the frequency range 20 MHz – 1 GHz, operating in the temperature range 1.6K – 300K. The experiments are carried out on demagnetized samples (zero – field) as well as in the external magnetic field up to 6T, generated in the superconductive magnet.

The tasks include:

- Running the NMR experiments in fulfillment of the current research obligations (statutory tasks and research grants)
- Data processing with the use of dedicated software and analysis in the context of macroscopic data , aiming at understanding local magnetic and structural properties of the investigated samples.
- Creative approach towards the research program of the laboratory , proposing new research directions and writing grant proposals to secure their funding.
- Dissemination of scientific results via publications in high ranking physics journals and presentations at international conferences and seminars

Required experience:

Ph. D. degree in Physics, granted not earlier than in the year 2017.

Documented experience in NMR research in magnetic materials (minimum one published paper in this field)

Good command of English.

Good knowledge of software dedicated to data analysis and visualization as well as editorial tasks (e.g. Windows, MS Office, Origin, LaTeX)

Ability to work as an individual as well as in a team, ability to find the way in the new research environment.

Documented experience in oral presentations of the research findings at international conferences.

**Main research field:** Physics

**Sub Research Field:** Magnetic materials

**Career Stage:** Post-graduate 0-2 years.

**Research Profile** ([details](#)): Second Stage Researcher (R2)

**Type of Contract:** 2 years (with possibility of prolongation)

**Status:** Full time

**Salary:** 3700 PLN per month (before taxes).

## Contact

More information can be obtained from: dr hab. Marek Wójcik (e-mail: [wojci@ifpan.edu.pl](mailto:wojci@ifpan.edu.pl)).

## Application details

**Application deadline:** August 20 , 2019

### Required materials:

- Curriculum Vitae
- List of publications
- Consent to process your personal data (expressed on the form attached below)
- Motivation letter
- Contacts to at least two potential referees, including PhD supervisor of the candidate

All materials should be submitted in electronic form to the address: [jobs@ifpan.edu.pl](mailto: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](mailto:director@ifpan.edu.pl).
2. Contact details to the Data Protection Officer are as follows: e-mail [iodo@ifpan.edu.pl](mailto:iodo@ifpan.edu.pl)
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of Post-Doc in experimental solid state physics.
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. 22<sup>1</sup> § 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. 22<sup>1</sup> § 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. 22<sup>1</sup> § 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 Post-Doc in experimental solid state physics .*

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.*