



Job ID: #JOB8/2019

Job Description

Job Title: Doctor with Advanced Research and Development Experience

Job Summary:

Conducting research of topological matter in one of MagTop's teams, see: <http://www.magtop.ifpan.edu.pl/>, EURAXESS: Established Researcher – R3.

Job Description:

Conducting research in one of MagTop's ON6 (<http://www.ifpan.edu.pl/sdvs/en/on6.html>) Teams.

Key responsibilities include:

- development of analytical and numerical methods to study of topological materials
- study of non-equilibrium topological phenomena
- computations for (non-equilibrium) transport and dynamics
- collaboration with experimentalists and theoreticians working on topological matter

Research activity of MagTop is described in its agenda: <http://www.magtop.ifpan.edu.pl/>

The [International Centre for Interfacing Magnetism and Superconductivity with Topological Matter – MagTop](http://www.ifpan.edu.pl/index_en.php) is the Division (ON-6) of the Institute of Physics PAS (http://www.ifpan.edu.pl/index_en.php) and is funded by a grant won by Professors [Tomasz Dietl](#) and [Tomasz Wojtowicz](#) within the programme of the Foundation for Polish Science, carried out from the funds of the European Regional Development Fund under the Smart Growth Operational Programme (SG OP), Priority Axis 4: Increasing the research potential, Measure 4.3: International Research Agendas (<http://www.fnp.org.pl/en/oferta/international-research-agendas-ira/>). MagTop activities involve strong local and international collaborations, the strategic partner unit being Julius-Maximilians-Universität Würzburg, Germany, particularly the Institute EP3 headed by Professor Laurens W. Molenkamp.

Main research field: Physics

Sub Research Field: Solid State Physics

Career Stage: - PhD degree in physics with at least 6 years of research experience after the PhD

Qualifications:

- A proven ability for outstanding research and team work, which are reflected in applicant's publications
- Proficiency in spoken and written english (knowledge of Polish is not required)
- Experience in non-equilibrium physics (e.g. non-equilibrium transport and dynamics) demonstrated with publications
- A proven ability to solve difficult mathematical problems
- Knowledge of geometrical phases (e.g. Berry phase or topological invariants)
- Knowledge of theoretical methods to describe transport and optical properties as well as dissipative effects

Research Profile ([details](#)): Established Researcher (R3)

Type of Contract: Contract for 6 months, with a possibility of prolongation

Status: Full-time

Salary: 15 000 PLN per month (3 500 € per month), less than 24% in employee taxes and social security contributions.

Contact

All queries should be submitted to: open_positions@MagTop.ifpan.edu.pl or to Prof. Tomasz Dietl (dietl@ifpan.edu.pl)

Application details

Application deadline: April 1, 2019 Later applications may also be considered.

Required materials:

- Detailed CV (up to 3 pages)
- Full list of publications
- Cover/motivation letter, please mention earliest possible starting date (1 page)
- Contact details to two references
- Consent to process your personal data

All materials should be submitted in electronic form to **2 the addresses:** jobs@ifpan.edu.pl with Job ID in the subject and open_positions@MagTop.ifpan.edu.pl

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 **Doctor with Advanced Research and Development Experience**
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 **Doctor with Advanced Research and Development Experience**.*

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.