



Job ID: #JOB15/2019

## Job Description

**Job Title:** PhD student (EURAXESS: First State Researcher - R1)

### Job Summary:

Preparing PhD thesis in one of MagTop's teams, see: <http://www.magtop.ifpan.edu.pl/>,

### Job Description:

Subjects of PhD thesis will concern: (i) development of new topological materials, (ii) their nanostructurizations and advanced studies of their properties by various methods to including synchrotron radiation or low temperature technics, (iii) theoretical or computer approaches.

Examples of PhD thesis subjects:

[http://www.ifpan.edu.pl/msdifpan/tematy\\_badawcze/ON6\\_MagTop-Low-temperature quantum phenomena in topological systems.pdf](http://www.ifpan.edu.pl/msdifpan/tematy_badawcze/ON6_MagTop-Low-temperature_quantum_phenomena_in_topological_systems.pdf)

[http://www.ifpan.edu.pl/msdifpan/tematy\\_badawcze/ON6-Topological effects in condensed matter systems.pdf](http://www.ifpan.edu.pl/msdifpan/tematy_badawcze/ON6-Topological_effects_in_condensed_matter_systems.pdf)

[http://www.ifpan.edu.pl/msdifpan/tematy\\_badawcze/ON6-Magnetic impurities in topological materials-computer simulations.pdf](http://www.ifpan.edu.pl/msdifpan/tematy_badawcze/ON6-Magnetic_impurities_in_topological_materials-computer_simulations.pdf)

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](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

**Research Profile** ([details](#)): PhD student (EURAXESS: First State Researcher - R1)

**Type of Contract:** Stipend for up to 4 years, provided by the Foundation for Polish Science

**Status:** Full-time

**Salary:** 3 500 – 4 500 PLN per month (830 – 1 060 € per month), health insurance covered, no taxes, see, [www.polandunraveled.com/cost-of-living-in-poland/](http://www.polandunraveled.com/cost-of-living-in-poland/)

## Contact

All queries should be submitted to: [open\\_positions@MagTop.ifpan.edu.pl](mailto:open_positions@MagTop.ifpan.edu.pl) or to Prof. Tomasz Dietl ([dietl@MagTop.ifpan.edu.pl](mailto:dietl@MagTop.ifpan.edu.pl))



## Application documents and deadline:

See, [http://www.ifpan.edu.pl/msdifpan/Studium/Info\\_for\\_candidates.html](http://www.ifpan.edu.pl/msdifpan/Studium/Info_for_candidates.html) for required documents, the date of the interview will be arranged individually.

Please submit all documents and queries to: [open\\_positions@MagTop.ifpan.edu.pl](mailto:open_positions@MagTop.ifpan.edu.pl) mentioning MagTop as your choice and your research interests. Applicants to MagTop should provide also the list of the grades acquired during BCs and MSc courses and consent to process personal data.

**Deadline:** June 2, 2019

All materials should be submitted in electronic form to **2 the addresses:** [jobs@ifpan.edu.pl](mailto:jobs@ifpan.edu.pl) with Job ID in the subject and [open\\_positions@MagTop.ifpan.edu.pl](mailto:open_positions@MagTop.ifpan.edu.pl)

## Information clause in the process of recruitment for studies

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 Regulation), 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, i.e. the entity deciding how your personal data are used, is the Institute of Physics of the Polish Academy of Sciences, represented by the Director, with its registered office in Warsaw Al. Lotników 32/46. You can contact the Data Controller using one of the contact forms available at: phone (22) 116-2111, e-mail [director@ifpan.edu.pl](mailto:director@ifpan.edu.pl).
2. The Director of the Institute of Physics of the Polish Academy of Sciences has appointed a Data Protection Officer (DPO) with whom you may contact in matters regarding your personal data. You may contact the Officer sending an e-mail to: [iodo@ifpan.edu.pl](mailto:iodo@ifpan.edu.pl)
3. Your personal data shall be processed in order to perform the process of recruitment for studies;
4. The basis for processing of your personal data are provisions of the Act on Higher Schools and Education (consolidated text: Journal of Laws of 2018, item 1668);
5. Your personal data shall be processed for the period of 6 months upon completion of the recruitment process and in case of admission to studies, according to the course of the studies, and then they shall be archived according to the applicable provisions;
6. Your personal data shall not be made available to any other entities save for entities authorised under the provisions of the law. Employees and members of the university recruitment committees authorised by the Data Controller will have access to your personal data;
7. Providing personal data by you is voluntary, but failure to provide them precludes participation in the recruitment process;
8. You have the right to access the contents of your personal data and you have the right to rectify them, erase them and restrict their processing;
9. You can submit a complaint to the Inspector General for the Protection of Personal Data if you find that their processing violates provisions of the General Data Protection Regulation.

### Consent for processing:

I grant my consent for processing of my personal data by the Institute of Physics of the Polish Academy of Sciences in order to ensure conditions of full participation in the process of recruitment for studies. I provide the personal data voluntarily and declare that they are true. I have familiarised myself with the content of the information clause, including the information about the purpose and methods of processing of personal data and right to access the content of my data and the right to rectify them.

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Date, candidate's signature

