

JOB OFFER

Position in the project:	Technical staff member – physicist, R&D employee
Scientific discipline:	Physics, Sub Research Field: Condensed matter physics
Job type (employment contract/stipend):	Contract, Temporary, 1 year, with possibility of prolongation, half-time
Number of job offers:	1
Remuneration/stipend amount/month (“X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN”):	5 600 PLN gross per month (1 170 € per month), net salary is about 4 050 PLN
Position starts on:	To be arranged with a candidate
Maximum period of contract/stipend agreement:	Contract till 31st December 2023
Institution:	Institute of Physics, PAS, Division ON-6: International Centre for Interfacing Magnetism and Superconductivity with Topological Matter – MagTop
Project leader:	Prof. Tomasz Dietl, Prof. Tomasz Wojtowicz
Project title:	International Research Agenda: International Centre for Interfacing Magnetism and Superconductivity with Topological Matter
Project description:	<p>The International Centre for Interfacing Magnetism and Superconductivity with Topological Matter – MagTop 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/). The Team Leaders are selected <i>via</i> international competitions under the supervision International Scientific Committee chaired by Prof. Laurens W. Molenkamp. 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.</p>
Key responsibilities include:	The employee will be carried out theoretical studies of many body phenomena in topological materials aiming at determining effects accounting for topological protection breaking in the regime of the quantum spin Hall effect. Work will be performer in one of MagTop’s theoretical teams ON-6.

Profile of candidates/requirements:	<p>First Stage Researcher (R1)</p> <ol style="list-style-type: none"> 1. Master degree in physics or related disciplines 2. At least 2 years of research experience in the area of transport and ARPES studies 3. Knowledge of the technique of measurements at low and very low temperatures (mK), knowledge of programs that enable the analysis of APRES spectra 4. Ability to work in a team as well as independently 5. Fluent spoken and written English
Required documents:	<ul style="list-style-type: none"> • Detailed CV (up to 3 pages) • List of publications if applicable • Cover/motivation letter, please mention earliest possible starting date (1 page) • Copies of documents proving education
We offer:	Visit: International Research Centre MagTop
Please submit the following documents to:	All materials should be submitted in electronic form to 2 addresses: rekrutacja@ifpan.edu.pl with Job ID (#JOB58/2022) in the subject and: open_positions@MagTop.ifpan.edu.pl
Application deadline:	January 15, 2023, later applications may be considered
For more details about the position please visit (website/webpage address):	International Research Centre MagTop
Euraxess job/stipend offer (in case of PhD and postdoc positions):	https://www.euraxess.pl/jobs/49009

Please include in your offer:

“I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”