



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB55/2018

Job Description

Job Title: Doctor with Advanced Research and Development Experience

Job Summary:

Conducting research of topological matter, especially transport measurements at very low temperatures (mK range) in one of MagTop's experimental teams, see:

<http://www.magtop.ifpan.edu.pl/>, EURAXESS: Recognized Researcher – R2.

Job Description:

Conducting experimental research in one of MagTop's teams

(<http://www.ifpan.edu.pl/sdvs/en/on6.html>) Teams. 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](#) is the Division (ON-6) of the Institute of Physics, Polish Academy of Sciences

(http://www.ifpan.edu.pl/index_en.php) and is funded by a grant awarded to Professors

Tomasz Dietl and Tomasz Wojtowicz within the International Research Agendas

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: Ph.D. in experimental condensed matter physics or related disciplines, experience in experimental studies of topological matter, especially in transport measurements down to mK temperatures, reflected in the publications.

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

Type of Contract: Contract for 2 years with a possibility of prolongation

Status: Half-time

Salary: 6000 PLN gross per month (1400 € 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@MagTop.ifpan.edu.pl)

Application details

Application deadline: December 10, 2018

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

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