



Institute of Physics of the Polish Academy of Sciences

Job ID: #JOB 27/2024



OPEN POSITION – TEAM LEADER (R3/R4)

International Centre for Interfacing Magnetism and Superconductivity with Topological Matter MagTop at the Institute of Physics, Polish Academy of Sciences

Qualifications:

- Ph.D. in physics (preferred), materials science or related disciplines
- At least four years' experience as a postdoc researcher in **experimental physics** with a proven ability for outstanding research and research leadership that are reflected in applicant's publications
- Proficiency in spoken and written English; good communication and writing skills (knowledge of Polish is not required)
- Fulfillment of recruitment and evaluation criteria for Research Team Leader from the project documentation used to evaluate candidates for Research Team Leaders. **(Attachment no. 1).**

Job details:

Job Title: Group Leader, Institute Professor

Employer [Institute of Physics, Polish Academy of Sciences](#) within the [International Research Centre MagTop](#) project;

Location: Warsaw, Poland (aleja Lotników 32/46, PL-02668 Warszawa)

Job type: Research group leader of one of MagTop's groups at the Institute Professor position (see, [International Research Centre MagTop](#)), EURAXESS: Established or Leading Researcher – R3 or R4

Job hours: Full-time

Teaching: Not compulsory, possible at International PhD Studies (Graduate School) and during outreach activities; supervision of PhD and MSc students

Employment type: Contract till 31 May 2029 with a possibility of prolongation

Salary: from 18 800 PLN to 20 300 PLN per month (4 300 – 4 760 € per month), less than 30% in employee taxes and social security contributions

Inquiries: sent to the address open_positions@MagTop.ifpan.edu.pl

Application documents and deadline:

- Detailed CV (please fill **Group_Leader_cv.doc** attached to the announcement **(Attachment no. 2)**, the version in docx format available at the link <https://magtop.ifpan.edu.pl/job-opportunities/open-positions/>),
- An extended CV containing additional relevant information not included in the above form (maximum 3 pages),

- Full list of publications,
- A copy of PhD diploma,
- Cover/motivation letter, please mention earliest possible starting date (1 page),
- Contact details to three references,
- A statement by the candidate of consent to the processing of personal data for the purposes of recruitment (as below).
- Please submit all documents quoting Job ID by **15 September 2024 simultaneously** to: rekrutacja@ifpan.edu.pl, open_positions@MagTop.ifpan.edu.pl , and to MagTop's International Scientific Committee Hartmut.Buhmann@physik.uni-wuerzburg.de

The winning candidate will be employed as a group leader and Institute Professor at the [International Centre for Interfacing Magnetism and Superconductivity with Topological Matter - MagTop](#) at the [Institute of Physics of the Polish Academy of Sciences \(IFPAN\)](#). The Centre and the group leader position are supported by the MagTop project (FENG.02.01-IP.05-0028/23) implemented as part of the MAB FENG action of the Foundation for Polish Science co-financed by the European Union from the 2nd Priority funds of the Programme European Funds for Smart Economy 2021-2027 (FENG). In addition to the group leader, the group will consist of at least three young researchers financed by the MagTop project and employed with the group leader participation.

Research will concern experimental studies of topological semiconductors and/or semimetals with a special emphasize of functionalization of topological surface states for Schottky barriers and catalysis. However, studies of other topics proposed by the candidate are welcome. Extensive international collaboration and with other MagTop groups is expected. Please consult MagTop web pages and for a wide range of growth and experimental facilities already available at MagTop and IFPAN. Applications for supporting purchasing additional experimental set ups are possible.



Republic
of Poland

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Polish Science

INTERNATIONAL RESEARCH AGENDAS

Criteria for the Project Selection

under

European Funds for a Smart Economy Programme 2021-2027

Priority 2: Innovation-Friendly Environment

Measure: 2.1 International Research Agendas

Ranking criteria:

- 1. Research Group Leaders (excluding the designated Head Researcher of the Project) are competent to conduct research for the Project**

We review information on the track record and experience of each of the identified Principal Investigators separately. In the second stage of the evaluation, we evaluate the competence of the Head Researcher of the Project to implement the project under ranking criterion 1.

We will primarily evaluate the competence and experience of the persons nominated as Research Group Leaders, in particular on the basis of the originality of their scientific outputs and implementation achievements, and their potential or experience to lead world-class research groups:

1. the value and originality of up to 3 of the applicant's scientific achievements (obtained in the last 10 years) in the field in which the research is to be carried out in the project in comparison with achievements in this field in the best scientific centres in the world,
2. the candidate's's experience in leading a research group or their leadership potential,
3. the candidate's's experience in the implementation of grant projects (as a Project Leader or Researcher),

Attachment no. 1

4. the candidate's experience in commercialisation of research results and co-operation with the economy.
5. the candidate's participation in the implementation of the diploma thesis as a supervisor or assistant supervisor of the dissertation.

RULES FOR SCORING:

Each of the identified Research Group Leader's is scored individually on a 0 - 5-point scale, taking into account all the aspects indicated above.

Points shall mean:

- 5 - excellent leader's achievements and experience;
- 4 - very good leader's achievements and experience;
- 3 - insufficient leader's achievements and experience;
- 0 - 2 insufficient leader's achievements and experience.

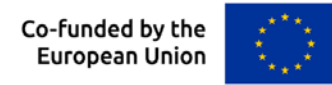
If any of the Group Leaders is individually scored 2 points or less the whole criterion is scored 0 points.

The arithmetic average of the individual Leaders' scores will then be calculated. This average will represent the total score under this criterion.

Points shall mean:

- 5 - criterion met at an excellent level;
- 4 or above - criterion met at the very good level;
- 3 or above - criterion met sufficiently;
- 0 - below 3 - criterion not met.

The threshold score required for the project to pass is no less than 3 points.



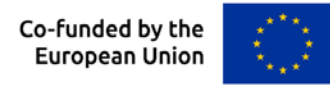
Group Leader		
Head Researcher's name		
Current institution/ organisation		
<p>Employment and professional experience</p> <p>Please provide details of your employment history. It should highlight your main achievements and responsibilities, with reference to your IRAP application.</p>		
Date (month/ year)		Name of organisations, job titles and positions held
from	to	
<p>Education and Qualifications</p> <p>Please provide details of your education history. It should highlight your main qualifications, with reference to your IRAP application.</p>		



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Date (month/ year)		Name of university/ college attended	Subject
from	to		
<p>1. Personal and Career Information (up to 300 words)</p> <p>Please summarize your past experience to date, addressing aspects such as e.g. key qualifications; positions held (e.g. leading research group); serving on prestigious advisory boards relevant to serving as an IRAP group leader. How could this experience benefit your ability to lead a group at the centre of excellence?</p>			
<p>2. Scientific Achievements</p> <p>Please provide:</p>			



- a. List of up to 3 most important scientific achievements (last 10 years) in the field compared to the achievements in this field in the world's top research centres. Please consider publications, implementations or patents; awards or prizes.
- b. List of key funded projects granted in the years 2013-2023 (including FNP grants – if relevant).

a. List of three key achievements in the period 2013-2023

No.	Type (publication/ patent/ other – please specify)	Year	Title	Full author list	Source (e.g. journal title and edition/ publisher's name etc.)
1					
2					
3					

*Please provide description of unique features of the abovementioned achievements and their impact on the development of a scientific field or a market.
(up to 300 words)*



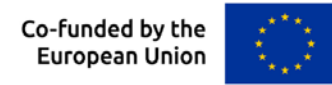
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b. List of key funded projects granted in the years 2013-2023 (including FNP grants – if relevant)

No.	Title of the project	Allocated funds	Organization granting funds	Duration of the project (YYYY/MM – YYYY/MM)	The role of the applicant
1					
2					
3					
4					
5					

*Please provide description of the key results of the abovementioned projects granted and their impact on the development of a scientific field or a market.
(up to 300 words)*



3. Leadership, mentoring and project management skills and experience (up to 300 words)

Please describe how you have demonstrated leadership skills during your career to date, addressing aspects such as project management; successes in mentoring of young scientists (e.g. participation in the completion of dissertations as a supervisor or assistant supervisor of doctoral theses) and support of synergy and effective collaboration in research teams.

4. Science-industry cooperation and commercialisation (up to 300 words)

Please describe your experience in science-industry cooperation and successes in commercialisation.

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 Institute Professor, Group leader
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 Institute Professor, Group leader.

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