



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB 54/2023

Job Description

Job Title: Professor, group leader

Job Summary: The Professor will be the leader of the Molecular Beam Epitaxy Group ON6.2/MagTop and head of the MBE Laboratory. Researchers from the MBE Group at MagTop are focusing on developing MBE growth technologies for various types of epilayers and nanostructures with topological characteristics. Continuation and development of ON6/MagTop activity described in [its agenda](#).

Job Description: 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](#) and is aimed to be the unit that will continue the activity of the MagTop center 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](#). Researchers in the Group will focus on growth of epilayers and nanostructures with topological characteristics, composed of both II-VI (e.g. based on CdTe and HgTe), IV-VI semiconductors (such as. e.g. topological crystalline insulators based on SnTe and SnSe) and elemental α -Sn. Particular emphasis will be placed on in situ and ex situ interfacing of topological materials with ferromagnetism and superconductivity, via doping and deposition of overlayers.

Main research field: Physics

Sub Research Field: Condensed Matter Physics

Profile of candidates for the position:

1. Scientific title of professor in physics or material sciences
2. Relevant scientific experience in the area of the growth of materials using MBE method and in experimental studies of topological matter, documented by publications
3. MBE lab management experience
4. Experience in building, developing and managing an MBE lab
5. Experience in leading an MBE research group
6. Experience in acquiring and leading research projects
7. Formal possibility to supervise PhD thesis
8. Fluent spoken and written English

Career Stage: Experienced researcher

Research Profile ([details](#)): Leading Researcher (R4)

Type of Contract: employment for an indefinite period, starting on January 1st, 2024

Status: Half-time

Salary: up to 3 650 PLN gross basic salary per month for half-time employment

Contact

All queries should be sent to Prof. Tomasz Dietl: dietl@magtop.ifpan.edu.pl. Please mention the Job ID in the subject.

Application details

Application deadline: November 20, 2023, later applications will be not considered

Required materials:

- Detailed CV (up to 3 pages)
- List of publications
- Motivation letter including the outline of a research plan for the nearest years.
- Proof of scientific title of professor
- Contact data (e-mail address) to at least two potential referees
- A statement by the candidate of consent to the processing of personal data for the purposes of recruitment

All materials should be submitted in electronic form to the address: rekrutacja@ifpan.edu.pl with the Job ID in the subject

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 jodo@ifpan.edu.pl
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of 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 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 of this job advertisement.