



Institute of Physics of the Polish Academy of Sciences

OPEN POSITION



Job ID: #JOB 76/2023

Job Description

Job Title: Assistant professor (adjunct)

Job Summary: The researcher will work in the group which studies topological effects in condensed matter systems, particularly in superconductors, semiconductors, and magnetic materials with application to quantum information.

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](#). The research topics expected to be followed by the candidate will concern the influence of electron correlations and Mott's physics on topological materials, as well as the utilization of geometrical phases in quantum information theory. The candidate is expected to collaborate with experimental groups in ON.6 in order to improve the MBE growth procedures by application of the machine learning methods.

Main research field: Physics

Sub Research Field: Condensed Matter Physics

Profile of candidates for the position:

1. Habilitation degree in physics or related disciplines.
2. Experience in theoretical studies of topological effects in condensed matter systems in line with the description of the position documented by publications
3. Knowledge of adequate computing programs for numerical simulation (e. g. Mathematica and Python).
4. Ability to work in a team as well as independently
5. Fluent spoken and written English
6. Experience in lecturing on the level of doctoral school.
7. Knowledge of the Gaussian process method implementation will be an asset.

Research Profile ([details](#)): Established Researcher (R3)

Type of Contract: Temporary, 2 years, with possibility of prolongation

Status: Full time

Salary: 5 700 PLN basic salary gross per month

Contact

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

Application details

Application deadline: 10 December 2023, later applications will be not considered

Required materials:

- Detailed CV (up to 3 pages)
- Document confirming Habilitation degree
- List of publications
- Cover/motivation letter, please mention earliest possible starting date (1 page)
- 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 iodo@ifpan.edu.pl
3. Your personal data shall be processed for the purpose of carrying out the recruitment process for the position of adjunct.
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 assistant.

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.