



**Institute of Molecular Physics
Polish Academy of Sciences**
Mariana Smoluchowskiego 17, 60-179 Poznań, Poland
www.ifmpan.poznan.pl
tel. 61 8695 100, fax 61 8684 524

Director of Institute of Molecular Physics, Polish Academy of Sciences
announces recruitment for the assistant professor
at the Department of Thin Film (Z3)

Institution: Institute of Molecular Physics Polish Academy of Sciences (IMP PAS)

PL: Instytut Fizyki Molekularnej Polskiej Akademii Nauk (IFM PAN)

City: Poznań, Poland

Position: assistant professor

Scientific discipline: physical sciences or similar

Opening date: 26th August 2022

Application deadline: 12th September 2022, 15:00 CEST

Website: <http://www.ifmpan.poznan.pl>

Keywords: solid state physics, surface physics, condensed matter properties, physics of magnetism

I. Offer description:

- Conducting theoretical research related to the magnetic properties of layered systems, in particular with the use of available computational packages, e.g., OOMMF, MUMAX;
- Theoretical support of the experimental group in the description of the magnetization dynamics with the use of available numerical methods;
- Analysis of the results and participation in the preparation of publications.

II. Requirements for candidates:

1. Research career stage:

R2: Recognised Researcher (PhD holders or equivalent who are not yet fully independent).

More information on career stages: <https://www.more3.eu/indicator-tool/career-stages-r1-to-r4>.

2. Required education:

- in the discipline of physical sciences or similar;
- academic degree: doctor.

3. Required qualifications and skills:

- Knowledge of the computational methods in solid state physics, especially in physics of magnetism;
- experience in the theoretical study of magnetic thin film, in particular in the field of magnonics.
- documented scientific achievements (publications, talks, awards, etc.);
- good knowledge of programs available for research analysis (Microsoft Office, Origin, Mathematica, etc.).

20

4. Special requirements:

- experience in research carried out on large computing clusters

5. Knowledge of English: good, enabling communication with other team members.

6. Scientific experience required:

- in the discipline physical sciences or similar;

- on the topic of: solid-state physics, surface physics, condensed matter properties, magnetic layered systems.

7. Professional experience required: 1-4 years or more

III. Duration of the employment: to be determined individually based on the current regulations

IV. Type of contract: full-time job

V. Expected date of employment start: October 2022

VI. Employment type: employment contract

VII. Salary: in accordance with the current Law (approximate gross salary 4680,00 PLN brutto)

VIII. Number of positions offered: 1

IX. Job benefits: excellent working conditions, state-of-the-art technical facilities, international cooperation

X. Required documents:

1. Application;

2. Summary of professional accomplishments including scientific interest and important achievements (size not exceeding 3500 printing characters);

3. CV including information on education and the course of scientific careers, internships and scientific training, conference presentations and seminars, prizes and awards, participation in research projects, acquired funds, organizational achievements, etc.;

4. list of scientific publications;

5. a scan or photocopy of English certificate for non-native English speakers;

6. a scan or photocopy of the PhD degree;

7. consent to the processing of personal data for recruitment purposes (Appendix No. 1);

8. statement that if the contest is won, Institute of Molecular Physics Polish Academy of Sciences will be the primary place of work within the meaning of the Act of 20 July 2018 Law on Higher Education and Science (Journal of Laws of 2018, item 1668, as amended) - Appendix No. 2;

9. supervisor's opinion or other recommendations are optional.

Documents in other languages than Polish or English should be translated into Polish or English.

XI. Method of submitting offers:

Applications with the annotation "**Competition for an assistant professor - Z3 no. 06**" should be delivered to the Institute's address or sent to the e-mail address director@ifmpan.poznan.pl

Contact person:

Head of Department of Thin Films

dr hab. inż. Piotr Kuświk, prof. IFM PAN

e-mail: kuswik@ifmpan.poznan.pl

40

XII. Qualification criteria:

1. Scientific achievements in the field of theoretical research on a magnetic thin film, in particular in magnonics;
2. Knowledge of theoretical methods for magnetic materials, especially for magnetic thin films;
3. Experience in research carried out on computing clusters.

XIII. Qualification process:

1. Job application competition;
2. The best-ranked candidates may be invited to a hybrid interview (either on-site interview or videoconference).

Candidate ratings will be performed by the Competition Commission appointed by the Director. A candidate with a negative opinion may appeal against the results of the evaluation to the Director within 7 days from the date of receipt of the Competition Committee's opinion.

XIV. Expected date of the results announcement: 26th September 2022

XV. Additional information: IMP PAS does not provide accommodation.

DYREKTOR
Instytutu Fizyki Molekularnej
Polskiej Akademii Nauk

prof. dr hab. Zbigniew Trybula

DISCLAIMER:

According to art. 13 1 and 2 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (Journal of Laws UE L 119/1 of 4.5.2016), hereinafter referred to as RODO, we inform that:

1. The administrator of your personal data is the Institute of Molecular Physics Polish Academy of Sciences in Poznań, ul. Mariana Smoluchowskiego 17.
2. Your personal data will be processed for the duration of the recruitment process.
3. You have the right to request from the administrator access to personal data, the right to correct them, delete or limit processing, the right to object to the processing of personal data, as well as the right to transfer data.
4. You have the right to withdraw your consent at any time. The above does not affect the compliance with the law, which was made on the basis of your consent before it was withdrawn.
5. It is possible to lodge a complaint with the supervisory body - the President of the Office for Personal Data Protection.
6. Providing personal data is voluntary.
7. Your data will not be shared with entities other than entities authorized on the basis of applicable law.
8. The administrator will not transfer your personal data to recipients in third countries and international organizations.

Appendix 1**Consent for the processing of personal data for recruitment purposes**

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council 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 Regulation).

.....
Name

.....
Date and signature



DECLARATION

I declare that if I win the Contest the Institute of Molecular Physics of the Polish Academy of Sciences will become my primary place of work within the meaning of the Act of 20 July 2018, Law on Higher Education and Science (Journal of Laws of 2018, item 1668, as amended).

.....
Name

.....
Date and signature