



# Institute of Physics of the Polish Academy of Sciences

## Scholarship for a PhD Student



**Job ID: #JOB19/2021**

### Job Description

**Job Title: Master Degree student/PhD student in theoretical physics**

#### Job Summary:

Candidate will be responsible for numerical studies of a linear chain of weakly coupled quantum droplets.

#### Job Description:

The post is financed by the National Science Centre grant “Quantum Droplets” under contract no. UMO-2017/25/B/ST2/01943. The studies have theoretical character. The main goal is numerical determination of basic properties of the ground state as well as low energy excitations of a chain of coupled quantum droplets.

#### Job Requirements:

Diligence, intellectual curiosity, teamwork skills, responsibility and ethics in scientific work, reliability, creativity, analytical thinking, ability to work under the pressure of time, good knowledge of Quantum Mechanics, very good numerical and analytical skills, experience in programming. Knowledge of basic ideas of ultracold quantum gases is advantageous.

**Main research field:** Physics

**Sub Research Field:** Theory of quantum gases, Bose-Einstein condensation, Quantum Mechanics

**Career Stage** ([details](#)): Master of Sciences in physics or a student of Master Degree Study

**Research Profile** ([details](#)): First stage researcher (R1)

**Type of Contract:** Temporary 6 month

**Status:** Part-time (1/2-time)

**Salary:** 1,500 PLN per month (untaxed scholarship).

#### Contact

More information can be obtained from prof. Mariusz Gajda  
(e-mail: [gajda@ifpan.edu.pl](mailto:gajda@ifpan.edu.pl)), [http://info.ifpan.edu.pl/ON-5/quantum\\_gases/](http://info.ifpan.edu.pl/ON-5/quantum_gases/)

#### Application details

**Application deadline:** May 15, 2021. Later applications will be not considered.

#### Required materials:

- Curriculum Vitae
- Motivation Letter
- List of publications (if applicable)
- List of scientific achievements in particular research experience, participation in international scientific conferences and workshops
- Certificate that at the moment of application a candidate is a Master Degree student or a participant of a PhD study or a PhD student at Doctoral School in Poland.
- Written permission of the candidate's scientific supervisor together with his/her recommendation
- Consent to process your personal data

All materials should be submitted in electronic form to the address: [jobs@ifpan.edu.pl](mailto:jobs@ifpan.edu.pl) with Job ID in the subject.

### Information clause – scholarship competition

Pursuant to Article 13 paragraphs 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 (General Data Protection Regulation) Official Journal of the European Union, L 119, 4 May 2016, page 1, as amended, hereinafter referred to as “GDPR”, we hereby inform as follows:

1. The Institute of Physics of the Polish Academy of Sciences with its registered office in Warsaw, Al. Lotników 32/46, represented by its Director, is the Controller, i.e. an entity deciding about how your personal data will be used. You may contact the Controller using one of the contact forms available on the website: tel. (22) 116-2111, e-mail: [director@ifpan.edu.pl](mailto:director@ifpan.edu.pl)
2. The Director of the Institute of Physics of the Polish Academy of Sciences has appointed the Data Protection Officer (DPO), whom you may contact in matters relating to your personal data, by sending an email to the following address: [iodo@ifpan.edu.pl](mailto:iodo@ifpan.edu.pl)
3. Your personal data will be processed in connection with your participation in the scholarship competition and if you win the competition, in connection with receiving the scholarship – on the basis of your consent – Article 6 paragraph 1 item a GDPR.
4. Your personal data will be processed for a period of 6 months after the end of the scholarship competition and in the case of receiving the scholarship – for a period resulting from legal and tax regulations;
5. Your personal data will be made available to other entities that can finance and settle the scholarship granted and entities authorized under provisions of law. Your data will only be accessed by people authorized by the Controller;
6. Provision of your personal data is mandatory; in the event of failure to do so, you will not be able to participate in the scholarship competition;
7. You have the right to access your data, the right to rectify it and limit processing thereof;
8. You have the right to lodge a complaint to the President of the Office for Personal Data Protection, if you consider that the processing of your personal data violates provisions of the General Data Protection Regulation.

#### Consent to processing:

I hereby consent to the processing of my personal data contained in the application/request form by the Institute of Physics of the Polish Academy of Sciences to conduct the scholarship competition and in the case of being granted the scholarship, to pay and settle it. I provide my personal data voluntarily and I declare that it is accurate. I have read the content of the information clause.

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Date and signature