



Institute of Physics of the Polish Academy of Sciences

Scholarship for a PhD Student



Job ID: #JOB12/2019

Job Description

Job Title: Scholarship in theory of open quantum systems

Job Summary: The student will be involved in realization of the project devoted to theoretical research on using qubits as sensors of fluctuations in the environments in which these qubits are embedded.

The student's task will include development of analytical theory and performing numerical simulations while investigating open physical problems related to qubit-based environmental noise spectroscopy.

Job Description: Profile of a candidate for the position:

- a student of master's degree studies or graduate studies.
- good spoken and written English
- research experience in theoretical physics
- background in quantum information theory / quantum open system dynamics, and/or theory of stochastic processes will be a valuable asset

Main research field: Physics

Sub Research Field: Quantum mechanics

Career Stage: Early stage researcher or 0-4 yrs (Post-graduate)

Research Profile ([details](#)): First Stage Researcher (R1)

Type of Contract: Temporary for 10 months

Status: Full time

Salary: 3000 PLN per month (untaxed scholarship).

Contact

More information can be found at <http://info.ifpan.edu.pl/~lcyw/projects/theoretical-foundations-of-noise-spectroscopy-opus-x/> and obtained from dr hab. Łukasz Cywiński (e-mail: lcyw@ifpan.edu.pl).

Application details

Application deadline: April 30th 2019 Later applications may also be considered.

Required materials:

- Curriculum Vitae
- List of publications
- Consent to process your personal data
- Contact information for at least one scientist who could write a reference letter

All materials should be submitted in electronic form to the address: 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
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
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