



Institute of Physics of the Polish Academy of Sciences Scholarship for a PhD Student



Job ID: #JOB08/2017

Job Description

Job Title: PhD student in condensed matter physics / quantum open systems dynamics

Job Summary:

The student will be involved in realisation 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:

- good spoken and written English
- background in quantum information theory / quantum open system dynamics, and/or theory of stochastic processes (documented by publications and/or reference letters)

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 two years

Salary: 3000 PLN per month (untaxed scholarship).

Contact

More information can be obtained from
prof. Łukasz Cywiński (e-mail: lcyw@ifpan.edu.pl).

Application details

Application deadline: May 15, 2017 Later applications may also be considered.

Required materials:

- Curriculum Vitae
- List of publications

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