



Job ID: #JOB17/2018

Job Description

Job Title: scholarship

Job Summary:

Theoretical research on applications of ultra-cold atomic gases in the field of quantum metrology.

Job Description:

The student will be involved in realisation of the project "Entangled states for quantum metrology" devoted to theoretical research on applications of cold atomic gases in the field of modern metrology, e.g. for ultra-precise interferometric measurements.

The student's task will be numerical modeling of the dynamics of ultra-cold Bose gases.

Profile of the candidate:

- a student of Master's studies.

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: Part-time

Salary: 1100 PLN per month (untaxed scholarship).

Contact

More information can be obtained from dr hab. Emilia Witkowska (e-mail: ewitk@ifpan.edu.pl).

Application details

Application deadline: June 15, 2018. **Later applications may also be considered.**

Required materials:

- Curriculum Vitae
- Transcript of records

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