

PhD position at the Laser Centre of the University of Latvia in Nitrogen - vacancy centers in diamond crystals and/or alkali atom based quantum sensors

Job Information

Organisation/Company

University of Latvia, Laser Centre

Research Field

Physics

Researcher Profile

First Stage Researcher (R1)

Country

Latvia

Application Deadline

08 May 2023

Type of Contract

Temporary

Job Status

Full-time

Offer Starting Date

1 Sep 2023

Offer Description

The Latvian Quantum initiative (LQI) is a partnership between leading academic institutions in Latvia recognized for research excellence in specific domains of quantum technologies. The initiative has been granted dedicated funding for development of research potential in quantum technologies, leveraging synergies between participating labs.

Within this initiative, we are seeking to appoint PhD student who will work on development of alkali atom based quantum magnetic field sensors at the Laser Centre of the University of Latvia. This research will be done as a part of Latvian Quantum Initiative, Latvian Research Council and NATO Science for Peace and Security funded projects.

Requirements

Research Field

Physics

Education Level

Master Degree

Skills/Qualifications

Successful candidates must possess a first degree in Physics, must be motivated, hard working team players.

Application requirements -

Motivation letter to carry out research in the field of quantum sensors

Curriculum Vitae including list of relevant courses take during the physics studies.

Additional Information

Benefits

- Opportunity to study in the well tailored PhD Study program in Natural Sciences of the University of Latvia with plenty of opportunities along with PhD research to take free elective courses in the broad range of subjects starting from specific courses related to PhD research project and running to research ethics and entrepreneurship.
- Plenty of opportunities formally and informally to be part of PhD student community of the University of Latvia.
- Opportunity to carry out the PhD research project in the modern, well equipped laboratories of the Laser Centre of the University of Latvia.
- Opportunity to be part of friendly team with many young and strongly motivated researchers in the Laser Centre of the University of Latvia.
- Competitive salary *starting from* 2000 EUR/month and social benefits.

Work Location

Number of offers available

1

Company/Institute

University of Latvia, Laser Centre

Country

Latvia

State/Province

Riga

Postal Code

LV-1004

Street

Jelgavas iela 3

Where to apply

E-mail

quantumlatvia@lu.lv

Please include reference "PhD position – Laser Centre" in your application e-mail.