Vipavska cesta 13, 5000 Nova Gorica

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The University of Nova Gorica has a vacancy for the position of

Expert in the field of pump-probe spectroscopy (m/f)

The University of Nova Gorica is looking for a candidate to help to develop the implementation of time resolved experiments in the gas phase at the CITIUS light source. We offer the opportunity to work in a dynamic environment supported by state-of-the-art research equipment and with a strong involvement in international research contexts. The research will take place at the Laboratory of Quantum Optics and will focus on the use of ultra-short light pulses for exploring the ultra-fast electron dynamics in the gas phase. Activities are also carried out at the laboratory Elettra Sincrotrone Trieste (Italy), where LKO's group promotes and participates to several scientific projects, involving both the Elettra Synchrotron radiation facility and the free-electron laser (FEL) FERMI.
The collaborator will help with the installation and commissioning of the experimental chamber, currently in use at Elettra, equipped with a SES200 electron spectrometer. He/she will give assistance to external users and will also have the chance to develop her/his original research line, in the field of gas phase.

To be considered for the position, you should:

- have completed a Bologna first-cycle programme, a professional higher education programme or a pre-Bologna university programme,
- proven ability to operate a HHG source and have some experience with one or more spectroscopic techniques allowing to investigate the properties of condensed matter,
- be able to work independently, be flexible enough for group work, and work reliably and with the necessary mastery of detail,
- have knowledge of the English language to at least B1 level,
- have a knowledge of operating systems,
- have two years' work experience in an identical or similar post.

The **following must be attached to the application:**

- a curriculum vitae with a description of work experience to date,
- proof of education.

Employment is offered for 40 working hours per week over a fixed term of three months. The planned start date is immediately after completion of the selection procedure or by agreement.

We will accept applications in electronic form at the email address tea.stibilj.nemec@ung.si up to 15. 10. 2020. Applications should be sent as a single email attachment, in PDF format.

Contact information:

- for research work: prof. dr. Giovanni De Ninno, giovanni.de.ninno@ung.si
- for the application procedure: Tea Stibilj Nemec, tea.stibilj.nemec@ung.si