



Vipavska cesta 13, 5000 Nova Gorica

**The University of Nova Gorica is announcing a job opening for an
ASSISTANT (male/female)
in the field of ultra-fast characterization of complex magnetic materials**

We invite candidates interested in the position of assistant to work at the student-friendly and highly development-oriented University of Nova Gorica. The work will take place in a dynamic and interdisciplinary research environment, supported by state-of-the-art research equipment and strong integration into the international research community.

The research work will be conducted in the Laboratory for Quantum Optics and will focus on studying static and dynamic properties of ferromagnetic samples using the magneto-optical Kerr effect (MOKE). The experiments will utilize an extreme ultraviolet (XUV) light source based on high harmonic generation (HHG) of an infrared laser in gas. The wavelength of the XUV radiation will be tuned to the M absorption edge of various ferromagnetic elements, enabling time-resolved experiments on complex magnetic materials with elemental sensitivity.

From candidates, we expect:

- To have a university degree or equivalent (2nd cycle) in the field of physics,
- To possess knowledge and experience in experimental work in the field of physics,
- To have a good command of the English language.

The selected candidate will also take on teaching responsibilities in one or more study programs at the University of Nova Gorica, in accordance with the appointment.

The employment will be on a full-time basis, for a fixed term of 18 months. The anticipated start date is January 1, 2024, or as agreed upon.

Mandatory attachments:

- Curriculum vitae,
- Description of previous work experience,
- Scientific and professional bibliography.

Applications are accepted electronically at the email address careers@ung.si. The application should be submitted as a single attachment in PDF format within the email message.

The application deadline is November 26, 2023.

Contacts:

- For inquiries regarding research work: Prof. Dr. Giovanni De Ninno, giovanni.de.ninno@ung.si
- For inquiries regarding the application process: Tea Stibilj Nemeč, careers@ung.si.