

**DEPARTMENT OF PHYSICS  
LABORATORY OF ULTRAFAST SCIENCE**

**Title:** Post-Doctoral Researcher  
**No. of Positions:** One (1)  
**Category:** Two (2) year contract  
**Locations:** University of Cyprus, Nicosia

The *Laboratory of Ultrafast Science* (LUS) in the Department of Physics at the University of Cyprus invites applications for one (1) Post-Doctoral Researcher position for full-time employment based on a contract for 24 months. The position is available immediately and full-time employment corresponds to 140 hours per month.

#### **DUTIES AND RESPONSIBILITIES**

The successful candidate will conduct research in photonics and non-linear optics within the LUS, as part of a wider academic and industrial research network. The main research activities will concern the development of a spatial photonic Ising Machine for annealing combinatorial optimization problems. The researcher is also expected to participate in the dissemination activities via presentations and talks in conferences/workshops. Participation in research activities of the LUS including data acquisition. Data analysis and writing manuscripts for submitting to international journals. Help in the supervision of undergraduate and graduate students working in the laboratory. Help in maintaining the day to day operation of the Laboratory of Ultrafast Science.

More details about the Laboratory of Ultrafast Science can be found in the link <https://ultrafast.ucy.ac.cy/>.

#### **QUALIFICATIONS**

Applicants must be holders of a Ph.D. from a recognized University in Experimental Physics or related fields, that has been awarded prior to the starting date of the employment. Candidates must have experience in photonics, non-linear optics and/or ultrafast spectroscopy.

#### **EMPLOYMENT TERMS**

The position is on a 24-month contract basis. The gross annual salary ranges from €24,000 - €36,000 per annum commensurate with experience. The position does not include provision for 13<sup>th</sup> Salary bonus. Starting date is negotiable.

**No-Smoking policy.** The *Laboratory of Ultrafast Science* is located in a clean room environment with very expensive optical elements, thus it is absolutely necessary for the candidate not to be a smoker.

Interested candidates should submit the following items, in PDF format, via e-mail to both Prof. Andreas Othonos and Dr Kyriacos Georgiou, email: [othonos@ucy.ac.cy](mailto:othonos@ucy.ac.cy) and [georgiou.kyriacos@ucy.ac.cy](mailto:georgiou.kyriacos@ucy.ac.cy), by Friday February 24<sup>th</sup> 2023.

- Cover letter including the employment availability date.
- Curriculum Vitae in English.
- Copies of BSc/MSc/PhD degrees.
- The names and contact details of two referees.

For more details and other information, interested individuals may contact Prof. Andreas Othonos or Dr Kyriacos Georgiou by email.

**Short-listed candidates, that satisfy the required qualifications, will be invited for an interview.**

**The University of Cyprus shall collect and process your personal data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).**

The University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as the elimination of all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members will feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage and respect diversity and ensure dignity both in the workplace and society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, while it is committed to promoting and maintaining a working, teaching, and learning environment, free from any form of discrimination, whether direct or indirect.