Postdoctoral Fellowship in Computer Vision / Machine Learning / Robotics

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING, UNIVERSITY OF CYPRUS

Postdoctoral Fellowship (Special Scientist)

Are you an ambitious researcher looking to push the state of the art in robotic perception, computer vision, machine learning, or autonomous systems? Join the internationally recognised **Vision for Robotics Lab** (V4RL), led by **Prof. Dr. Margarita Chli**, and contribute to pioneering research in robotic perception and autonomy. We invite applications for a **1-year Postdoctoral Fellowship (renewable)** at the **University of Cyprus (UCY)**, available immediately and offering a highly competitive salary. The position provides an opportunity to pursue high-impact research within a **dynamic, research-intensive environment** and is supported by the prestigious **ERC Consolidator Grant "SkEyes"**, which investigates next-generation perception and autonomy for intelligent robotic systems. **V4RL operates across ETH Zurich and UCY**, offering exciting opportunities for international research collaboration. UCY is ranked among the **world's top 100 universities in Automation & Control** (ShanghaiRanking 2026). The successful candidate will be based at UCY, joining an international research team with strong links to ETH Zurich and other leading groups in robotics, computer vision and machine learning worldwide.

The lab

At V4RL we develop intelligent perception and autonomy for robots operating in challenging real-world environments, with a particular emphasis on robotic vision and autonomous aerial systems. The lab's highly cited research has delivered pioneering achievements, including the **first vision-based autonomous flight of a small helicopter** and the **first demonstration of collaborative monocular SLAM for small drones**. V4RL has earned international recognition through prestigious distinctions, including **Amazon Research Awards**, and media coverage by **Reuters and CNN**. The lab offers a vibrant, collaborative research environment, bringing together an international team of Master's, PhD and postdoctoral researchers. Our research has consistently attracted some of the most competitive funding worldwide and has strong industrial relevance, with direct collaborations including organisations such as **Huawei**, **Hilti**, and **Swiss Federal Railways (SBB)**. V4RL's Director, **Prof. Dr. Margarita Chli**, is regularly invited to speak at leading international venues, including **ICRA**, **BMVC**, **TEDx**, and **the World Economic Forum**.

Candidate Profile

- **PhD** (completed or nearing completion) in Electrical/Computer Engineering, Robotics, or a closely related field;
- Strong research background in at least one of Computer Vision, Machine Learning, or Robotics;
- **At least three first-author publications in internationally recognised peer-reviewed venues** in these fields;
- Strong analytical background and mathematical skills;
- Excellent programming and experimental/research implementation skills; and
- Proficiency in written and spoken English.

How to apply – Applicants should submit **a single PDF file** containing:

1. **Motivation & research-fit statement** (maximum 1 page, minimum 10 pt font): Explain your motivation and identify two of your previous research contributions that are most relevant to this position, briefly explaining their relevance to the advertised research areas.
2. **Curriculum Vitae (CV)**, including education and employment history.
3. Publication list, clearly marking your **three first-author publications**.
4. **Contact details of two referees** who can comment on your research abilities.

Applications will be evaluated on a rolling basis, and the position will be filled as soon as a suitable candidate is identified. Please submit your application **as soon as possible** via email to chlim@ethz.ch, using the subject line **"**SKEYES POSTDOC APPLICATION 2026". **Applications that do not follow the above instructions will not be considered.**

Employment Terms

Postdoc / Special Scientist positions are offered on a 12-month contract basis with the possibility for extension. The monthly gross salary for this postdoc level **ranges between to €2600 – €3800** depending on the qualifications and experience of the successful candidate. The University of Cyprus shall collect and process your data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).