

Two OPEN PhD student positions in Visual Optics at LOUM

Two PhD student positions are open at the "Laboratorio de Optica" at University of Murcia, Spain (<http://lo.um.es>) within the ACTIVA project, "Advanced Customized Technologies for Intact Vision in Ageing", funded by EC MSCA Doctoral Network (www.kth.se/activa). ACTIVA provides international training at the interface of physics, optics and medicine to develop novel techniques facilitating intact vision with age. The PhD students should have a background in applied physics, optical engineering, vision science, electrical engineering, or a related discipline relevant for the project.

There are two separate work packages where each fellow will join:

- "Using infrared pulsed light as a diagnosis tool"
- "Wearable opto-electronic devices for vision correction"

Required qualifications and experience:

- MSc degree in optics, physics, electrical engineering or related topic.
- Previous work experience in experimental and instrumental optics will be useful.
- Previous experience in optical design and modeling will be an asset.
- Spanish language is NOT required.

Benefits:

The EU provides 36 months of support with a highly competitive salary.

The candidate will have the opportunity to interact with other researcher in the "Laboratorio de Optica" and the MSCA Network as well as participate in international conferences.

We offer research training with workshops and secondments at European universities and companies. The European Commission requires that the candidates must not have a doctoral degree and must not have resided or carried out their main activity in Spain for more than 12 months during the 3 years immediately prior to the recruitment date. Candidates can be of any nationality.

Selection:

Doctoral candidates will be selected based on scientific qualification and experience, research interest, additional knowledge/skills, and their motivation to participate in an intersectoral research-training program.

Please send your CV, a 1-page cover letter, and the contact details of two academic referees to:

Prof. Pablo Artal (pablo@um.es)

Additional info:

<https://euraxess.ec.europa.eu/jobs/149726>