



## PRE-DOCTORAL CONTRACT OFFER

<https://tecnopto.edu.umh.es/>

 @TecnoptoUMH

The research group **TecnoptoUMH** at Universidad Miguel Hernández de Elche (Spain) offers a **Pre-Doctoral Contract** for the realization of a **PhD Thesis** within the **project CIGRIS/2023/043 of Generalitat Valenciana**.

We are looking for motivated candidates to perform a PhD Thesis in the field of structured light, with willingness to collaborate at international level. **Tasks to perform:** Developing optical systems and methods to control the polarization of light for applications in microfabrication, polarization imaging and optical communications. The activities will comprise experimental tasks at Tecnopto Lab involving spatial light modulators and other optical equipment, as well as theoretical analysis and computer simulations.

**Required conditions:** The candidate must hold a Degree in Physics, Engineering, Optics or similar **from a non-EU institution**. The degree title must have been **obtained after 1st January 2019**. **The degree must qualify to enter a PhD program**. Candidates must not hold a previous PhD.

**Contract Duration:** 4 years (renewable every year). **Annual gross salary** of 23,796.96 € , plus up to 1,600 euros to cover travel and location expenses. Social security and institutional benefits included. **Starting Date:** 1<sup>st</sup> November 2024 or 1<sup>st</sup> January 2025.

### Recommended experience:

- Background in optics or optoelectronics.
- Programming skills (Python, Matlab, Labview...)
- Fluent English written and spoken.
- Teamwork and communication skills.

### **Interested? Then contact before August 20th:**

Prof. María del Mar Sánchez López [mar.sanchez@umh.es](mailto:mar.sanchez@umh.es)

and provide:

**CV and Academic Certificate, motivation letter and the contact of a person who can provide a recommendation letter**