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## POSTDOCTORAL POSITION

The research group **TecnoptoUMH** at Universidad Miguel Hernández de Elche offers a **Postdoctoral position** within the **project PROMETEO/2017/154 of Generalitat Valenciana “Development of vector and polarimetric optical instrumentation”**.

**Project Tasks:** Our team has wide experience in the generation of polarization structured light beams by means of Spatial Light Modulators (SLMs) and geometrical phase elements. The Project aims at exploring the applications of vector beams in microfabrication, polarimetry and/or optical communications. Research will be mainly experimental at the photonics laboratory TecnoptoUMH, but also theoretical and numerical calculations will be necessary. Recent publications and info on our funded projects and international collaborations are available on our website.

**Contract Duration:** one year, renewable up to a second year.

**Starting Date:** January 2019.

### Job Requirements:

- PhD in Physics or Engineering.
- Experimental skills in optics (SLMs, beam shaping). Experience across disciplinary boundaries is welcome.
- Good theoretical understanding in optics. Knowledge of programming.
- Ability to carry out scientific work independently.
- Teamwork and communication skills.
- Excellent command of English.

### Interested? Then contact:

Dra. María del Mar Sánchez-López

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and provide the following information:

**Curriculum Vitae and motivation letter.**