



## POSTDOCTORAL POSITION in the “Technologies for Energy” laboratory

Our laboratory seeks a POSTDOCTORAL candidate to apply for a contract under:

“**Marie Skłodowska-Curie Postdoctoral Fellowship**” access to the call:

[Postdoctoral Fellowships - Marie Skłodowska-Curie Actions \(europa.eu\)](https://ec.europa.eu/europecollege/en/programmes/marie-sklodowska-curie-actions/postdoctoral-fellowships)

To study

“Sustainable  $\text{Sb}_2(\text{S,Se})_3$ -based thin-film solar cells”

Lab website: <https://ten.io.csic.es/>

The “Technologies for Energy” laboratory at the Instituto de Óptica “Daza de Valdés”-CSIC (IO-CSIC) is seeking talented and enthusiastic postdocs interested in the fabrication and characterization of inorganic earth-abundant materials-based photovoltaic solar cells for different indoor and outdoor applications.

### Duties

The successful candidate should show a high level of responsibility and independency, be able to collaborate with others in a team, and possess good English communication skills. It is desirable that applicants have a strong semiconductors background with experience in synthesis of thin films. Experience in fabrication and characterization of solar cells are highly advantageous. The project will involve in the growing and characterization of Sb-chalcogenide thin-films, electron and hole transport layers and the design of solar cells on different type of substrates for the different applications.

**Location:** Instituto de Óptica-CSIC, Madrid, Spain

**Candidates** should send **CV** including date of the thesis defence, title of the thesis, previous academic positions, academic title, current position and a complete list of publications.

**Deadline:** 28<sup>th</sup> August 2024 because MSC Call deadline: 11<sup>th</sup> September 2024.

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