

PhD Position at the Laboratory of Nanostructured Materials for Photovoltaic Energy

We are looking for a PhD student to work towards a PhD Thesis on projects related to the synthesis of new Nanostructured Materials and their application in Solar Cells (Dye sensitized and Hybrid Solar Cells). The position is open for the Laboratory of Nanostructured Materials for Photovoltaic Energy under Dr. Monica Lira-Cantu direction.

The research will be focused on the preparation and characterization of new nanostructured materials, based on inorganic oxides and organic semiconductors. These nanomaterials will be use as the active layers in Hybrid Solar Cells. The work encompasses all the process involving photovoltaic devices: synthesis and characterization of nanomaterials, fabrication and characterization of nanostructured electrodes and fabrication and testing of complete solar cells.

- **Requirements:** the candidates must have a University Degree in Chemistry, Materials Science, Engineering or related, enabling them to enroll into a Master Program at a Spanish University.

- **Candidates should email the following:**

- 1) A full, updated CV
- 2) A 'student record' from the University, including marks
- 3) Two letters of reference (recommended for candidates from Spain, but mandatory for candidates from abroad).

Submit information to:

Dr. Monica Lira-Cantu

Laboratory of Nanostructured Materials for Photovoltaic Energy

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