

Fully funded PhD Position (3-4 year) in the area of Solid-State Microstructure of Semiconducting Polymers for Organic Photovoltaics



Job Description

The **JaimeMartin Lab** (www.jaimemartinlab.com) at CITENI, University of La Coruña (Ferrol, Spain), is seeking **a predoctoral researcher** who is interested in semiconducting polymers.

The candidate will be working on the recently awarded **ERC-CoG project PARACRYST**

The candidate is anticipated to investigate on structural aspects of high-performing semiconducting polymers for organic solar cells. Main experimental methods he/she will be using are: ultrafast scanning calorimetry (Flash DSC), various synchrotron radiation techniques (GIWAXS, GISAXS, R-SoXS, etc.) light spectroscopies, AFM, TEM, etc.

Travelling is a must! The candidate will conduct an internationally oriented, highly collaborative research project.

3-4 year contract is offered. Starting date: first half year 2024

Elegibility

Applicants must have a BSc and MSc in Physics, Chemistry or Materials Science/Engineering and some general knowledge about polymer materials. Good command of written and spoken English is a must. A strong work ethic is also a must

Experience in polymer physics and/or Knowledge on MATLAB/Python programming is a plus.

Applications

Applications should be submitted by email to Dr. Jaime Martin (jaimemartin@udc.es) and must include:

- (i) curriculum vitae highlighting the suitability of the candidate for the post
- (ii) 1 recommendation letter.

For further information or queries, please contact jaimemartin@udc.es