

# OPEN Ph.D. POSITION

Our group *Devices, Investigation, Application in Nanoscience* (GI DIANA) at the University of Murcia has **an open predoctoral research positions (FPI)** in the area of Condensed Matter Physics. We are seeking highly motivated candidates with a master's degree in Physics or related areas.

NANO Y MESO ESCALAS: MODELIZADO, ESTRUCTURA Y CARACTERIZACION

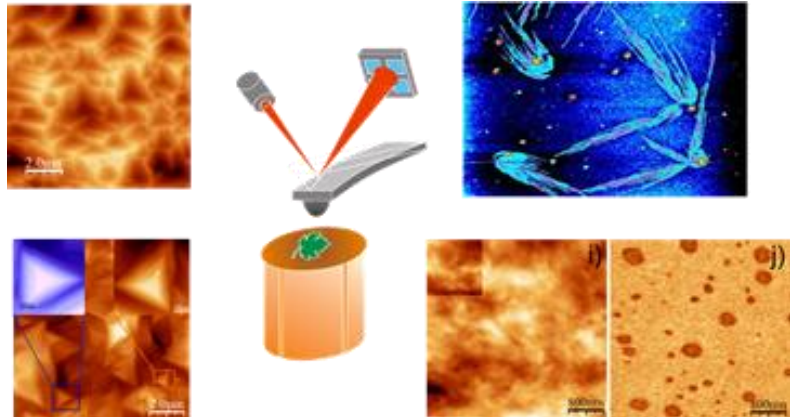
(PID2019-104272RB-C52) DEADLINE: **October 26th 2020**

The research will focus on the characterization at the nanoscale of 2D opto-electronic materials processed from inks. For this, techniques related to force microscopy (AFM) will be used. Special emphasis will be placed on the characterization of electrostatic and electro-optical properties. The experiments will be complemented with advanced processing and theoretical modeling of the data, allowing to discern between the different processes that take place at the nanoscale, and in this way understand the properties of materials both from a

fundamental point of view and in the various devices in which they are implemented.

We are looking for motivated students with an interest in both experimental and theoretical research. An

advanced level of English and previous knowledge in techniques related to AFM, advanced simulation and Surface Physics will be valued. We are looking for motivated students with an interest in both experimental and theoretical research. An advanced level of English and previous knowledge in techniques related to AFM, advanced simulation and Surface Physics will be valued.



To apply please send your complete CV and a cover letter to [elisapl@um.es](mailto:elisapl@um.es), [asg@um.es](mailto:asg@um.es) or [colchero@um.es](mailto:colchero@um.es)

Remember: The deadline for application for PID2019-104272RB-C52 is **October 26th**.

Applications from highly motivated candidates are encouraged at any time.