

PhD position

A 4 years PhD position (FPI) is available at the Optoelectronics and Printed Electronics (OPE) research group lead by Prof. Blas Garrido and Prof. Albert Cirera. OPE is at the Department of Electronic and Biomedical Engineering of the University of Barcelona in Spain.

The selected candidate will work in a team of a national project called "*Printed optoelectronics based on metal oxides and perovskites (PRITES)*", ID *PID2019-105658RB-I00*. Additionally he or she will work in close relation with an *European FET project (Drop-it, <https://www.drop-it.eu/>)*

The candidate will be in charge of printing transport materials and active perovskite layers, based on nanocrystalline suspensions and precursors, for fabricating electronic and optoelectronic devices. Different substrates will be considered, including Si, SiO₂, glass and flexible ones. Optical and electrical characterization of materials and devices will be performed to finally fabricate high performance solar cells and LEDs based on lead free perovskites.

The candidates should apply to

http://www.ciencia.gob.es/portal/site/MICINN_predoc2020 and select the project ID *PID2019-105658RB-I00*

To get more information, you can contact

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