

ARE YOU INTERESTED IN DOING A  
**PHD THESIS IN GREEN ENERGY WITH  
GRAPHENE DEVICES**

**GRAPHENE TEAM, GROUP OF SEMICONDUCTOR DEVICES**  
**INSTITUTO DE SISTEMAS OPTOELECTRÓNICOS Y MICROTECNOLOGÍA**  
**UNIVERSIDAD POLITÉCNICA DE MADRID**

**OBJECTIVE: World-class research and innovation using graphene nanostructures and devices for Renewable Energy.**

**WHO WE ARE:**

Our team belongs to the Instituto de Sistemas Optoelectrónicos y Microtecnología of Universidad Politécnica de Madrid (ISOM-UPM), [www.isomgraphene.es](http://www.isomgraphene.es) and is composed by researchers from the Dep. of Electronic Engineering (ETSI Telecomunicación) and Materials Science (ETSI Caminos).

We have international collaborations, and promote mobility of our PhD students. All the previous Ph. D students made a research stage at **M.I.T.** (USA).



**WHAT WE OFFER:**

Brilliant graduate students are invited for a Predoctoral position in the above topics under the frame of the UPM Predoc Grants. If successful,

- You will incorporate to the Graphene Team and do a PhD thesis in your chosen field
- You will participate in other training and research activities of the group
- You will spend a 3 month stay in a well-renowned international center

**WHAT WE NEED**

- Candidates should have a Graduate Degree in Engineering or Physics, with outstanding qualifications (average >7.9), as well as a Master Degree.
- B2 English level, research practices, creativity, teamwork and communication skills
- Applicants should send a letter of interest and a CV to: [javier.martinez@upm.es](mailto:javier.martinez@upm.es) by April 15, 2019