

## Nanotechnology Group

# POSTDOCT RESEARCH CONTRACT IN NANOTECHNOLOGY

Project Ref: SA045U16

NEW TECHNOLOGIES BASED ON GRAPHENE AND SEMICONDUCTOR NANOSTRUCTURES

### Eligibility criteria

Eligibility is determined using the information provided in <http://campus.usal.es/~agencia/>. Please contact Dr. Enrique Diez ([enrisa@usal.es](mailto:enrisa@usal.es)), Dr. Mercedes Velazquez ([mvsal@usal.es](mailto:mvsal@usal.es)) or Dr. Yahya Meziani ([meziani@usal.es](mailto:meziani@usal.es)) for further details.

1. Application must be received before the deadline **August 18<sup>th</sup> 2016**.
2. The applicant should hold a PhD or will obtain it by July 21<sup>st</sup> 2016.
3. The applicant should, preferably, not obtained his or her PhD in Salamanca University (USAL), otherwise the candidate must justify a work in research in a non-Spanish institution for a period longer than 24 months after obtaining his/her PhD in the USAL.
4. Although it is not mandatory, experience in Nanotechnology research on graphene and semiconductor nanostructures in a clean-room environment, will be valued. In particular some experience in some of these techniques: Micro Raman spectroscopy, colloids, chemical graphene, semiconductor nanostructures, thin films, graphene, RIE/ICP etching, and semiconductor nanostructures will be appreciated.

### Duration

Duration of the contract is 21 months. Starting in October 1<sup>st</sup>, 2016 and ending in June 30<sup>th</sup>, 2018.

### Economic conditions and Training

The Postdoc researcher will receive a **gross salary/month of 2.530 €**.

In addition, selected candidates will receive funds from the Project SA045U16 to develop his/her own research tasks including travel allowance for assist meetings and conferences. Furthermore, candidates will have access to a wide offer of training activities in nanotechnologies, semiconductor characterization and low-temperatures technologies such as seminars, specific training sessions, etc. They will be provided with the required conditions to develop their research projects with autonomy and within a stimulating environment.

The Nanotechnology group (<http://nanotech.usal.es/>) will provide all his facilities and experience that could be used by the Postdoc researcher in the same conditions than the permanent staff.