



# University of Salamanca Action to Foster Research Excellence USAL4EXCELLENCE and NANOTECHNOLOGY GROUP

<https://usal4excellence.usal.es/>

## About us

NanoTECH is a multidisciplinary group made up of researchers from different departments of the University of Salamanca. Our current work has a major emphasis on developing novel low-dimensional systems for fundamental physics. We employ several experimental methodologies (i.e. low-temperature magnetotransport, photocurrent spectroscopy, THz emission and detection) with a common stem in clean-room-based work and two-dimensional materials. We are looking for scientist with good background in 2D materials, semiconductor physics and optics that can integrate and strengthen the level of our group. Candidates with interest in twisted layers of 2D materials are particularly welcomed.

## Salary & benefits

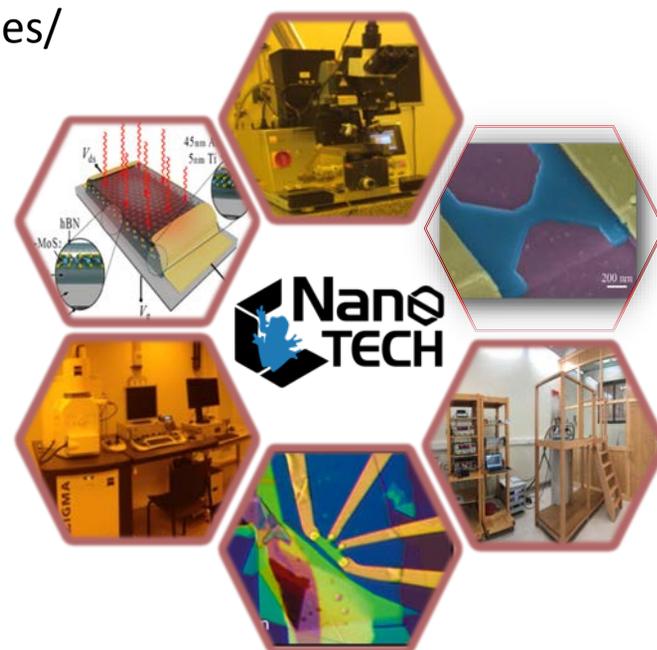
The position is tenable for 30 months in a tenure-track process. Each fellowship includes funds for travel, reasonable research expenses as well as competitive salary. The total cost of a fellowship is **4.855 €/month** and the net salary of the ER will be around 3.500 €/month. The net salary results from deducting all compulsory (employer/employee), Healthcare contributions as well as direct taxes (e.g., income tax) from the gross amounts. Further details can be consulted in:

<https://usal4excellence.usal.es/fellowship-conditions/>

At the end of the fellowship the University of Salamanca will **promote candidates to associate professors** upon completion of most of the project goals.

## Eligibility

Applications are invited from highly qualified young scientists with proven track record. Candidates must have a PhD degree in physics, semiconductors physics, material science and related fields. Candidates should have a strong background working with 2D-like materials. Candidates should be proficient in spoken and written English and must have a hands-on personality, with experience in design and assembly of experimental setups.



## How to Apply

Interested candidates should contact the following investigators for administrative guidance and interview:

 Mario Amado & Enrique Diez

 [mario.amado@usal.es](mailto:mario.amado@usal.es)  
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The deadline for applications is February 15th 2022 but it submission requires working heavily on the project to be presented. Should you be interested in the position, please do contact us as soon as possible.

**Deadline : February 15<sup>th</sup>, 2022**

<http://nanotech.usal.es>

**Nanotechnology group, Salamanca University**

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