

Nanotechnology Group

POSTDOCTORAL RESEARCH FELLOWSHIP

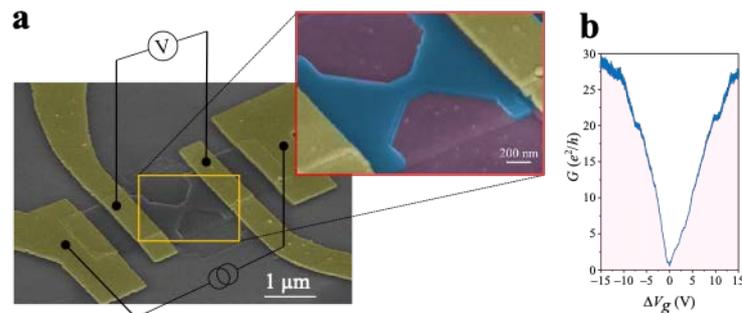
New technologies based on 2-dimensional materials and topological insulators

Nanotechnology group in the Department of Physics of the University of Salamanca (USAL) is seeking applicants for a post-doctoral research fellowship. Our current work has a major emphasis on developing novel routes towards fully 2-dimensional-based systems on applied condensed matter. We employ several experimental methodologies (i.e. low-temperature magnetotransport, THz emission and detection and non-linear optics) with a common stem in clean-room-based work and (quasi) two-dimensional materials.

The ideal candidate will have excellent technical skills in condensed-matter-related experimental work with experience in the usage of a clean room facility. The candidate should be proficient in spoken and written English and must have a hands-on personality with experience in design and assembly of experimental set ups.

The applicants should, preferably, have not obtained their PhD in Salamanca University (USAL), otherwise the candidates must justify a work in research in a non-Spanish institution for a period exceeding 24 months after the obtention of their PhD.

Please contact Dr. Enrique Diez (enrisa@usal.es) for further details.



We offer

The possibility to obtain a full-time post-doctoral position (1+1 year) with a gross salary of ca. 2530 € pcm.

In addition, selected candidates will receive internal funds to develop their own research tasks including travel allowance for meetings and conferences. Furthermore, candidates will have access to a wide offer of training activities in nanotechnology, 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 the facilities and experience that will be used by the Postdoc researcher in the same conditions than any of the members of the permanent staff.