

Offer for PhD thesis position

Technology for Semiconductor-Based Quantum Computing

The [Institute of Microelectronics of Barcelona \(IMB-CNM, CSIC\)](#), the [Materials Science Institute of Madrid \(ICMM, CSIC\)](#) and the [Valladolid University](#) are conducting a project for the development of semiconductor based Technology platforms for future quantum computing.

We look for an enthusiastic PhD candidate interested in exploring the limits of fabrication and characterization to join the project and contribute to make quantum computing a reality. The PhD candidate must have finished a master degree in the areas of Physics, Nanoscience/Nanotechnology or Electronics Engineering.

We offer a PhD contract for the full duration of the thesis. Starting date for the project will be agreed with the candidate. The PhD will be based on using state-of-the-art facilities for nanofabrication and materials characterization, in an international environment collaborating with European top research centers.

Interested candidates are urged to send their CV and a letter of interest to Francesc.Perez@csic.es. The position will be open until a suitable candidate will be found.



[Clean room of Micro and Nanofabrication at IMB-CNM](#)