

PREDOCTORAL RESEARCH POSITION IN THE QBCSM GROUP

Materials Physics Center (Donostia / San Sebastián)

The **Quantum Beams & Computation for Sustainable Materials Group** at the Materials Physics Center is offering a four-year predoctoral position, to work with Prof. Felix Fernandez-Alonso and collaborators in Donostia and elsewhere. This position is an integral part of project ***Towards Tunable Nanoporous Assemblies – Emerging Opportunities for Carbon-based Molecular Materials***, funded by MICIU/AEI /10.13039/501100011033 and FSE+ via grant awards PID2023-146442NB-I00 and PREP2023-000253. The selected candidate will be hired by the Research Association MPC – Materials Physics Center. The post is available effective immediately, with a salary (before taxes) of 17.398,20 euro during the first year. The fellowship also includes allowances to cover tuition fees and travel.

This position represents an excellent opportunity to join a diverse and multidisciplinary group of 10+ researchers at the Materials Physics Center. The primary focus of the project is to deploy and develop state-of-the-art radiation-scattering techniques (neutron, X-rays) alongside computational materials modelling to explore the properties of an emerging class of carbon-based materials exhibiting so-called “extrinsic porosity,” with a view to novel applications in gas sequestration and energy storage. These research efforts involve close ties with leading international facilities for condensed matter research, where the bulk of the experimental work will be performed.

Candidates with an MSc degree (or equivalent) in Chemistry, Physics, Materials Science or related discipline are encouraged to apply. Experience in radiation-scattering techniques and/or computational materials modelling would be an asset.

Applications need to be sent by email to jobs.cfm@ehu.eus by **12 January 2025** with the subject label “**Predoc CFM-TUNA.**” The following information is required:

- 1- A one-page presentation letter describing research interests and motivation.
- 2- A Curriculum Vitae detailing track record to date and contact details of two referees.

General enquiries or questions about this position should be submitted by email to jobs.cfm@ehu.eus with the subject label “**Predoc CFM-TUNA.**”