

## PREDOCTORAL RESEARCH POSITION IN THE QUANTUM BEAMS & SUSTAINABLE MATERIALS GROUP

### Materials Physics Center (Donostia / San Sebastián)

The **Quantum Beams & Sustainable Materials Group** at CFM is offering a predoctoral (1+1+1 years) position starting in January 2022 to work with Prof. F. Fernandez-Alonso, in collaboration with BCMaterials to explore novel hybrid materials for energy conversion and storage.

The positions will be funded by the IKUR strategy. IKUR is the strategy promoted by the Education Department of the Basque Government to boost Scientific Research in specific strategic areas and to position the Basque country at the forefront of international research in those fields.

The selected candidate will be hired by the Research Association MPC - Materials Physics Center. The salary will be 16.131,72 € before taxes for the first year.

The Quantum Beams & Sustainable Materials Group at the Center of Materials Physics makes extensive use of beams of quantum particles like neutrons or photons in tandem with computational materials modelling to interrogate, understand, and design novel functional materials for energy applications and sustainability. This research program is underpinned by the development of new techniques and methodologies for materials discovery, in close collaboration with leading neutron and X-ray laboratories from around the globe.

Candidates must hold an MSc degree or equivalent in Chemistry, Physics, Materials Science or related discipline. Prior exposure to radiation-scattering techniques (X-ray, neutron, etc) and/or computational materials modelling will be highly appreciated for this particular position.

Suitable candidates can apply for this position sending by email to [jobs.cfm@ehu.eus](mailto:jobs.cfm@ehu.eus) the following information before 1<sup>st</sup> of December 2021 with the subject label "**Predoc CFM-Neutrons4Energy**":

- 1- An updated Curriculum Vitae, including a list of publications. (75%)
- 2- A presentation letter with declaration of interests (max. 1 page). (25%)

General enquiries or questions about this position should be submitted by email to: [jobs.cfm@ehu.eus](mailto:jobs.cfm@ehu.eus) with the subject label "Predoc CFM- Neutrons4Energy" where "Predoc CFM- Neutrons4Energy" refers to the Job Offer Reference code you are interested in (thus, separate emails are required to apply for different job offers).