

## POSTDOCTORAL RESEARCH POSITION IN THE POLYMERS & SOFT MATTER GROUP

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

The **POLYMERS & SOFT MATTER Group** at CFM is offering a postdoctoral position (18 months) starting on July 1<sup>st</sup>, to work with Dr. Jon Maiz, in collaboration with Dr. Guiomar Hernández from Uppsala University (Sweden), Dr. Irune Villaluenga (POLYMAT) and Dr. Robert Aguirresarobe (UPV/EHU), focusing on the development of advanced solid polymer electrolyte structures (block copolymers), and their characterization. The aim is to understand how polymer segmental dynamics, ion-polymer interactions, and residual solvents influence ion mobility and overall ionic conductivity. This is achieved using complementary techniques such as neutron scattering, rheology, and dielectric spectroscopy.

This position will be partially funded by the IKUR Strategy-Neutronics 2025-2026 of the Department of Science, Universities and Innovation of the Basque Government.

The selected candidate will be hired by the Research Association MPC - Materials Physics Center. The salary will be of 35.650,44 euros before taxes.

The Polymers & Soft Matter Group at the Center for Materials Physics focuses on fundamental problems related to the structural and dynamical properties of soft matter systems, primarily based on polymers. Current research topics include functional polymer synthesis, novel chain topologies, and the self-assembly of various polymer systems. For more information, visit our web: [www.sc.ehu.es/sqwpolim/PSMG/](http://www.sc.ehu.es/sqwpolim/PSMG/).

Candidates must hold a PhD degree in Physics, Chemistry, Chemical Engineering, or Materials Engineering, preferably with a focus on polymers and battery characterization. Expertise in polymer characterization is highly valued for this position, particularly experience with dielectric spectroscopy, rheology, scattering techniques (e.g., neutron or X-ray), and various microscopy methods.

Suitable candidates can apply for this position sending by email to [jobs.cfm@ehu.eus](mailto:jobs.cfm@ehu.eus) the following information **before 23<sup>rd</sup> of June** with the subject label "**Postdoc CFM-SPIRIT**":

- 1- An updated Curriculum Vitae, including a list of publications. (70%)
- 2- A presentation letter with declaration of interests (max. 1 page). (25%)
- 3- Two reference letters and/or contact email of two potential referees. (5%)

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 "**Postdoc CFM-SPIRIT**".