POLYMAT
Basque Center for
Macromolecular Design and Engineering

PhD Fellowship in Computational Chemistry

A co-tutored PhD Fellowship in Computational Chemistry is available in the group of Dr. Fernando Ruipérez at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu), co-supervised by Dr. Jon M. Matxain at Donostia International Physics Center, DIPC (www.dipc.ehu.es).

The project is supported by the IKUR - HPC & IA strategy of the Basque Government (www.science.eus/en/ikur) and aims to develop new polymeric materials with enhanced properties for technological applications. The project will be carried out at POLYMAT and DIPC centers, two vibrant multidisciplinary and international research institutes in Donostia - San Sebastián (Spain). Both centers offer excellent working conditions and well-equipped facilities.

Applicants must have a BSc and MSc in Chemistry (or at least 60 ECTS credits) with a background in Computational Chemistry and previous experience in electronic structure calculations by means of DFT calculations. Additional knowledge on TDDFT and transition state characterization will also be appreciated.

Good command of written and spoken English is a must. The selected candidate is expected to conduct research, write papers and deliver a PhD thesis, and should be able to start before July 1st 2023.

Applications will be considered upon arrival and should be **addressed to Dr. Fernando Ruipérez** and sent via email in **one single PDF** to fernando.ruiperez@ehu.eus, including:

(i) a cover letter highlighting their interest in the position.
(ii) curriculum vitae.
(iii) a short description of previous research.
(iv) the names and contact addresses (e-mail) of two academic referees.

POLYMAT has obtained the "HR Excellence in Research Award". The award reflects our commitment to continuously improve our human resource policies in line with the European Charter for Researchers, the Code of Conduct for Recruitment of Researchers and our commitment to achieve fair and transparent recruitment and appraisal procedures.