




Company Description

POLYMAT Fundazioa
www.polymat.eu

Information

 Deadline: 2020-10-01
 Category: Business
 Province: Gipuzkoa

 Country: Basque Country
 City: SAN SEBASTIAN

Company

Polymat

POLYMAT
 Basque Center for
 Macromolecular Design and Engineering

Main functions, requisites & benefits

Main functions

A PhD Fellowship in Chemistry is available in the Polymerization Processes and Theory and Simulation Groups at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa www.polymat.eu The aim of this project is to exploit recent advances in dynamic polymer chemistry to generate libraries of polymer materials with controllable rheological properties. Within this project, we will be trying to advance two scientific aims developing a better understanding of how the rheological properties of dynamic polymers can be adapted for specific materials applications, and tailored synthesis of dynamic polymers aided by computational modelling. The project is at the forefront of polymer and materials science and is a highly interdisciplinary involving synthesis, characterization, computational modelling and application of polymers.

Requisites

Applicants must have a BSc and MSc in Chemistry (or a related discipline). A background in polymer science or computational chemistry is highly desirable. Good command of written and spoken English is a must (if preselected, a telephone interview will be carried out before any other appointment is made). The selected candidate is expected to conduct research, write papers, and deliver a PhD thesis.

