




Company Description

POLYMAT is devoted to use-inspired fundamental research on synthesis, assembly and processing of polymers that in concert with theory and simulation enable addressing these challenges. Polymers are found in such a large variety of products that have shaped modern life. In the future, polymers will continue substituting other materials in established applications and will play a major role in the development of the technologies needed to address some of the 21st Century challenges such as energy, health care and sustainability.

Information

 Deadline: 2022-07-01
 Category: Business
 Province: Gipuzkoa

 Country: Basque Country
 City: Donostia - San Sebastián

Company

Polymat



Main functions, requisites & benefits

Main functions

A postdoctoral fellowship is available in the Polymerization Processes Group at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu). Emulsion polymerization is an industrialized process for the production of polymer latexes that involves a complex, heterogeneous polymerization system and leads to polymers with a diverse range of structures. This project looks to use machine learning to better control polymerization processes and products made from emulsion polymers.

Requisites

Applicants must have a PhD in chemistry or chemical engineering (or a related discipline) and should have some experience in polymers and mathematical modelling. 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).

