




Company Description

BCMaterials, Basque Center on Materials, Applications and Nanostructures, is an autonomous research center launched in June 2012 by Ikerbasque, the Basque Foundation for Science and the University of the Basque Country (UPV/EHU) as a research center for Materials, Applications and Nanostructures. The Center is included in the BERC's (Basque Excellence Research Centers) Network, and its mission is to generate knowledge on the new generation of materials, turning this knowledge into (multi)functional solutions and devices for the benefit of society.

Information

 Deadline: 2023-02-05
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: Leioa

Company

BCMaterials



Main functions, requisites & benefits

Main functions

The main task of the job is devoted to the development and characterization of smart and multifunctional nanoparticles for applications purpose. Postdoctoral research fellow will be responsible for the development of smart nanoparticles and macromolecules and its structure diagnostic, especially by small-angle neutron/X-ray scattering and Neutron Reflectometry. Large-scale facilities in Europe and worldwide will be used to perform structure and dynamics investigation of the materials.

Requisites

PhD in Physics, Chemistry, Materials Science or related areas. Demonstrated experience in the field, particularly in neutron scattering for structural investigations at nanoscale. Strong background in theoretical modelling. Experience in the use of different large-scale facilities and data treatment. A team player who can collaborate with other research groups and lines. Proficiency in speaking and writing in English. Self-motivation and willingness to lead independent research. Presentation skills and ability to meet the deadline are also required.

