


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. The BCMaterials (Basque Center for Materials, Applications & Nanostructures), opens the call to develop the PhD thesis at our center in collaboration with Professors of the University of the Basque Country (UPV/EHU). We will offer three years PhD grants to develop a research project within the five strategic research areas of the center: 1.- Active and smart materials 2.- Advanced functional materials 3.- Functional surfaces and coatings 4.- Micro and nano-devices 5.- Nanostructured materials Within this frame, the BCMaterials is currently researching an ample diversity of materials, surfaces and devices processing, which fundamental understand and modification allows modifying or combining different physic and chemical properties towards their application in research fields such as Advance Manufacturing, Biomedicine, Energy or Environment

Information

 Deadline: 2019-06-30
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: leioa

Company

BCMaterials



Main functions, requisites & benefits

Main functions

A number of technologies, from biomedical applications, energy generation and storage to sensors and actuators rely on the development of advanced multifunctional materials, some of them functionalized with micro/nanoparticles, providing tailored responsive properties.

BCMaterials is searching for motivated post-doctoral fellows to develop research work within the following areas:

- Active and smart materials
- Nanostructures materials
- Functional surfaces and coatings
- Advanced functional materials

- Micro and nano-devices Work Program / Duties / Responsibilities: Materials will be prepared and characterized, the (multi)functional signals optimized and the ones with the best performance will be evaluated for implementation into devices.

Requisites

The position requires a motivated candidate; fluent English and good interpersonal and presentation skills. Previous experience in the fields will be valued.

