

Company Description

BCMaterials, Basque Center on Materials, Applications and Nanostructures, is an autonomous research center launched 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 high-quality interdisciplinary research on the new generation of advanced and multifunctional materials, turning this knowledge into (multi)functional solutions and devices for the benefit of society. BCMaterials is divided into four Research Lines and four Research Areas. The Research Lines are focused on the in-depth investigation and development of specific Advanced and Multifunctional Materials, whereas the Research Areas are established to provide answer to specific technological and society challenges. Two additional transversal research lines provide support to materials development in the center. Research Lines: Active & Smart Materials / Micro & Nanostructured Materials / Advanced Functional Materials & Surfaces / Micro & Nanodevices. Research Areas: Materials for Digitalization & Emerging Technologies / Materials for Biomedicine & Biotechnology / Materials for Environmental Prevention, Remediation & Monitoring / Materials for Energy Generation & Storage. Transversal

Information

 Deadline: 2023-10-31
  Country: Basque Country
 Category: Business
  City: Leioa
 Province: Araba / Álava

Company

BCMaterials



Main functions, requisites & benefits

Main functions

Specialists in film deposition and surface modification techniques, characterization and implementation of nanoengineered materials and surfaces are welcome. Areas of research interest include, but are not limited to, materials for photonics and optoelectronics, magnetoactive materials and (multi)functional surfaces and coatings. Potential application areas include, but are not restricted to, advanced photonics and optoelectronics, sensors and actuators, energy storage and conversion. Candidates are expected to be able to develop multidisciplinary research in collaboration with research centers and to promote international collaborations, attracting competitive funding and establishing his/her own research group. The selected candidate is expected to perform independent research and establish a strong research group in Functional Nanoengineered Surfaces.

Requisites

We are looking for candidates with excellent leadership capabilities and an outstanding research record. Only researchers with a strong record of research will be considered. Applicants should be fluent in English. Knowledge of Spanish and/or Basque will be considered useful, but is not compulsory.

