Bizkaia talent

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: 2022-01-21
- Category: Business
- Province: Bizkaia
- Country: Basque Country
- City: Leioa

Company

BCMaterials

BCMATERIALS
BASQUE CENTER FOR MATERIALS, APPLICATIONS & NANOSTRUCTURES

Main functions, requisites & benefits

Main functions

BCMaterials, Basque Center on Materials, Applications and Nanostructures, Leioa, Spain (www.bcmaterials.net), is an autonomous research center, belonging to Ikerbasque, the Basque Foundation for Science and the University of the Basque Country (UPV/EHU). BCMaterials is looking for motivated and young candidates for a PRE-DOCTORAL (Ph.D) position in Computational Materials Science, funded d by the IKUR strategy. IKUR is the strategic program promoted by the Education Department of the Basque Government to boost Scientific Research in specific strategical areas, including Quantum Technologies, High Performance Computing, NeutrIonics and NeuroBiosciences. The open PhD position in in the area of Computational materials science, machine learning; The research main activities of BCMaterials can be visited in www.bcmaterials.net The work will be carried out at BCMaterials in close collaboration and coordination with different institutions from the Basque Scientific and Technological network as well as in cooperation with international leading research institutions. Short stays at collaborative partners will also be supported in order to obtain European Ph.D degree for hired researchers. For the successful candidate, the position represents an excellent opportunity to develop both collaborative and personal scientific research career, exploiting the capabilities of advanced functional materials and their application.

Requisites

Skills and Requirements The candidate must have a Master in Materials Science, Chemistry, Physics, Biology, Biotechnology or related areas. Proficiency in speaking and writing in English will be welcome. Self-motivated and ability to work in a team. A high level of motivation and independent thinking abilities. Ability and eagerness to learn new skills outside own discipline Presentation skills and able to meet the deadline are also required. Work Program / Duties /Responsibilities The PhD candidate will work in an ambitious research program in one of the aforementioned research areas. Materials will be designed, characterized, the functional properties evaluated and optimized and their integration into applications demonstrated, whenever suitable.