POST–DOCTORAL IKUR POSITIONS: COMPUTATIONAL MATERIALS SCIENCE

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: 2022-06-10
- Category: Business
- Province: Bizkaia
- Country: Basque Country
- City: Leioa

Company

BCMaterials

Main functions, requisites & benefits

Main functions

BCMaterials is looking for motivated and young candidates for a POST-DOCTORAL position in Computational Materials Science, funded 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, Neutrlonics and NeuroBiosciences.
The open Post-doctoral position is are in the areas of Computational materials science or machine learning.

The main research activities of BCMaterials in the different areas 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.

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.
Work program / Duties / Resposibilities:
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. Other relevant information: Include contact details for 2 referees. Interview will be conducted soon after the deadline. The preferred starting date to join is July 2022.

Requisites

The candidate must have a PhD in Materials Science, Chemistry, Physics, Biology, Biotechnology or related areas. Proficiency in speaking and writing in English. Self-motivated and ability to work in a team and willing to coordinate the research in a particular topic. 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.