




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:** 2022-10-22
 **Category:** Business
 **Province:** Bizkaia

 **Country:** Basque Country
 **City:** Leioa

Company

BCMaterials



Main functions, requisites & benefits

Main functions

We are looking for two pre-doc level candidates in the area of materials engineering and emerging solar cells. The hired researchers will work on the synthesis of emerging semiconductors, new process, and their integration in the development of perovskite solar cells. The work will be carried out at BCMaterials and will enjoy collaboration with the leading research groups. The starting date is as soon as possible, and a competitive salary will be paid and is at par with other EU scientific establishments.

The hired researchers will work on a European excellence grant funded project, aiming to develop new thin-film solar cells technology which is beyond silicon. The contract will be of one year. Work program / Duties / Responsibilities

The pre-doctorate candidates will be responsible for laboratory experiments, fulfilling the project objectives, Interacting with collaborative partners, and result dissemination. Writing reports, and scientific articles on the research results. For the successful candidates, the positions represent an excellent opportunity to develop both a collaborative and personal scientific research career, exploiting the capabilities of energy materials, semiconductors, and photovoltaics.

Requisites

The position requires A Master degree in Materials Science, Physics, Chemistry, or chemical engineering A very high level of motivation and independent thinking abilities Ability to track the recent relevant literature and keep an eye on scientific updates. Proficiency in English, good interpersonal, and presentation skills, being a team player, and the ability to meet deadlines are also required.

