

Call reference number	(2023-30)
Call name	Post-doc researcher to work on Interlayer of Perovskite Solar Cells
Application Deadline	2023/12/10

Introduction and main description
<p>We are looking for a postdoc candidate in the area of materials engineering and emerging solar cells. The hired researcher will work to stabilize and optimize the interface and fabricate perovskite solar cells with the help of 2D materials. The work will be carried out at BCMaterials and the opportunity to collaborate 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.</p> <p>The hired researcher will work on a Nationally-funded research project, aiming to develop new thin-film solar cell technology that is beyond silicon. Opportunities to collaborate with other groups and industry exists. The contract will finish on August 31, 2025.</p>

Skills and Requirements
<p>The position requires</p> <ul style="list-style-type: none"> • A Ph.D. 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. • Experience in the field of solar cells/perovskite solar cells or semiconductor is expected.

Work Program / Duties / Responsibilities
<p>A full-time post-doctorate position exists for researchers within the research domain of emerging solar cells in a cutting-edge research group at BCMaterials. BCMaterials is an independent research center, active in functional materials located near Bilbao in the Basque Country, north of Spain. The post-doctorate candidate will be responsible for laboratory experiments, fulfilling the project objectives, interacting with collaborative partners, and results dissemination. For the successful candidate, the position represents an excellent opportunity to develop both a collaborative and personal scientific research career, exploiting the capabilities of energy materials, semiconductors, and photovoltaics and making significant progress in their career.</p>

Application Procedure
<p>Apply by submitting a motivation letter and a CV (in English) using the "Contact" button at the corresponding offer, at the "Join Us" area on BCMaterials' portal (https://www.bcmaterials.net/join-us).</p> <p>Your name and email address will be required for further contact too.</p>

Other Relevant Information

Please apply by sending the application along with the name of 2-3 scientific referees or the recent support letter.