

Company Description

WHO ARE WE?
<https://cicenergigune.com/en/who-are-we> WHERE ARE WE?
<https://cicenergigune.com/en/where-are-we> OUR FACILITIES:
<https://cicenergigune.com/en/facilities> EES RESEARCH GROUPS:
<https://cicenergigune.com/en/ees-research-groups> For more details on CIC energiGUNE's Research activities please visit our website at
<http://www.cicenergigune.com>

Information

 Deadline: 2024-01-31
 Category: Business
 Province: Araba / Alava
 Country: Basque Country
 City: Vitoria-Gasteiz

Company

CIC energiGUNE

CIC
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MEMBER OF
 BASQUE RESEARCH
 & TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

CIC energiGUNE is seeking a postdoctoral researcher to work in one of its research groups: Organic and Hybrid materials. The main tasks are: To design and process at lab-scale of polymer/composite electrolytes for electrochemical energy storage. To design of electrolytes to be compatible with lithium metal electrode. To complete physicochemical characterization of materials. To characterize solid electrolyte-electrode interfaces (electrochemically and chemically). Electrode preparation, coin cell fabrication, and electrochemical testing of the materials. To process and analyze the results obtained from the characterization tests, give conclusions, and provide ideas to improve the solid-state battery performance. To participate in communication with companies and proposals preparation when required. Area: Electrochemical energy storage (EES) Research group: Advanced electrolytes and cell integration (Organic and Hybrid materials).

Requisites

PhD in Chemistry, Polymer Chemistry, Materials Science, Electrochemistry or a related field is required. Strong background in electrolyte formulation and processing. Hands-on experience with electrochemical testing methods. Systemic problem-solving skills. A good team player who can collaborate with other groups, academic and industrial partners. Good verbal and written communication skills in English. Spanish and Basque are optional but not compulsory.

Benefits

We are offering a 3-year contract and advantageous professional development opportunities with the possibility of renewal based upon satisfactory job performance, continuing availability of funds, and ongoing operational needs. Flexible working hours and with on-site work model with the option to eventually telework. Full access to cutting-edge laboratory facilities and characterization platforms. The incorporation to a top research center in Europe that makes high quality research and impactful contributions to the energy and sustainability fields. Professional and personal development: opportunity to attend seminars, international conferences, training courses, etc. Integrated, enthusiastic, international and multidisciplinary environment. A welcome program that offers help with finding accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, assistance with the administrative procedures, help with schools for children...). For more information: <https://cicenergigune.com/en/work-with-us>