



Company Description

CIC Energigune is a Cooperative Research Centre founded in 2007 with its headquarters in the Basque Country. Created thanks to the investments of the Basque Government and several leading companies in the energy sector, it aspires to become a true international leader in the field of energy and contribute to the industrial competitiveness of Basque companies.

Information

 Deadline: 2018-11-30
 Category: Business
 Province: Alava

 Country: Basque Country

Company

CIC energigUNE



Main functions, requisites & benefits

Main functions

CIC Energigune is seeking an experienced Researcher to engage in the Li-S line and Advanced Interfacial Analysis Research Group
 Job function: • Proof of concept study of Li-S solid state batteries • Perform electrode & solid electrolyte (mainly polymer-based) preparation, cell fabrication, and electrochemical testing of the materials. • Characterize of metal anode surface, electrolyte/electrode interfaces and understand SEI formation. • Collaborate in writing proposals to secure funding from government and industrial sources.

Requisites

Qualification requirements: • PhD in Materials Science, Solid-state Chemistry, Inorganic Chemistry, Chemical Engineering, Electrochemistry or related fields. • Training and expertise in full electrochemical characterization of positive and negative electrodes. • Experience in analysis of Electron diffraction data, Transmission and Scanning electron Microscopy. • Experience with surface analysis techniques such as Raman and photoemission spectroscopy. Knowledge of surface modification and functionalization processes will be an asset. • A team player who can collaborate with other groups, technical centers, and industries. • Good verbal and written communication skills in English Experience in solid-state polymer electrolytes and energy storage technologies (e.x. Li-S systems) would be an added advantage.

Benefits

We are offering 36-month position in the field of solid state batteries and focused in the study of the interfacial phenomena, with the possibility to participate in public and private research projects and important professional development opportunities. In addition to the appeal of the entire project, the CIC Energigune offers a competitive basic salary augmented by important benefits such as special conditions for a private health insurance that compare favorably with the best global private and public institutions The Foundation will also help smooth the transition for you and your family, providing a welcome programme that offers help for accommodation and addresses other aspects to help you integrate into the local environment.