

Company Description

CIC energiGUNE is a research center specialized in energy, electrochemical storage (batteries and supercapacitors), thermal energy solutions and hydrogen, a member of the Basque Research and Technology Alliance- BRTA and a strategic initiative of the Basque Government. CIC energiGUNE is a reference in knowledge transfer and was created in 2011 to generate fundamental excellence knowledge useful for the Basque business network. CIC energiGUNE has a dynamic research team of more than 100 researchers and is extremely well equipped with a wide range of up-to-date facilities that are fully available to all the research community. In 2019, the European Commission has awarded CIC energiGUNE with the 'HR Excellence in Research' label, which reflects the center's commitment to implement fair and transparent recruitment and appraisal practices, and certifies its salutary work environment. For more details on CIC energiGUNE's research activities please visit our website at <http://www.cicenergigune.com>

POSITION DESCRIPTION: CIC energiGUNE is seeking an engineer/researcher to lead a research group devoted to the design, characterization and cell integration of inorganic electrode and electrolyte materials for Li and Post-Li batteries. The selected candidate will be responsible for overseeing the synthesis, structural characterization, and measurement

Information

 **Deadline:** 2022-07-31
 **Category:** Business
 **Province:** Araba / Alava

 **Country:** Basque Country
 **City:** Vitoria

Company

CIC energiGUNE



Main functions, requisites & benefits

Main functions

Providing technical direction and execution in the design and development of ceramic solid electrolytes for integration in all-solid-state batteries. Providing technical direction and execution in the design and development of inorganic electrode materials for Li and Post-Li batteries. Leading various research activities such as writing research proposals, project execution/reporting/management, writing high quality scientific research papers, and presenting results at scientific conferences. Supporting the strategic long-term research in agreement with the views of the area's Scientific Director and the Technology Coordinator, as well as those of the CIC. Overseeing team member's hiring and professional development processes. Mentoring researchers as undergraduate and graduate students, predoctoral researchers as well as postdoctoral fellows. Developing strategic partnerships and collaborations. Pursuing the development of intellectual property to protect technology advancements and secure a competitive position.

Requisites

PhD in Materials Science, Chemistry, Ceramics Engineering, Chemical Engineering, Physics, or a related field. Basic knowledge of electrochemistry. Strong, hands-on battery research experience supported by a good record of publications. Robust theoretical foundation in synthesis, chemical and structural characterization of inorganic solids. Deep understanding of structure-property relationships. Experience in sulfide chemistry will be highly valued. Ability to identify and solve technical challenges. Ability to justify intellectual and technical decisions based on scientific results. Willingness to learn new skills or approach a new field of study. Good verbal and written communication skills in English. Demonstrated self-motivation and ability to work independently. A good team player who can collaborate with peers in the academic and industry sectors.

Benefits

We are offering a permanent position that will give you a unique opportunity to continue developing a competitive Research Group in the context of a state-of-the-art research landscape. A flourishing scientific community conducting synergistic research with universities and other research institutions already operating in the region. Access to a complete set of existing laboratory infrastructure and equipment to ensure a fruitful stay and the fulfillment of the objectives in due time. The selected candidate will join an integrated, enthusiastic, and multidisciplinary institute making high quality research and impactful contributions to the energy and sustainability fields. In addition to leading exciting and innovative projects, the CIC energiGUNE offers a competitive salary and important employee benefits such as life insurance, health insurance and social security that compares favorably with the best private and public institutions operating globally. CIC energiGUNE will provide the selected candidate and their family with support in the transition to a new life, helping with accommodation, school or daycare, language courses, social security, and any other needs the candidate may have in the process of integrating into the local environment. CIC energiGUNE is located in Vitoria-Gasteiz, the capital of the Basque Country, Spain. Vitoria-Gasteiz is a dynamic city, consistently pointed as one of the 5 best places to live in Spain.