



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 was created in 2011 to generate excellent knowledge and at the same time useful for the Basque business network, being a reference in knowledge transfer. 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 for all its researchers. Also, the European Commission has recently (2019) awarded CIC energiGUNE with the 'HR Excellence in Research' which reflects its commitment to achieving fair and transparent recruitment and appraisal procedures and certifies the existence of a stimulating and favorable work environment for researchers in the institution. For more details on CIC energiGUNE's research activities please visit our website at <http://www.cicenergigune.com>

Information

 Deadline: 2022-06-30  Country: Basque Country
 Category: Business  City: Vitoria-Gasteiz
 Province: Araba / Álava

Company

CIC energiGUNE



Main functions, requisites & benefits

Main functions

CIC energiGUNE is seeking a Laboratory Technician to work on the Polymer Research Line. Job functions: Processing and characterization of polymer electrolytes and related materials. Sample preparation for polymer-based solid batteries. Characterization of the synthesized materials using analytical instruments. Techniques to be used: Standard operating procedures for polymer synthesis and characterization. Structural and physico-chemical characterization: nuclear magnetic resonance spectroscopy (NMR), Fourier transform infrared spectroscopy (FTIR), Raman, ICP, X-ray diffraction, elemental analysis, gel permeation chromatography (GPC), differential scanning calorimetry (DSC), thermogravimetric analysis, scanning electron microscopy (SEM). Electrolyte preparation, cell integration, and component characterization.

Requisites

Degree in Materials Science, Chemistry, Engineering or related fields. Training and expertise in polymer synthesis, processing and characterization. Experience in analysis of NMR, FTIR, DSC, TGA, etc. Experience in Electrochemical characterization techniques (galvanostatic cycling, CV, impedance measurements, etc.) will be positively considered. A team player who can collaborate with other groups, technical centers, and industries. Good verbal and written communication skills in English.

Benefits

We are offering a 12-month contract and professional development opportunities with a competitive salary within the category. 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. Candidates will join an integrated, enthusiastic, and multidisciplinary institute making high quality research and impactful contributions to the energy and sustainability fields. CIC energiGUNE will also help smooth the transition for you and your family, providing a welcome program that offers help with accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, help with schools for children...). CIC energiGUNE is located close to the city of Vitoria-Gasteiz (Spain), in the heart of the Basque Country. The Basque Country is the region with the highest R&D investment in Spain, with more than 20.000 researchers. The basque research ecosystem comprises a solid and collaborating community composed of universities, technology and cooperative research centers. For more information: <https://cicenergigune.com/en/work-with-us>