


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: 2023-03-31
 Category: Business
 Province: Araba / Alava

 Country: Basque Country
 City: Vitoria - Gasteiz

Company

CIC energiGUNE



Main functions, requisites & benefits

Main functions

CIC energiGUNE is looking for an engineer to work on Cells and batteries characterization in the electrochemical laboratory. The main functions are: Optimized organization of electrochemistry laboratory channels. Management of resources (channels) according to the needs of the projects, avoiding bottlenecks. Monitor the use of channels, improving efficiency and attending to special high-priority requests. Ensure benchmark and best practices in the laboratory. Ensure the conditions of use and operation of the elements, instruments and equipment necessary to carry out activities in the laboratory. Organize laboratory maintenance and manage needs (connectors, cables, potentiostats, climatic chambers). Manage purchases and tenders together with the Administration department. Installation of new acquisitions in coordination with the Maintenance team. Driving and promoting improvements in automation of the electrochemistry laboratory. Ensure compliance with Health and Safety requirements. Suggest and implement improvements (i.e. thermocouples, temperature management, etc). To support the development and implementation of new electrochemical methodologies, according to the needs that arise. To implement techniques for extraction, processing and analysis of large volumes of data.

Requisites

Specific requirements: Degree in electronics engineering, chemical engineering or related disciplines Electrochemistry knowledge like galvanostatic and potentiostatic techniques. At least 5 years of direct electrochemistry laboratory experience Highly desirable skills: Specific knowledge: Agile techniques for project management. Instrumentation automation tools (Labview, others), data science, data mining, etc. Knowledge and training capacity in quality, acceptance testing, safety, battery maintenance. Battery storage, safety chambers, ATEX installations, waste management (cells, pouch, batteries, etc.), etc. Proactive, with high capacity of commitment and team work, spirit of cooperation and personal improvement. Resolute, with a high level of autonomy and goal orientation. Good analytical, communication, leadership and interpersonal skills. Desirable but not mandatory skills: Knowledge of battery abuse testing.

Benefits

We are offering the incorporation to a first-level research center with an outstanding team 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.