

Company Description

CIDETEC is a Technology Centre that brings together three leading international centres in the fields of Energy Storage, Surface Engineering and Nanomedicine. For more than 25 years, we have been working with leading companies to develop technology that makes the world a better place.

Information

 Deadline: 2024-06-30
 Category: Business
 Province: Gipuzkoa

 Country: Basque Country
 City: San Sebastián

Company

CIDETEC

cidetec
a greater future today

Main functions, requisites & benefits

Main functions

To develop, characterize and optimize SSB towards project KPIs including failure and post-mortem analysis. To investigate physical-chemical and electrochemical properties of solid electrolytes, electrodes and cell components. Project management and management of laboratory staff. Data analysis and interpretation. To write project proposals, technical reports, patent applications, conference abstracts and scientific manuscripts. To participate in technology transfer and scale-up of the developed materials and technologies. To perform literature and patent search to identify new materials, technologies and processes.

Requisites

Education: PhD in Electrochemistry / Physics / Material Science. Languages: English. Knowledge: Excellent knowledge of technical electrochemistry, advanced batteries, and material science. 3+ years of direct experience in the lithium battery R&D environment (SSB, Li-ion, Li-metal etc.). Conceptualization of the R&D activities in the field of cell development and characterization. Solid knowledge and hands-on experience on assembly, manipulation and comprehensive testing of coin and pouch cells. Solid knowledge and hands-on experience on main electrochemical (EIS, CV, galvanostatic cycling etc.) and physical-chemical (FE-SEM, XRD, FTIR, XPS etc.) characterization methods. Synthesis and processing of composites. Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. You will be able to organise your work, meeting both the deadlines and the established objectives. Problem-solving capacity and scientific criteria. Good communication skills, both verbal and written. Having undertaken a placement abroad and more than 3 years' work experience will be considered a plus.

Benefits

At CIDETEC you will be able to develop your career alongside a team of top-level professionals dedicated to innovation and seeking to provide practical solutions that result in a more sustainable world. Professional development opportunities that allow you to build a solid career, working on projects that transform both industry and society. Work with teams at the very highest level in local, national and European settings. Work-life balance initiatives. Continuous training. Privileged setting in a safe and friendly environment. Variable remuneration package for all employees.