

Company Description

We are a dynamic high-tech company from Aachen with subsidiary BatterieIngenieure South Europe SL in Bilbao area, Spain. We deal with all electrochemical energy storage systems. The focus here is on Li-ion technologies and lead-acid batteries. But also SuperCaps, Ni-based technologies or primary cells are part of our work. The company has specialized in three core areas in the battery field. The first area covers all tests on cells, modules and batteries. In addition to electrical tests, mechanical, thermal and safety tests are also carried out. The spectrum of test specimens ranges from the smallest cells in so-called coin-cell format to HV batteries with a maximum voltage of 1,000V. In the second subject area, the focus is on the development of hardware, models and algorithms for the diagnostics of storage devices. The range of services is completed with the business area of technical consulting.

Information

 Deadline: 2023-05-31
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: Bilbao

Company

BatterieIngenieure South Europe



Main functions, requisites & benefits

Main functions

BatterieIngenieure South Europe is looking for an engineer for developing advanced diagnostic algorithms and models for batteries. Main functions of the candidate are: Design, develop and validate control algorithms for battery state detection Develop, implement, and validate battery models Design and supervise characterization and validations tests Evaluate and analyse test data Technical support to the project manager

Requisites

Automation and system engineering / electronic engineering / mechanical engineering / data engineering / Informatic engineering (equivalent bachelor's or master's degrees) Experience with following programming languages: Matlab and Simulink. C and Python knowledge is also highly appreciated Good knowledge of written and oral English. Knowledge of German will be appreciated. Good communication skills, able to work independently and proactively Experience in the above described areas is an advantage: batteries, model-based SW, ...

Benefits

Flexible working place, possibility to work remotely International and young working environment Possibility of a temporary stay in mother company in Aachen (Germany) Continuous training

