

Company Description

WHO ARE WE?
<https://cicenergigune.com/en/who-are-we> WHERE ARE WE?
<https://cicenergigune.com/en/where-are-we> OUR FACILITIES:
<https://cicenergigune.com/en/our-facilities> EES RESEARCH GROUPS:
<https://cicenergigune.com/en/ees-research-groups> For more details on CIC energigUNE's research activities please visit our website at <http://www.cicenergigune.com>.

Information

 Deadline: 2023-10-31
  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 in the development of new electrolytes for advanced Li-ion batteries. Job functions: Formulation of electrodes and electrolytes combining different solvents, salts and additives. Electrodes and electrolytes processing by different dry and wet mixing methods such as extrusion, high-shear mixing... Characterization of the different components of the cell using techniques as rheology, mechanical tests and other physicochemical characterizations. Cell assembly of coin and pouch cells. Basic electrochemical evaluation of the formulated electrolytes in Li-ion coin cells. Area: Electrochemical energy storage (EES) Research Group: Cell prototyping

Requisites

Degree or occupational training in Chemical Engineering, Materials Science or related fields. Experience and knowledge in the following will be required:

- o Experience in polymer processing.
- o Formulation of electrodes and electrolytes.
- Highly Valued:
- o Characterization techniques as rheology and mechanical tests.
- o Electrochemical characterization techniques.
- Ability to identify and solve technical problems.
- Proficiency for quickly learning new skills or field of study.
- Good verbal skills in English.
- Demonstrated self-motivation and ability to work independently.
- A good team player who can collaborate with other team members.

Benefits

12 months contract and professional development opportunities. Flexible working hours and with the option of hybrid distance/on-site work model. Full access to cutting-edge laboratory facilities and characterization platforms The incorporation to a top research center in Europe that makes high quality research and impactful contributions to the energy and sustainability fields. Professional and personal development, opportunity to attend seminars, international conferences, trainings, etc. Integrated, enthusiastic, international and multidisciplinary environment. A welcome program that offers help with finding accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, assistance with the administrative procedures, help with schools for children...). For more information: <https://cicenergigune.com/en/work-with-us>