

Company Description

CIC Energigune is a Cooperative Research Centre founded in 2007 with its headquarters in the Basque Country. Created thanks to the investments of the Basque Government and several leading companies in the energy sector, it aspires to become a true international leader in the field of energy and contribute to the industrial competitiveness of Basque companies.

Information

 Deadline: 2019-04-11
 Category: Business
 Province: Alava

 Country: Basque Country

Company

CIC energigUNE

CIC
energig
GUNE
MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

The candidate will join a young and highly motivated team for the development of solid state battery components and their integration in solid state cells.

The researcher will be in charge of preparing materials and cells; understanding component interactions; and identifying, monitoring and optimizing key parameters for best performance.

Additional tasks include:

- Writing of technical reports and scientific publications.
- Monitoring the work plan of his/her individual research project, making sure that milestones are achieved and tasks are finalized in a timely manner.
- Actively participating in research meetings, seminars, etc.
- Assisting in the training and supervision of Students.

Requisites

PhD in Chemistry, Materials Science or related field with excellent skills in:

- Synthesis of inorganic compounds.
- Physicochemical and structural characterization of materials and cell components using various analytical techniques (XRD, SEM, Raman, DSC/TG, FTIR, etc.).
- Integration of electrode materials in solid-state electrochemical cells.
- Advanced electrochemical characterization (e.g. cyclic voltammetry, galvanostatic charge-discharge tests, electrochemical impedance spectroscopy)
- Inter-personal and communication skills to work effectively within a multi-disciplinary team. A team player who can collaborate with other groups, technical centres, and industries.
- Good verbal and written communication skills in English

Benefits

We are offering a 3 year contract and advantageous professional development opportunities within interesting projects in the field of