

Company Description

DESCRIPTION OF THE INSTITUTION: 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/plant-facilities> EES RESEARCH GROUPS:
<https://cicenergigune.com/en/electrochemical-storage-research-groups> For more details on CIC energigUNE's research activities please visit our website at <http://www.cicenergigune.com>.

Information

 Deadline: 2024-01-26  Country: Basque Country
 Category: Business  City: Vitoria-Gasteiz
 Province: Araba / Álava

Company

CIC energigUNE



Main functions, requisites & benefits

Main functions

The Hydrogen electrocatalysis group at CIC energigUNE is recruiting a researcher with expertise on water electrolyzers. The postdoctoral position is offered in the framework of the creation of the new hydrogen group. The candidate will be part of a multidisciplinary environment at CIC energigUNE and will work in close collaboration with postdocs and PhD students in the research centre. The general aims of the project are: Electrochemical characterization of solid electrolyte-electrode interfaces Optimization of electrochemical processes of electroplating. Desing of new electrochemical cell configurations Dissemination of the results in project meetings, publications, participating in conferences, etc Area: Electrochemical energy storage (EES) Research line: Electrochemical hydrogen technologies

Requisites

PhD in Electrochemistry, Materials Science or similar. Applications with Doctor of Engineering with specialization in electrochemistry are also welcome Strong knowledge in fundamental electrochemistry is indispensable. Critical thinker and problem solver with preferred interest in technology transfer. Expertise on the synthesis and processing of nanocatalyst and inks. Good verbal and written communication skills in English is essential. The following additional experience and skills will be highly valued: Expertise in redox-flow and/or decouple electrolyzers. Characterization techniques such as XRD, Gas chromatography, spectroscopy (XAS, Raman, XPS) and microscopy (TEM/SEM). Expertise in MEA preparations and single cell assembly. A team player who can collaborate with other groups, technical centers, and industries.

Benefits

WHAT WE OFFER: · We are offering a 3-year contract and advantageous professional development opportunities with the possibility of renewal based upon satisfactory job performance, continuing availability of funds, and ongoing operational needs. · Flexible working hours and with on-site work model with the option to eventually telework. · 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>