

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> TES RESEARCH GROUPS:

<https://cicenergigune.com/en/tes-research-groups> the storage-research For more details

on CIC energiGUNE's research activities please visit our website at <http://www.cicenergigune.com>

Information

 Deadline: 2023-09-30
 Category: Academia
 Province: Araba / Álava

 Country: Basque Country
 City: Vitoria-Gasteiz

Company

CIC energiGUNE



Main functions, requisites & benefits

Main functions

POSITION DESCRIPTION: CIC energiGUNE research center is seeking an experimentalist to fill the researcher position in the Interfacial phenomena and porous media group. The main tasks will be: Perform high-quality research. Publish the obtained results in high-impact journals. Present the obtained results at international conferences. Provide guidance to PhD-, Master- and visiting students when required. Actively participate in research projects of the center. Demonstrated experience and hands-on expertise in corrosion science is expected. The following will be considered as advantage: Understanding corrosion protocols and methodology Materials characterization techniques such as SEM, EDX, XRD, FTIR, Raman, AFM, XPS, NMR, etc. Understanding of corrosion mechanisms, particularly under high temperature Understanding basic principles for corrosion-resistant alloys selection Experience in corrosion monitoring and mitigation techniques Experience with molten salts corrosion and other high-temperature thermal energy storage This is an exciting opportunity to develop your scientific career in a dynamic and modern research environment. This position is not linked to a single project/funding, instead, it is related to the deployment of CIC energiGUNE scientific and strategic plans. Therefore, candidates with different backgrounds and expertise related to corrosion science will be considered. Experience in energy storage technologies, particularly in thermal and thermomechanical energy storage, will be considered advantageous. Area: Thermal energy storage (TES) Research group: Interfacial phenomena and porous media

Requisites

PhD in Chemical, Physical or Engineering sciences A team player who can collaborate with other groups, technical centers and industries Excellent verbal and written communication skills in English A demonstrated experience in scientific excellence

Benefits

3 to 6 years contract, that could become permanent depending on the performance of the researcher and the availability of a position. Competitive basic salary with benefits (health insurance...) Support and help in smooth the transition for you and your family with a Welcome Program (accommodation, immigration...) Flexible working hours and hybrid distance/on-site work model. Professional and personal development, including career plans, training actions, attendance to international conferences or seminars, etc. Integrated, enthusiastic, international and multidisciplinary environment. For more information: <https://cicenergigune.com/en/work-with-us>.