

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/pla-facilities> TES RESEARCH GROUPS:
<https://cicenergigune.com/en/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: Business
 Province: Araba / Álava
 Country: Spain
 City: Vitoria-Gasteiz

Company

CIC energiGUNE

CIC
energiGUNE
 MEMBER OF
 BASQUE RESEARCH
 & TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

POSITION DESCRIPTION: We are looking for a researcher to join our interfacial phenomena and porous materials research group. This is an exciting opportunity to develop the 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. Main functions: 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 These techniques/methods would be used: Gas adsorption, porosimetry, TEM, SEM, FTIR, Raman, AFM, XPS, NMR, etc. Familiarity with wettability characterization and control Superhydrophobic and superlyophobic materials synthesis Hydrophobization techniques Monolith porous materials synthesis Hierarchical porous materials synthesis High-pressure equipment 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 Experience in thermal and thermomechanical energy storage would be advantageous A demonstrated experience in scientific experience in at least one of the following topics is expected: Solid – liquid interfacial phenomena, including wettability, corrosion, nanofluids, nanoconfined fluids Synthesis of nanoporous materials, especially ordered nanoporous materials Thermal energy storage

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>.