POSTDOC RESEARCHER FOR LI-S BATTERIES

Company Description

CIC energiGUNE is a research center specialized in energy, electrochemical storage (batteries and supercapacitors), thermal energy solutions and hydrogen, a member of the Basque Research and Technology Alliance- BRTA, and, a strategic initiative of the Basque Government. CIC energiGUNE was created in 2011 to generate excellent knowledge and at the same time useful for the Basque business network, being a reference in knowledge transfer. CIC energiGUNE has a dynamic research team of more than 100 researchers and is extremely well equipped with a wide range of up-to-date facilities that are fully available for all its researchers. Also, the European Commission has recently (2019) awarded CIC energiGUNE with the ´HR Excellence in Research´ which reflects its commitment to achieving fair and transparent recruitment and appraisal procedures and certifies the existence of a stimulating and favorable work environment for researchers in the institution. For more details on CIC energiGUNE's research activities please visit our website at http://www.cicenergigune.com HOW TO APPLY: All applicants are invited to submit their applications including a cover letter, a detailed curriculum vitae and two reference letters at this website: https://cicenergigune.com/en/em opportunities/83379160. The selection process ends once the candidate is selected. CIC energiGUNE is committed to

Information

Deadline: 2022-06-30
Category: Academia
Province: Araba / Álava
Country: Basque Country
City: Vitoria-Gasteiz

Company

CIC energiGUNE

Main functions, requisites & benefits

Main functions

The selected candidate will be working on the project focusing on development of high energy density Li-S battery. The person will work both at material level (synthesis and characterizations of the materials) and focusing on cell components design level (processing and cell assembly). Collaborate with the project coordinator for report and presentation preparation, for both public and private funded projects. Techniques to be used: Characterization techniques, such as BET, SEM Electrochemcial testing thechniques, such as EIS, CV.

Requisites

PhD in material science, chemistry, chemical engineering or topic related to energy storage. Experience and background in battery research, specially Li-metal and Li-S battery will be highly valued. Professional experience and background in engineering processes will be highly valued. Experience of project management from technical perspective will be a plus. Clear mind set, result oriented and proactive A good team player who can collaborate well with other scientists. A Highly motivated person with an interest in research. Good level in spoken and written English

Benefits

We are offering a 36-month contract and professional development opportunities with a competitive salary within the category. Access to a complete set of existing laboratory infrastructure and equipment to ensure a fruitful stay and the fullfilment of the objectives in due time. Candidates will join an integrated, enthusiastic, and multidisciplinary institute making high quality research and impactful contributions to the energy and sustainability fields. CIC energiGUNE will also help smooth the transition for you and your family, providing a welcome program that offers help with accommodation and addresses other aspects to help you integrate into the local environment (such as free language courses, help with schools for children…). CIC energiGUNE is located close to the city of Vitoria-Gasteiz (Spain), in the heart of the Basque Country. The Basque Country is the region with the highest R&D investment in Spain, with more than 20.000 researchers. The basque research ecosystem comprises a solid and collaborating community composed of universities, technology and cooperative research centers. For more information: https://cicenergigune.com/en/work-with-us