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Code:

Project: LOGOS

Area: Advanced Materials for Energy

Area leader: Prof. Joan Ramon Morante

Group: Energy Storage, Harvesting and Catalysis

Group leader: Prof. Joan Ramon Morante

First Stage Researcher (R1) in Materials for Energy Storage

The **Energy Storage, Harvesting and Catalysis** group, part of the Advanced Materials for Energy area, led by Prof. Joan Ramon Morante is seeking a researcher to work within the frame of a European Project, devoted with the hydrogen storage and utilization using graphene as a template material for the hydrogen fixation.

Description: We are interested in a researcher with experience in chemistry, materials science and especially electrochemistry. The role of the researcher in the project will be the study of the hydrogen storage in the graphene lattice, as well as the design of an electrochemical reactor for this purpose. Simulation studies of the fluid-dynamics properties of the system will be also included.

Requirements: Professional who is highly skilled in planning and organizing. We look for people with capacity to work in a team, high flexibility and initiative and ability to innovate.

Degree in Materials Science/ Chemistry/ Chemical Engineer/ Electrochemistry or similar is required. Experience in materials for energy, graphene materials, physicochemical and electrochemical characterization and computational simulation is desirable.

Fluent English is mandatory.

We offer: One year contract. Joining a team of highly qualified and motivated researchers working in the frontiers of knowledge in science and technology.

A salary commensurate with the characteristics of the candidate

Incorporation: The candidates should be available for starting in January 2022.

Workplace: Barcelona (IREC facilities)

Applicants should send a detailed CV and a motivation letter to Nina M. Carretero, ncarretero@irec.cat. irecjobs@irec.cat Please indicate the reference "Ref.74/2021 LESGO PhD" in your mail