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Code:

Project: FEM IoT

Area leader: Prof. Joan Ramon Morante

Group: Nanoionics and Fuel Cells

Group leader: ICREA Prof. Albert Tarancón Rubio

Researcher in Energy Devices for IoT

The Group Leader of Nanoionics and Fuel Cells is seeking a researcher to work in a Catalan project (“Emergents” call) devoted to the development of breakthrough concepts for energy harvesting and storage.

Description: We are interested in a researcher with experience in materials science, especially in thin films of ionic conducting materials. The role of the researcher in the project will consist on the development and characterization of new devices for energy storage and their integration in microelectronics technology. Deep knowledge in Materials Science and Electrochemistry is required.

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/ Physics/ Electrochemistry or similar is required. Experience in materials for energy (especially in thin-film energy storage devices), electrochemical characterization and micro-fabrication is desirable.

Fluent English is mandatory.

We offer: One year contract with possibility of extension to three years more. 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 December 2021

Workplace: Barcelona (IREC facilities)

Applicants should send a detailed CV and a motivation letter to Alex Morata, amorata@irec.cat. Please indicate the reference “**FEM IoT**” in your mail.