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Ref. 58/2022

Code:

Project: BrainEN

Area: Advanced Materials for Energy

Area leader: Prof. Joan Ramon Morante

Group: Energy Storage, Harvesting and Catalysis

Group leader: Prof. Joan Ramon Morante

R2 or R1 Researcher position

The Energy Storage group of IREC announces two positions as postdoctoral or predoctoral researchers depending on the candidates to work on an industrial project for the optimization of redox flow batteries, including vanadium and aqueous organic chemistries. The candidates will carry out activities related with the preparation of electrodes and electrolytes, their implementation on cells and stacks, and their evaluation under relevant conditions. The candidates will also be involved in the optimization of electrodes and on their physicochemical and electrochemical characterization.

Requisites: the candidates must have a Doctorate degree in Chemistry, Physics, Material Science or equivalent, and demonstrable previous research experience in energy storage (batteries, in particular redox flow batteries), with strong focus on electrolyte formulation, assessment of electrodes and membranes. Good verbal and written communication skills in English are required.

Interested candidates should send a detailed CV and motivation letter to irecjobs@irec.cat (with a copy to Prof. Joan Ramon Morante, e-mail: jrmorante@irec.cat and Dr. Sebastian Murcia, e-mail: smurcia@irec.cat), indicating “**Ref. 66/2022 BrainEN project**” in the subject.

Additional information:

- Deadline for applications: 19th August 2022:
- Duration of the contract: 12 months

Salaries will be paid in accordance with the IREC's salary policy, depending on the candidate's qualification and professional experience.

The recruitment process will follow the guidelines of the European Charter of Researchers.