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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

R1 project researcher on electrode and battery cell characterisation

The energy storage and harvesting group announces a new R1 position to work in the framework of Li-ion and solid-state batteries. The candidate will conduct physico-chemical characterization of electrode materials and solid electrolytes, fabricate composite electrodes, electrochemical testing at various battery cell levels, and battery cell degradation with post-mortem analyses. The candidate will also join BATTECH activities, including high-temperature battery cell characterisation using the climate chamber available at IREC.

We are looking for an excellent and highly motivated candidate with a degree in Physics, chemistry or similar. Previous experience in Li-ion battery assembly and characterisation will be valued positively. In addition to the laboratory work described above, the candidate will summarise results in reports and interact with senior researchers for activities monitoring. Ideally, the candidate should be a team worker, fluent in English and have the initiative in task development.

Job position requirements as stated by the INVESTIGO funding opportunity:

- Young people between 18 to 29 years old.
- Not having worked at IREC in the last six months before the start of the contract.
- Registered as job seekers with the public employment service.

What we offer:

We offer a 2-year contract with a salary corresponding to the R1.6 category as stated in the professional career plan of IREC.



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How to Apply?

Applicants should send a detailed CV to ireciobs@irec.cat and jjacas@irec.cat (Jordi Jacas). Please indicate the reference “**Ref. 75/2022 INVESTIGO ESEH batteries**” in your email.