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Ref. 17/2022

Code:

Project: GENIUS

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems

Group leader: Dr. Jose Luis Domínguez García

TITLE: Junior Engineer/Early Stage Researcher in the field of Battery Systems testing

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as Junior Engineer / Early Stage Researcher to work on the Genius project under the Líneas Estratégicas Programme in the field of Battery systems. The tasks to be carried out will be focused to modelling and testing battery systems for development of innovative control algorithms.

Qualifications and experience required:

Essential:

- Bachelor or Master in Industrial Engineering, Industrial Electronics and Automatic Control or Electronics. *Last year students may also be considered*
- Experience on modelling and algorithm development
- Design of controllers and simulations of systems
- Hands-on experience with laboratory work

Preferred:

- Experience in programming.
- Knowledge of communications systems.
- Knowledge of state estimation algorithms
- Experience on battery systems

Language required:

Fluent in English. (knowledge of Spanish and/or Catalan is a plus)

Personal Skills:

- Team Worker
- Initiative in Research and Innovation
- Flexibility
- Results-oriented
- Analytical and synthesis capabilities

What we offer:



Shaping Energy for a Sustainable Future

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

Starting Date:

The expected starting Date will be the sooner the better, but the candidate is expected to start in **July 2022 the latest** (However, other dates could be agreed)

How to apply:

Send applications by email directly to HR office (irecjobs@irec.cat) including CV, academic and professional records, and motivation letter.

Please, be aware that the evaluation will be done in a continuous manner, and the position will close as soon as a candidate is selected.

Please indicate **"Ref.17/2022"** in the subject
