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Deadline for application: December/2026

Ref. 26/067

Project: REBORN

Area: 210

Group: PS

Group leader: Jose Luis Dominguez

PI: Lluís Trilla

‘R2 – Researcher in the field of mechanical and thermal engineering for Energy Storage Systems’

Description: Power Systems group announces a position as PostDoc Researcher (R2) to work on different technical research projects in the fields of Digital Twin (DT) design and thermal control and management of experimental energy storage systems. The tasks to be carried out will be focused on development and testing of battery packs to operate in the energy system and electric vehicles. Additionally, experimental activities and set ups within IREC’s lab facilities are expected.

Qualifications and experience required:

Essential:

- Bachelor or Master on industrial engineering or similar
- PhD on energy storage system
- Experience in DT design and simulation
- Knowledge on energy storage systems

Preferred:

- Skills in DT design and data transfer processes
- Knowledge on thermal modelling and simulation
- Interest on battery systems and fuel cells
- Capacity to work on prototype development

Personal skills:

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

Required documents:

Applicants must submit the following documents by email to irecjobs@irec.cat; jldominguez@irec.cat and lltrilla@irec.cat

Reference:

- Curriculum Vitae, specifying the completed degree and any relevant professional experience.
- Motivation letter.

Offer of job position:

We offer a R2 position on the frame of REBORN European project.

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

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