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Deadline for application: July, 2024

Ref. 24/073

Project: DOMEHUB

Area: EiEP

Group: Power Systems

Group leader: Jose Luis Domínguez-García

PI: Lluís Trilla

‘Junior Engineer (R1) in Electronics Engineering for Energy Storage and Power Electronics’

Description:

Power Systems group announces a position as Junior Engineer (R1) to work on different technical research projects in the fields of electronic component design, programming and power management of Energy Storage Systems in Smart Grids. The tasks to be carried out will be focused to development and programming of electronic PCBs and power conversion systems to increase smart grid intelligence and controllability. Additionally, experimental activities and set ups within IREC’s lab facilities are expected.

Qualifications and experience required:

Essential:

- Bachelor or Master’s in Electronics engineering, Industrial engineering, or other related degrees.
- Knowledge and interest in common programming languages
- Interest on power electronics design and development
- Knowledge and experience electronic component design

Preferred (not all):

- Knowledge in energy storage, electric vehicle or smart grids
- Experience in work in collaborative projects.
- Good communications skills in English are mandatory.
- Knowledge of Spanish and/or Catalan will be beneficial.

Personal skills:

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

Required documents:

Applicants must submit the following documents by email directly to Dr. Jose Luis Domínguez (jl Dominguez@irec.cat), Dr. Lluís Trilla (lltrilla@irec.cat) and Human Resources office (irecjobs@irec.cat)

Reference:

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

Offer of job position:

We offer a position for 12 months on the frame of DOMEHUB industrial project, with potential extension.

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