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Code:

Project: HiFV

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 Hybridization of solar PV and Hydrogen

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as Junior Engineer / Early Stage Researcher to work on the HiFV project funded by ACCIO under the INNOTEC programme, in the field of innovative integration systems for Hybrid solar PV systems for Hydrogen Production (including Power Electronics evaluation and design, communication with SCADA system, among others). The tasks to be carried out will include simulation, modelling and experimental testing of small prototypes.

Qualifications and experience required:

Essential:

- Bachelor or Master in Industrial Engineering, Industrial Electronics and Automatic Control, Electronics, engineering or similar.
- Design or operation of power converters
- Experience in electronics modeling and simulation software
- Hands-on experience with power electronics is a must

Preferred:

- Experience with communications and automation systems.
- Experience with control boards design and programming
- Experience with HIL systems
- Knowledge on Matlab and Altium.

Language required:

Knowledge of Spanish and/or Catalan is a mandatory. English is a plus

Personal Skills:

- Team Worker
- Initiative in Research and Innovation
- Flexibility
- Results-oriented

- Analytical and synthesis capabilities

What we offer:

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

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.