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Code:

Project: SENSOCEAN

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems

Group leader: Dr. Jose Luis Domínguez García

TITLE: Project Engineer / Early Stage Researcher on the field of Communications and Energy Control for floating buoys

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as Project Engineer / Early stage researcher to work on the SENSOCEAN project related to energy storage, energy management, communications and electronics. This project is funded by ACCIO under the Nuclis R+D call.

Qualifications and experience required:

Essential:

- Bachelor or Master in Electrical Engineering or Industrial Electronics.
- Knowledge or experience on energy storage systems.
- Experience on design and testing electrical circuits.
- Hands-on experience on laboratory

Preferred:

- Interested in research.
- Experience in electronics and PCB design.
- Experience in programming in Python and/or other languages.
- Experience in communications i.e. RS-232, RS-485, CAN, MQTT, Modbus.
- Knowledge regarding industrial electronic systems like SBC and dataloggers.
- Knowledge regarding docker and software development.
- Capacity to lead and work autonomously.

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:

We offer fix-term position, with potential extension. Salaries will be paid according IREC salary tables.

Starting Date:

The expected starting Date will be the sooner the better, but the candidate is expected to start in **Summer 2023, 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.