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Deadline for application: July, 2024

Ref. 24/075

Project: SENSEOCEAN

Area: EiEP

Group: Power Systems

Group leader: Jose Luis Domínguez-García

PI: Jose Luis Domínguez-García

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

Description:

The Power Systems Group announces the opening of a position as Project Engineer / Early stage researcher to work on the SENSEOCEAN 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 Telecommunication Engineering, Electrical Engineering, Industrial Electronics or related.
- Knowledge in communications (especially, wireless and/or satellite).
- Experience in programming and cloud systems.
- Hands-on experience on laboratory

Preferred (not all):

- 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 work autonomously.
- 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

Required documents:

Applicants must submit the following documents by email directly to Dr. Jose Luis Domínguez (jldominguez@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 9 months on the frame of SENSOCEAN 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.