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Ref. 47/2022

Code:

Project:

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems

Group leader: Dr. Jose Luis Domínguez García

TITLE: R1 Research Engineer on Floating offshore wind technologies

JOB DESCRIPTION

The Power Systems Group announces a new opening as Research Engineer to work in the field of Offshore Floating Wind energy funded by the Spanish Ministry under the INVESTIGO programme. The tasks to be carried out will be focused to the development of the dynamic models, floater models, station keeping system systems as well as anchors and dynamic cables.

Qualifications and experience required:

Essential:

- Bachelor or Master in Industrial engineering, civil engineering or similar.
- Experience with offshore wind energy technologies
- Knowledge in electrical engineering, monitoring, maintenance or similar is required.

Preferred:

- Experience in loads analysis, motions and energy estimation.
- Good programming skills specially Python
- Experience in modeling of offshore wind and floating.
- Knowledge on tools as ORCAFLEX, OpenFAST,
- Experience in work in international environment will be valued.

Language required:

Fluent in Spanish and English.

Personal Skills:

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



Shaping Energy for a Sustainable Future

What we offer:

We offer fix-term position, with potential extension. Salaries will be paid according INVESTIGO programme.

Starting Date:

The expected starting Date will be the sooner the better, but the candidate is expected to start in **September 2022** (However, other dates could be agreed)

How to apply:

Send applications by email directly to HR office (irecjobs@irec.cat) and Dr. Jose Luis Domínguez (jldominguez@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.

Please indicate **“Ref.47/2022”** in the subject
