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Code:

Project: Digital Twins

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems

Group leader: Dr. Jose Luis Domínguez García

TITLE: Project Engineer/Researcher on Digital Twins for Renewable Energy Sources

JOB DESCRIPTION

The Power Systems Group announces a new opening as Research Engineer to work on several projects in the field of Digital Twins for renewable energy sources development (specially, solar PV and Floating Wind). This position include the development of the algorithms, models, tools and platforms for operation and management of generation plants..

Qualifications and experience required:

Essential:

- Bachelor or Master in electrical engineering or related.
- Knowledge in renewable energy modelling
- Knowledge in automation and control
- Good use of Python and Matlab
- Knowledge of Machine Learning

Preferred:

- Knowledge in Sensors, data processing and communication.
- Knowledge in LORA
- Knowledge in docker and online platforms
- Experience in work in collaborative projects.

Language required:

Fluent in Spanish. English desirable

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

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 Francesc Torregrosa (irecjobs@irec.cat) including CV, academic and professional records and motivation letter