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Ref. 65/2022

Code:

Project: INVESTIGO AGAUR

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems

Group leader: Dr. Jose Luis Domínguez García

TITLE: Researcher in the field of Communications and Cybersecurity of Smart Grids

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as Researcher to work on different technical research projects in the fields of Communications and Cybersecurity of Smart Grids. The tasks to be carried out will be focused to development and programming of tools to increase smart grid resilience to cyber-attacks. This position is funded by the Spanish Ministry and Generalitat de Catalunya (AGAUR) under the INVESTIGO programme. Additionally, experimental activities and set ups within IREC's lab facilities are expected.

Qualifications and experience required:

Essential:

- Bachelor or Master in Industrial Electronics and Automatic Control, Telecommunications engineering, Computer Science or similar.
- Experience with control boards design and programming
- Experience in programming e.g. Python, C++,....
- Experience with communications and automation systems.

Other expertise (not mandatory):

- Experience in participation in collaborative projects.
- Knowledge on optimization.
- Experience on Cybersecurity.
- Experience on distributed ledgers.
- Knowledge on GIT
- Experience in setup converters, smart meters and other hardware devices on smart grids

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 (24 months), with potential extension. Salaries will be paid according INVESTIGO programme.

How to apply:

Send applications by email directly to HR office (irecijobs@irec.cat) and Jose Luis Domínguez (jldominguez@irec.cat) including CV, academic and professional records, and motivation letter.

Please indicate “**Ref.65/2022**” in the subject