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Code:

Project: SDN microsense

Area: Energy Efficiency in Systems, Buildings and Communities Area

Area leader:

Group: Power Systems Group

Group leader: D. José Luis Domínguez García

Researcher (R1) in the field of Communications and Cybersecurity of Smart Grids

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 related to the H2020 SDN microsense project. 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.
- 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:

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

How to apply:

Send applications by email directly to Dr. Jose Luis Domínguez (jldominguez@irec.cat) and Human resources office (irecjobs@irec.cat) including CV, academic and professional records and transcripts and motivation letter