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Area: Electric Engineering
Head of the Area:
Group: Power Systems
Head of Group: José Luís Domínguez García

TITLE: Established Researcher in the field of Grid Integration of RES

JOB DESCRIPTION

The Power Systems Group announces the opening of a permanent position as Established Researcher to work on different technical research projects in the fields of grid integration of renewable energies. The tasks to be carried out will be focused to the modelling, optimization and control of RES and electrical networks. Additionally, tasks related to operation and management of transmission and distribution networks are foreseen.

The professional is expected to actively participate in the IREC Energy SmartLab Team.

Qualifications and experience required:

Essential:

- PhD in Electrical Engineer
- Master and Bachelor in Industrial Electronics and Automatic Control, Electronics, Telecommunication, electrical engineering or similar.
- More than 4 years as PostDoc in a research institute.
- Experience in research industrial and competitive projects.
- Demonstrable responsibility on European project tasks as well as industrial contracts.
- Deep knowledge on grid integration and optimization.
- Experience in model validation and preparation with real data.
- Expertise in wind turbine and wind farm modelling and control.
- Relevant publications in the field of renewable energy and grid integration.
- Experience in distribution grid resilience.
- Experience in cost assessment for renewable energy sources (e.g. wind and PV).

Desired:

- Experience in competitive project proposal preparation.
- Experience in supervising Ms and PhD students.
- Experience in programming.

Language required:

Fluent in English.

Personal Skills:

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

Proposed Jury:

Presidència	Titular	José Luís Domínguez
Vocal 1	Titular	Oriol Gomis-Bellmunt
Vocal 2	Titular	Manel Sanmartí