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NºRef. 47/2019

PostDoctoral Researcher in the field of Grid Integration of Power Electronics

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as PostDoctora Researcher to work on different technical research projects in the fields of grid integration of renewable energies and power electronics. 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 or more than 5 years of experience in research.
- Master and Bachelor in electrical engineering and power systems.
- Experience in research industrial and/or competitive projects.
- Expertise in power electronics modelling and control.
- Relevant publications in the field of renewable energy and grid integration.
- Experience in electrical grid modelling and control specially AC-DC grids.

Desired:

- Experience in competitive project proposal preparation.
- Experience in supervising students.
- Experience abroad (industrial and university environments).

Language required:

- Fluent in English and knowledge of Spanish.

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 HR office (irecjobs@irec.cat) indicate in the subject "**R2 Pre-Consolidated Position (Nº Ref.47/2019)**", including CV, academic and professional records and motivation letter.