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Proposal for the Assignment of the Researcher in the field of Power Electronics (NºRef.102020)

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TITLE: Researcher in the field of Power Electronics

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 Power Electronics. The tasks to be carried out will be focused to model, control and development of Power Converters. Additionally, experimental activities with power converters including design and implementation of experimental set ups with IREC's lab facilities are expected.

Qualifications and experience required:

Essential:

- Bachelor or Master in Industrial Electronics and Automatic Control, Electronics, Telecommunications engineering or similar.
- Experience with control boards design and programming
- Knowledge regarding industrial electronic systems
- Design or operation of power converters
- Experience in electronics modeling and simulation software
- Hands-on experience with power electronics is a must

Preferred:

- PhD or more than 5 years of experience in research related to Power Electronics.
- Experience in competitive project proposal preparation.
- Experience in programming.
- Experience with communications and automation systems.

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

Please, be aware that the evaluation will be done in a continuous manner, and the position will close as soon as a candidate is selected.