

Publish date: March 6th 2024

Deadline for application:

Ref. 2023/47

Project: INTELLIGENT

Area: EiEP

Group: Power Systems

Group leader: Jose Luis Domínguez-García

PI: Lluís Trilla

‘R2 – Senior Researcher/ PostDoc in the field of Advanced Modelling of Energy Storage Systems’

Description: The Power Systems Group announces the opening of a position as Senior Engineer / PostDoc to work on the European funded IntelLiGent project under the Horizon Europe Programme in the field of advanced mathematical modelling and estimation algorithms. The tasks to be carried out will be focused applying advanced modelling techniques for batteries and develop algorithms for state estimation

Qualifications and experience required:

Essential:

- Bachelor or Master in Mathematics or Control Engineering
- Knowledge on modelling strategies physics or chemistry based
- Knowledge on data driven based model
- Experience in programming
- Experience Artificial Intelligence and Machine Learning algorithms

Preferred:

- Holding a PhD in related field
- Experience with mathematical models and control systems
- Experience with laboratory work
- Knowledge on chemistry or battery systems
- Capacity to lead and work autonomously

Personal skills:

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

Required documents:

Applicants must submit the following documents by email to irecjobs@irec.cat; jldominguez@irec.cat and lltrilla@irec.cat Indicated in the subject **Ref.2024/47**

Reference:

- Curriculum Vitae, specifying the completed degree and any relevant professional experience.
- Motivation letter.

Offer of job position:

We offer a R2 position for 18 months on the frame of INTELLIGENT European project.

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

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