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Code:

Project:

Area: Advanced Materials for Energy

Area leader: Prof. Joan Ramon Morante

Group: Energy Storage, Harvesting and Catalysis

Group leader: Prof. Joan Ramon Morante

Position: Technician for the battery activities at IREC

IREC The Catalonia Institute for Energy Research (IREC) is a publicly funded institution of approximately 120 people created in 2008 based in Barcelona and Tarragona that conducts research and promotes innovation over a wide range of energy related science and technology fields. The job opportunity herein presented is located in Barcelona (<https://www.irec.cat>).

Description: We are looking for a technician able to cover the practical arrangement of the battery activities in the Energy Storage, Harvesting and Catalysis group at IREC. The candidate will take care of the equipment, methodologies, techniques formations and services concerning batteries. Therefore, the candidate will mainly be involved in the following activities:

- 1) Organizational aspects and safety inside the battery lab.
- 2) Equipment maintenance including glove box and climate chamber.
- 3) Formation tasks of the users.
- 4) Maintenance and user organization for the various potentiostats and battery cyclers available in the battery lab.
- 5) Supervise the proper operation of the different battery manufacturing equipment including coating line, calendaring machine, coin cell punching, etc...
- 6) New facilities project management capacity.
- 7) Opportunity to get involved into the characterization and electrochemical testing of different electrode materials for Li-ion, Li-S or solid-state batteries depending on projects activities.

Requirements:

- Degree in Chemistry, Chemical Engineering, Materials Science or Physics.
- Professional who is highly skilled in planning and organizing. Experience in resources organization and user's relationship as well as budget management will be positively evaluated.
- Capacity to work in a team, high flexibility, initiative and ability to innovate.
- Proven experience in battery equipment management will be positively evaluated.



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- A Master degree in electrochemistry, material science or similar will be positively evaluated.

If interested, please contact Dr. Jordi Jacas Biendicho via email: jjacas@irec.cat and irecjobs@irec.cat by sending your CV and stating your interest. Please indicate **“Ref.16/2022”** in the subject