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**Ref. 2024/64**

**Area**: Advanced Materials for Energy

**Group**: Advanced Materials for Energy

**Group leader**: Prof. Joan Ramon Morante

**Technician for the general facilities & services Laboratory of IREC**

IREC is looking for an Interim Technician for the general facilities & services Laboratory of IREC to fill the job for the duration of its selection process in accordance with the regulations of the public sector for its indefinite coverage. The professional will be responsible practical arrangement of the general facilities and services laboratory of IREC taking care of the equipment’s, methodologies, techniques trainings and services concerning mainly to the chemical-physics characterization and analysis. Likewise, will give support for new facilities, installations, and spaces of the institute. Therefore, the candidate will mainly be involved in the following activities:

1. Organizational aspects and safety inside the lab.
2. Formative tasks of the users.
3. Equipment’s use, training and maintenance of the assigned facilities: XRD, SEM, Physisorption, Chemisorption, TG-DSC, AFM, FT-IR, HPLC, UV-Vis, LS, Furnaces…among other. Updates of the measurement procedures and working protocols. Upgrading and development of experimental methods and setups.
4. Gas lines and liquid Nitrogen management
5. Laboratory residues management

Especially, the candidate will take care of the chemical physics characterization and analysis equipment’s and procedures.

**Requirements:**

* Degree in Chemistry, Chemical Engineering, Materials Science or Physics. A PhD will be positively evaluated.
* Expertise in the analytical techniques of the previously described equipments.
* 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.
* Proved experience in managing research infrastructures is mandatory.
* Proved capability in developing experimental setups. Capacity to code and automate setups will be appreciated.
* Experience in writing and evaluating public tenders.
* Experience in managing laboratory residues, according to regional directives.
* PRL and Radiological Protection courses will be positively evaluated.
* Computer aided design tools knowledge will be appreciated.
* Experience and interest in scientific dissemination will be appreciated.
* Fluent English, Catalan and Spanish are essential.

**Required documents**:

Applicants must submit the following documents by email to [irecjobs@irec.cat](mailto:irecjobs@irec.cat). Indicate in the object **Ref.2024/64.**

**Reference**:

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

**Offer of job position**:

We offer a **TL-3.2** position for for the duration of its selection process in accordance with the regulations of the public sector for its indefinite coverage.

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