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**Area Advanced Materials for Energy**

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

**Position:** Technician for the general facilities & services Laboratory and new installations of IREC

**Description:**

We are looking for a technician able to cover the practical arrangement of the general facilities and services laboratory of IREC taking care of the equipment's, methodologies, techniques formations and services concerning mainly to the chemical-physics characterization and analysis. Likewise, needed support requirements for new facilities, installations and spaces of the institute must be also cover. Therefore, the candidate will mainly be involved in the following activities:

- i) Organizational aspects and safety inside the lab
- ii) Formative tasks of the users
- iii) Equipment's and tools maintenance of the assigned facilities: XRD, SEM, TEM, BET, Chemisorption, FT-IR, DRIFT, ATR,GC, HPLC, UV-Vi,...among other. Updates of the measurement procedures and working protocols. Upgrading and development of experimental setups.
- iv) CAD and similar tools knowledge for new installations and facilities.
- v) New facilities project management capacity

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
- 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 innovation will be positively evaluated
- Proved experience in managing research infrastructures is mandatory
- Proved capability in developing experimental setups including required installations. Capacity of the candidate to code and automate setups in Matlab and Labview will be appreciated
- Computer aided design tools knowledge.
- Fluent English, Catalan and Spanish are essential

**Proposed Jury:**

President	Titular	Jaume Marfa
Vocal 1	Titular	J.R.Morante
Vocal 2	Titular	Christian Fabrega

More information about the selection process in:

**CALL AND REGULATORY BASES OF THE SELECTION PROCESS BY COMPETITION FOR THE RECRUITMENT OF LABOR PERSONNEL 2021/ CONVOCATÒRIA I BASES REGULADORES DEL PROCÉS DE SELECCIÓ PER A LA CONTRACTACIÓ DE PERSONAL LABORAL 2021**