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Area: Advanced Materials for Energy Applications
Head of the Area: Prof. Joan Ramon Morante

Title: Technician for the general facilities and services Laboratory 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 equipments, methodologies and services concerning mainly to the chemical physics characterization and analysis. 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: 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.

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. Capacity of the candidate to code and automate setups in Matlab and Labview will be appreciated.
- Fluent English, Catalan and Spanish are essential

Proposed Jury:

Presidència	Titular	Teresa Andreu
Vocal 1	Titular	Edgardo Saucedo
Vocal 2	Titular	Pilar Rámirez de la Piscina