

Area: Advanced Materials for Energy Applications
Head of the Area: Prof. Joan Ramon Morante
Group: Solar Energy Materials and Systems, SEMS
Head of Group: Prof. Alejandro Pérez-Rodríguez

The group of Solar Energy Materials and Systems (SEMS) from the area of Advanced Materials for Energy announces a **Laboratory Technician** position (TL2 level) available for a highly motivated candidate to work in the Coordination and Management of the equipment and tools available at the SEMS group Laboratory, supporting the research lines active in the group in the development of thin film chalcogenide photovoltaic technologies.

Activities: The candidate will carry out a multidisciplinary activity with the final aim of coordinating the management of the equipment and research tools available at the SEMS group, including the maintenance, technical support and management of the equipment, the coordination of the organizational aspects and safety inside the lab, the development of formative tasks for the users and the control of the regime of utilisation of the equipment, the update and development of experimental setups and the update of the measurement procedures and working protocols.

Tasks involved in the position include: coordination of the Electrochemical Workshop and equipment in the SEMS Laboratory, including DC, DC-pulsed and RF sputtering as well as thermal and e-beam evaporation systems, conventional and rapid thermal annealing furnaces, demonstrated experience in chemical and electrochemical processes for thin film photovoltaic inorganic technologies and fundamental characterization of materials (XRD, SEM, Raman, AFM, XRF, etc)

Requirements: Candidate must have a PhD degree in Chemistry, Physics, Material/Electronics Engineering or equivalent. Previous demonstrated experience as Laboratory Technician and in research activities related to Thin Film Chalcogenides Photovoltaic technologies will be very well evaluated.

Additional information:

- CV, personal references and a motivation letter have to be sent to Prof. Alejandro Pérez-Rodríguez to aperez@irec.cat before October 8th
- Duration of the contract: Interim
- Deadline: October 8th Starting date: October 23rd

Further information can be directly obtained from: Prof. Alejandro Pérez-Rodríguez (aperez@irec.cat).