

**Publish date November 23th 2020**

**Ref. 51/2020**

**Code:**

**Project: MasterPV**

**Area: Advanced Materials for Energy**

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

**Group: Solar Energy Materials and Systems, SEMS**

**Group leader: Prof. Alejandro Pérez Rodríguez**

The Solar Energy Materials and Systems group, belonging to the Advanced Materials for Energy area, is announcing an early stage researcher position, in the framework of the MasterPV Project, in the research line of:

### **ADVANCED CHARACTERISATION OF THIN FILM CHALCOGENIDE SOLAR CELLS ON TRANSPARENT CONTACTS**

The candidate will carry out a multidisciplinary scientific activity centred on the advanced characterization of chalcogenide solar cells on transparent back contacts. The candidate will work in the frame of the MasterPV project, and will be at the forefront of the photovoltaic device fabrication/characterization, with a strong interaction with the partners involved in the project for the development of high quality chalcogenide absorbers on optimized transparent back contacts. Previous experience in advanced optical, vibrational and optoelectronic characterization of chalcogenide solar cells will be very well evaluated.

**Requisites:** the candidates must have Bachelor and Master degree in Physics, Chemistry, Electronic Engineering, Materials Engineering or equivalent, before the incorporation date. Previous demonstrated experience on the advanced Photoluminescence, Raman scattering and optoelectronic characterization of thin film chalcogenide PV devices will be very well evaluated.

**Candidacy:** send the CV, Bachelor and Master degrees/records to Dr. Marcel Placidi ([mplacidi@irec.cat](mailto:mplacidi@irec.cat)) (with copy to Prof. Alejandro Pérez-Rodríguez, e-mail [aperezr@irec.cat](mailto:aperezr@irec.cat)) indicating Ref. 51/2020 in the subject of the e-mail.

**Deadline:** December, 13<sup>th</sup> 2020

**Starting date:** 1<sup>st</sup> January 2021

**Contract duration:** 7 months

For additional information please contact Dr. Marcel Placidi ([mplacidi@irec.cat](mailto:mplacidi@irec.cat)) or Prof. Alejandro Pérez-Rodríguez ([aperezr@irec.cat](mailto:aperezr@irec.cat))