



The supervisory board of the Kestcells Project announces the Seminar IREC-07:

**“Characterization techniques for chalcogenide thin film solar cells”**

**Dates:** Friday 20 of February, 2015.

**Place:** IREC, Jardins de les dones de negre 1, Sant Adrià del Besòs-Barcelona, Spain

**Summary:** This seminar will give a review on characterization techniques suited for investigating the structural, electronic and optical properties of chalcogenide solar cells. We will review some of the basic characterization techniques used for semiconducting thin films and will introduce some more advanced, specialised techniques such as hard X-ray photoelectron spectroscopy or atomic probe microscopy. On focus will be on the possible in situ applications of some of the characterization techniques to enhance growth and process control.

**Program**

Time	Subject	Speaker
10:00-10:15	Introduction	Dr. E. Saucedo (IREC)
10:15-11:30	Characterization techniques for chalcogenide thin film solar cells	Dr. Paul Pistor (IREC)
11:30-11:45	Conclusions	Dr. E. Saucedo and Dr. Paul Pistor (IREC)