



The supervisory board of the Kestcells Project announces the Seminar IREC-01:

“Kesterites: an overview”

Dates: 10th of July, 2013.

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

Summary: An introduction to $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ materials will be done based in the available literature on this material. The compositional, structural, morphological and electronic properties will be reviewed, and the impact on the devices characteristics described.

Program

Time	Subject	Speaker
10:00-10:15	Introduction	M. Placidi
10:15-11:15	Structural properties of kesterites: tetragonal distortion, dependence with composition, disorder	E. Saucedo
11:15-11:30	Break	
11:30-12:30	Morphological properties of kesterites: grains and grain boundaries properties	M. Placidi
12:30-13:30	Electronic properties of kesterites: band structure and point defects	E. Saucedo/M. Placidi
13:30-13:45	Conclusions	E. Saucedo