



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

“Principles of basic characterization of solar cells”

Dates: 8th to 10th of May, 2013; 15:30-19:30.

Place: Faculty of Science, Universidad Autónoma de Madrid, Madrid, Spain

Summary: The principles of solar cells characterization by I-V curves (dark and under illumination) and spectral response will be analyzed, and the parameters that can be obtained from such analysis will be discussed. Simulation of solar cells and solar panels and the variation of the most important parameters characterizing a solar cell will be performed with LTSpiceIV program.

Program

8th, May: Introduction (15:30 -17:30, José Manuel Merino) and I-V curves analysis (17:30-19:30, José Manuel Merino)

9th of May: Spectral response analysis (15:30-17:30, José Manuel Merino), Routine characterization techniques in industrial processes (17:30-19:30, Alejandro Braña de Cal)

10th of May: Simulation of solar cells and panels (15:30-19:30, José Manuel Merino)