

Projectos de I&D - PTDC/CTM-ENE/5125/2014

AltaLuz

ALTA EFICIÊNCIA EM CÉLULAS SOLARES TANDEM DE FILME FINO USANDO COMBINAÇÕES DE MATERIAIS E ESTRUTURAS NANOFOTÓNICAS DE CAPTAÇÃO DE LUZ

High Efficient Wafer-free Tandem Solar Cells via Combined Materials and NanoPhotonic Light Trapping



<http://sites.fct.unl.pt/altaluz/>

First-year Progress Meeting

Caparica, 29 June 2017

Program:

9h30-9h45 : Arrival and installation in meeting room

9h45-10h : Literature Overview

Latest advances in the topics of AltaLuz, *by Manuel Mendes*

10h-11h30 : Presentations of Team Members

10h-10h15 - Device modeling activities (Task 4), *by Antonio Joyce (LNEG)*

10h15-10h30 - Light Trapping simulation (Task 5), *by Manuel Mendes (CENIMAT-UNINOVA)*

10h30-10h45 – Light Trapping fabrication (Task 6), *by Olalla Sanchez-Sobrado (CENIMAT)*

10h45-11h - Perovskites top cell (Task 7), *by Maria João Brites (LNEG)*

11h-11h15 - Kesterites top cell (Task 8), *by Brito Correia (LNEG)*

11h15-11h30 – mc-Si:H bottom cell (Task 10), *by João Costa (UNINOVA-CENIMAT)*

11h30–11h45 : Overview of project results and deliverables, *by Manuel Mendes*

11h45–12h15 : Discussion of activities and planning of next year

12h30-13h30 : Lunch @ the restaurant Campus.Come (FCT-UNL)

Campus da Caparica, FCT-UNL