

## 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/>

## Second-year Progress Meeting

Caparica, 17 May 2018

### Program:

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

### **9h45-10h : Introduction and latest news**

Overview of main recent scientific breakthroughs related with 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 Filipe Neves (LNEG)*

**11h15-11h30** – Thin film Si bottom cell (Task 10), *by Tiago Mateus (CENIMAT-UNINOVA)*

**11h30-11h45** – Intermediate layer (Task 11), *by Maria João Brites (LNEG)*

**11h45–12h : Overview of project results and deliverables**, *by Manuel Mendes*

**12h–12h30 : Discussion of activities and planning of next year (mainly T12)**

12h45-13h45 : Lunch @ the restaurant Campus.Come (FCT-UNL)

Campus da Caparica, FCT-UNL