



UNIVERSITAT POLITÈCNICA  
DE CATALUNYA

## **PROJECT DESCRIPTION**

Renewable energy

Project description: Renewable energy. Design, numerical simulation and optimization of low temperature solar energy collectors for heating and high temperature (concentrated) solar energy for electric power generation (central tower receivers and parabolic trough collectors). Large scale heat storage using different technologies.

## **RESPONSIBLE UPC RESEARCHER**

Prof. Asensi Oliva

## **UPC RESEARCHER CONTACT**

Prof. Asensi Oliva  
Department of Heat Engines

oliva@cttc.upc.edu  
<http://www.cttc.upc.edu>

## **TYPE OF RESEARCH COOPERATION ENVISIONED**

Students who just finished or are in the last year of their degree in physics, engineering, mathematics or computer science. Post-Doc students may also be considered.

## **FUNDING AND FACILITIES OFFERES**

Grants of 1000 euro / month plus medical insurance and traveling expenses.