



WORKSHOP ON CONCENTRATOR PHOTOVOLTAIC AND THERMAL SOLAR GENERATION

August 25 2011

Objectives

To look the state of the art about concentration solar generation by means of the PV-Photovoltaic and thermal technologies. Four keynote lectures will be presented by four specialists about successful design experiences as well as the challenges and perspectives to these innovative technologies in the world and Brazil.

Chaired by Professors Sergio Colle and Júlio Passos from UFSC

Graduate Program on Mechanical Engineering (Master and Doctorate)
Department of Mechanical Engineering
Federal University of Santa Catarina

Sponsor: ANEEL/ATE/FAPEU/UFSC

Organization: LEPTEN Laboratory of UFSC

ABENGOA

ANEEL

LEPTEN
LABORATÓRIO DE ENGENHARIA DE
CONCENTRAÇÃO E TECNOLOGIA DE ENERGIA

POSMEC

UFSC
Departamento de
Engenharia Mecânica

UFSC

PROGRAM

09:00 h

Welcome & Introduction

Júlio César Passos

(Graduate Program on Mechanical Engineering / UFSC)

LEPTEN / Professor of Mechanical Engineering Department - UFSC)

09:10 h

Presentation of the LEPTEN

Sergio Colle

(LEPTEN / Professor of Mechanical Engineering Department - UFSC)

09:30 h

ABENGOA Solar: HCPV technology and projects

Pedro Banda

(PV Business Development Director at Abengoa Solar / Madrid / Spain)

10:30 h

COFFEE BREAK

10:45 h

Experiences of ISFOC on concentration photovoltaic systems

Francisca Rubio

(Director of R&D of the ISFOC – Instituto de Sistemas Fotovoltaicos de Concentración – S.A. / Puertollano / Spain)

14:30 h

Solar Thermal Power: Technological options, current deployment and future challenges

Felix Tellez Sufrategui

(Researcher of CIEMAT - Centro de Investigaciones Energeticas, Medioambientales y Tecnológicas)

15:30 h

A New Concept in the Electronics Processing of the Photovoltaic Solar Energy

Denizar Cruz Martins