

SEMINAR PRESENTATION

The Seminar is organized by the National Centre for Studies and Research on Water and Energy (CNEREE) and the Moroccan Association of Thermal Sciences (AMT) with the partnership of the National Centre for Scientific and Technical Research (CNRST) and the collaboration of the Plataforma Solar de Almeria (PSA), Spain.

CONTEXT

Due to the increase of the national electricity demand, which is expected to double by 2020, a new energy strategy was stated in 2009. It includes the development of electricity production by means of concentrating solar plants and the implementation of energy efficiency in Buildings. Large-scale solar energy projects are initiated, which aim to generate 2'000MW by 2020. Since January 2010, a 470MW Integrated Solar Combined Cycle power plant is installed in Ain Beni Mathar, including 20MW of concentrating solar power plant. Another 500MW solar power plant is under consideration in Ouarzazate. On the other hand, a National Energy Code for Buildings is under consideration to provide technical requirements for the construction of energy-efficient buildings.

OBJECTIVES

The goal of the seminar is to provide a forum for the exposure and exchange of ideas in two main topics:

1. Concentrating Solar Power Plants.
2. Energy Efficiency in Buildings

The current situation of the National Solar Energy and the Energy Efficiency Programs will be overviewed and challenges will be discussed. Experiences of leading European Countries

(Germany, Spain and Greece) will be presented. Recommendations and concrete actions for R&D opportunities in Concentrating Solar Power Plants and Energy Efficiency in Buildings will be formulated during two workshops.

HONORARY COMMITTEE

- Ministre de l'Education National de l'Enseignement Supérieur, de la Formation des Cadres et de la Recherche Scientifique.
- Ministre de l'Energie, des Mines, de l'Eau et de l'Environnement.
- Président de l'Université Cadi Ayyad
- Directeur des Sciences, Ministère ENESFCRS.
- Directeur du Centre National de la Recherche Scientifique et Technique.
- Doyen de Faculté des Sciences Semlalia, Marrakech
- Directrice du Centre National d'Etude et de Recherche sur l'Eau et l'Energie.
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SCIENTIFIC COMMITTEE

Driss ZEJLI, *CNRST*, Coordinator
Brahim BENHAMOU, *FSS Marrakech*
Hassan CHEHOUANI, *FSTG Marrakech*
Abdeslam DRAOUI, *FST Tanger*
Abdelmajid EL BOUARDI, *FS Tetouan*
Ali IDLIMAM, *ENS Marrakech*
Ahmed MEZRHAB, *FS Oujda*
Abdelaziz MIMET, *FS Tetouan*

PRESENTATIONS

The language of the seminar will be mainly **English**. Arabic and French presentations are also accepted.

Keynote lectures will be given by renowned national and international specialists in the fields of Solar Concentrating Systems and Energy Efficiency in Buildings.

Contributed works, related to the two topics of the seminar, are welcome. Participants are asked to submit their Posters (1.20mx0.80m in *Portrait* format) directly to the president of the Scientific Committee (zejli@cnrst.ma). The selected posters will be exposed during the two days of the seminar.

Two workshops will be organized, one for each topic. These workshops will permit the participants to highlight the R&D opportunities and cooperation

REGISTRATION

Registration fees are as follows:

Researchers / Academicians: **1000Dh**

Students: **500Dh**

These fees cover the Seminar documents, Lunches and Coffee-Breaks.

Payment have to be made to the AMT Bank Account:

Bank : **BMCI, CASA IFRIQUIA**

IBAN: **01378001250 200340 001 06 48**

SCHEDULE OF DATES

Posters due: April 4, 2011

Acceptance: April 15, 2011

Registration deadline April 19, 2011

The seminar 26-28 April 2011

ACCOMMODATION

The Seminar attendees are advised to make their own hotel reservation.

ORGANIZING COMMITTEE

Brahim BENHAMOU, *Chair*
University of Cadi Ayyad, Marrakech

Laila MANDI, *CNEREE Director*
Fatima AITNOUH, *CNEREE Marrakech*
Rachid BENCHRIFA, *CNRST Rabat*
Abdelaziz BENNOUNA, *CNRST Rabat*
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Hassan HAMDI, *FS Semlalia Marrakech*
Aicha LGHORFI, *CNEREE Marrakech*
Driss ZEJLI, *CNRST Rabat*

SEMINAR SECRETARIAT

CSPP-EEB seminar

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NATIONAL CENTRE FOR STUDIES, RESEARCH ON WATER AND ENERGY

The National Centre for Studies and Research on Water and Energy (CNEREE) is affiliated to the University of Cadi Ayyad, Marrakech. It is devoted to R&D in both water and energy domains.

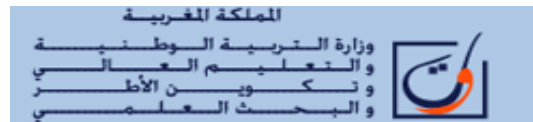
MOROCCAN ASSOCIATION OF THERMAL SCIENCES

The Moroccan Association of Thermal Sciences (<http://www.congres-amt.com/AMT.php>) was established in 2008. It is a national, professional, non-governmental and non-profit organization.

The general objective of the Association is to promote and foster national cooperation in Thermal Sciences and their applications. Its secretariat is located at the Faculty of Sciences and Techniques, University Hassan 1st, Settat.

SPONSORS

- Hassan II Academy of Science and Technology, Rabat.
- Ministry of National and Higher Education, Executive Training and Scientific Research, Rabat
- Ministry of Energy, Mines, Water and Environment, Rabat
- Morocco-German Bilateral Cooperation Program.
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Rabat
- Instituto Cervantes, Marrakech



Royaume du Maroc
Ministère de l'Énergie, des Mines, de l'Eau et de l'Environnement
Département de l'Énergie et des Mines



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Marrakech



National Centre for Studies, Research on
Water and Energy, CNEREE

&

Moroccan Association of Thermal
Sciences, AMT

with the partnership of

National Centre for Scientific and Technical
Research, CNRST

Organize

1st INTERNATIONAL SEMINAR

CSPP-EEB

Concentrating Solar Power Plants
& Energy Efficiency in Buildings:
R&D Opportunities

26-28 April 2011

Cadi Ayyad University, Marrakech

