



Solar Facilities for the European Research Area

# News #2 about **SFERA**

07.11.2011

## About the SFERA project

Europe is one of the leaders in research and development of **Concentrated Solar Power (CSP)**. In order to foster this leadership, the **EU-funded research project SFERA** (Solar Facilities for the European Research Area) has been launched in July 2009 (until June 2013). It gathers **12 partners** among the leading European research institutions in solar concentrating systems.

The project combines three activities:

**Networking**  
**Transnational access**  
**Joint Research**

<http://sfera.sollab.eu>

## NEWS & EVENTS

The **3<sup>rd</sup> SFERA School** at CIEMAT-PSA to be held in **2012** (date to be confirmed)

**NEXT CALL for SFERA TRANSNATIONAL ACCESS to CSP FACILITIES** from Nov 2011 to Feb 2012

**New Reports** on SFERA Technological/Scientific Advances

**Journal of Solar Energy Engineering - Special Edition on CSP – August 2011**



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Networking

**Networking** activities aim at the creation of a stable framework for co-operation in which resources are shared, common standards developed, duplication of research effort is avoided and interaction with European research, education and industry is encouraged.

## SFERA Winter/Summer Schools

### 1<sup>st</sup> School - 2010



SUMMER SCHOOL 2010  
CNRS-PROMES Font Romeu –  
Odello, France  
10<sup>th</sup> – 12<sup>th</sup> June 2010

Topic

**RADIATION IN SOLAR SYSTEMS**

### 2<sup>nd</sup> School - 2011



WINTER SCHOOL 2011  
ETH Zurich, SWITZERLAND  
24<sup>th</sup> – 25<sup>th</sup> March 2011

Topic

**SOLAR FUELS & MATERIALS**

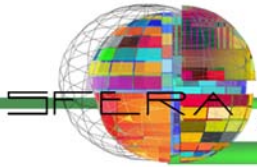
### 3<sup>rd</sup> school planned in 2012

CIEMAT-PSA, Almeria - SPAIN  
Date & Topic to be confirmed

## New Documents Available for Downloading

CSP Component Standardization in Europe  
SFERA presentations at SolarPACES 2010 & 2011  
Sollab Doctorial Colloquia

Should you wish to know more about these activities, please contact [contact-sfera@sollab.eu](mailto:contact-sfera@sollab.eu)



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Access to facilities

**Transnational Access** activities aim at opening the doors of the most relevant CSP R&D infrastructures to interested users, optimizing the use of the facilities and creating critical mass for new research initiatives.

The SFERA Partners: [CIEMAT](#), [CNRS](#), [PSI](#), [WEIZMANN](#) and [ENEA](#) are providing **free access to their high-flux solar research facilities**, unique in Europe and in the world. For more information on the possible research opportunities, please click [here](#). The 2010 and 2011 Access Campaigns have been a success with more than 65 project proposals submitted. Go and have a look at [the list of selected projects](#) for 2010 and 2011.

### NEXT CALL - SFERA Access 2012 campaign

- **November 2011 to March 2012:** call for proposals. Check [conditions for application](#)
- **March and April 2012:** Selection of the projects to be hosted
- **May to October 2012:** Hosting of the projects in the different facilities

#### SFERA User Proposal Forms

You can benefit from this **free access period** by submitting a project proposal to the SFERA Access Committee, as described [here](#). Moreover, please notice that all your personal expenses will be covered (travel, subsistence, accommodation).

Don't miss the chance of such an opportunity and get more information by contacting [access-sfera@sollab.eu](mailto:access-sfera@sollab.eu)






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Joint Research Activities

**Joint Research** activities aim at developing common standards and procedures for better consortium performance and development of advanced instrumentation and new RI thus improving the services offered to the user community.

### Last Reports on Technological/Scientific Advances in SFERA

- [3D Visualization tool in operation for Medium Size Solar Furnaces at PROMES-CNRS](#)
- [Optical model of concentrating systems offered to users](#) 
- [Solar Simulator Evaluation Report](#) 
- [Methodology to characterize various types of storage systems](#) 

Should you wish to know more about these activities, please contact [contact-sfera@sollab.eu](mailto:contact-sfera@sollab.eu)

#### SFERA Partners

*CIEMAT-Plataforma Solar de Almeria (Spain)*  
*DLR (Germany)*  
*PROMES-CNRS (France)*

*PSI (Switzerland)*  
*ETH (Switzerland)*  
*Weizmann (Israel)*

*ENEA (Italy)*  
*DIN (Germany)*  
*UPS (France)*

*AUNERGY (Spain)*  
*CEA-LITEN (France)*  
*INESC-ID (Portugal)*



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