



SFERA Networking

SUMMER SCHOOL 2012

**Hosted by PSA-CIEMAT
Almeria, SPAIN**

27 – 28 June 2012

Topic of the 3rd SFERA Summer School:

Solar Thermal Electricity Generation

Wednesday June 27th

08:30	Departure from hotel to PSA	
09:30	Visit to PSA facilities	PSA staff
12:00	Departure from PSA to Almeria - Hotel	
13:30 - 15:00	Lunch	
15:00 - 15:30	Registration and delivery of documentation	
15:30	Welcoming	CIEMAT-PSA
15:45 - 16:30	Basic principles of solar radiation and STE plants	Eduardo Zarza (CIEMAT-PSA)
16:30 - 17:00	Coffe break	
17:00 - 18:00	Solar resource assessment	Lourdes Ramirez (CIEMAT)
18:00 - 19:00	Solar resource forecasting	Marion Schroedter-Homscheidt (DLR)
19:00 - 20:00	STE plants with parabolic trough collectors	Loreto Valenzuela (CIEMAT-PSA)

Thursday June 28th

09:00 - 10:00	STE plants with central receiver	Felix Tellez (CIEMAT)
10:00 - 11:00	STE plants with Stirling dishes	Peter Heller (DLR)
11:00 - 11:30	Coffee break	
11:30 - 12:30	STE plants with Linear Fresnel concentrators	<u>Fabian Feldhoff</u> (DLR)
12:30 - 13:30	Thermal storage for STE plants	Markus Eck (DLR)
13-30 - 15:00	Lunch	

15:00 - 16:00	Commercial potential of STE plants	Eduardo García PROTERMOSOLAR
16:00 - 17:00	O&M experience	Industrial sector
17:00 - 17:30	Coffee break	
17:30 - 18:30	Direct steam generation with parabolic trough collectors	<u>Fabian Feldhoff</u> (DLR)
18:30 - 19:30	R+D activities in STE technologies	Eduardo Zarza (CIEMAT-PSA)
19:30	Summer School Adjournement	