

Week 1

	Tue, Nov 20	Wed, Nov 21	Thu, Nov 22	Fri, Nov 23	Sat, Nov 24
09:00-09:45	General introduction to CSP and CST technologies <i>Luca Turchetti (ENEA)</i>	Central Receivers <i>Costas Marakkos (Cyl)</i>	Thermal energy storage <i>Luca Turchetti (ENEA)</i>	Basics of CSP economics <i>Nestor Fylaktos (Cyl)</i>	Cultural Visit
09:45-10:30	Role of CST in the energy system of the future <i>Manuel Blanco (Cyl)</i>	Solar Energy Harvesting with Heliostats <i>Aristides Bonannos (Cyl)</i>			
10:30-11:00	<i>Coffee break</i>	<i>Coffee break</i>		<i>Coffee break</i>	
11:00-11:45	Solar Resource <i>Jeff Cumpston (RWTH)</i>	Linear Fresnel <i>Alaric Montenon (Cyl)</i>	Alternative applications for CST energy <i>Luca Turchetti (ENEA)</i>	Outlook on research and commercial projects/ future perspectives <i>Manuel Blanco (Cyl)</i>	
11:45-12:30		Solar Dishes <i>Michela Lanchi (ENEA)</i>			
12:30-13:30	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	
13:30-14:15	Parabolic Troughs <i>Cyril Caliot (CNRS)</i>	Power cycles for CSP plants <i>Eduardo Zarza Moya (CIEMAT)</i>	Activity: Solstice Tutorials(*) <i>Cyril Caliot (CNRS)</i>	Visit of LFR plant <i>Alaric Montenon (Cyl)</i>	
14:15-15:00					
15:00-15:30	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	Visit of Pentakomo facility <i>Marios Georgiou (Cyl)</i>	
15:30-16:15	Activity: Simulation of PT power plant with SAM(*) <i>Cyril Caliot (CNRS)</i>	Activity: Simulation of solar tower power plant with SAM(*) <i>Cyril Caliot (CNRS)</i>	Activity: Solstice Tutorials(*) <i>Cyril Caliot (CNRS)</i>		
16:15-17:00					

Lecture

Hands-on activity

Technical visit

Social Programme

(*) Requires a personal laptop

Week 2: Point-focusing systems + conference

	Mon, Nov 26	Tue, Nov 27	Wed, Nov 28	Thu, Nov 29	Fri, Nov 30	Sat, Dic 1
09:00-09:45	FluxTracer a new open-source High Performance	Upper-limits of the Light Collection and Concentration	High optical efficiency multi receiver solar tower systems	International Conference: The Decarbonisation of the Energy Sector in the Mediterranean and Middle East – The Role of CSP		
09:45-10:30	Computing software tool <i>Victor Grigoriev (Cyl)</i>	Subsystem of Solar Towers Systems <i>Manuel Blanco (Cyl)</i>	<i>Manuel Blanco (Cyl)</i>			
10:30-11:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>			
11:00-11:45	Shape-measurement of solar dish facets	Review of receiver technologies in solar tower power plant	Concentrating Optics and Heliostat Fields Modelling			
11:45-12:30	<i>Marco Montecchi (ENEA)</i>	<i>Cyril Caliot (CNRS)</i>	<i>Cyril Caliot (CNRS)</i>			
12:30-13:30	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>			
13:30-14:15	Presentations by school attendees: Session 1	Presentations by school attendees: Session 3	Wrap-up and school closing			
14:15-15:00			Final assessment			
15:00-15:30	<i>Coffee break</i>	<i>Coffee break</i>				
15:30-16:15	Presentations by school attendees: Session 2	Presentations by school attendees: Session 4				
16:15-17:00						

Lecture

Activity

Conference

Social Programme