

27th
October
2020

ONLINE DISSEMINATION EVENT

Materials & Processes for Thermal Solar System

🕒 09:00-14:00

👥 N° of participants

📺 Online with Zoom

40-50



This workshop will provide an overview of the current technological developments in the field of materials and processes for thermal solar systems. Speakers from major European research institutes and companies will present recent disclosures and their applications in the production of renewable energy through concentrated solar power, photovoltaics, solar heating, and cooling, and more. In particular, results from 5 large European research projects in the field of concentrated solar power will be presented and outlooks for the future of the industry discussed. Participants will be invited to discuss with each other to foster new business opportunities.



AGENDA

- 09:00h** **Mónica Della Pirriera, Leitat**
Welcome
- 09:10h** **Bojan Boskovic, CNT**
Presentation of the agenda and individual introduction of all participants
- 10:10h** **Valéry Vuillerme, CEA**
From CSP to cheap SHIP / An overview of the FriendSHIP project
- 10:30h** **Adrian Caravallo Fertiberia**
Novel molten salts as thermal energy storage material and heat transfer fluids
- 10:50h** **Cristobal Villasante, Tekniker**
TEKNIKER's approach to the technological challenges of CSP; MOSAIC as a model project
- 11:10h** **Break**
- 11:20h** **Antonio Rinaldi, ENEA**
Materials concepts and results from NEXTOWER
- 11:40h** **Gilles Flamant, CNRS**
The pilot-scale particle solar receiver and conversion loop developed in the framework of the Next-CSP H2020 project
- 12:00h** **Luis Millán, TSK**
SOLWARIS project
- 12:20h** **Reiner Buck Deutsches Zentrum für Luft- und Raumfahrt (DLR) HIFLEX and PreMa**
Innovative Solar Particle Technology for Power and Heat
- 12:40h** **Marcelino Sánchez Gonzalez, CENER**
Towards Competitive Solar Power Towers: Results from H2020 project Capture and other recent developments carried out by CENER
- 13:00h** **Ana María Escobar, LEITAT**
Anti-soiling coating for renewable energy applications
- 13:20h** **Discussion session**
Facilitated by Mónica Della Pirriera, R&D Coordination, LEITAT and Bojan Boskovic, CEO, CNT Innovation & CNT Ltd
- 14:00h** **Closure**



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