



Short-term Training for technical staff and scientists

Optical and thermal measurements properties for solar materials in Odeillo's solar furnace

- Location:** CNRS PROMES, 7 rue du Four Solaire, 66120 ODEILLO FONT-Romeu, France
- Date:** 28th September 2023 in person
- Target group:** The course is designed for engineers, researchers and representatives from European CSP industry and companies who want to be trained on optical, thermal laboratory instruments for solar samples.
- Course Language:** English
- Trainer:** Engineer responsible of the Optical and thermal properties service.
- Objective:** This course focuses on spectral measurements, BRDF measurements and thermal diffusivity measurements. The training consists of both theoretical and practical modules.
- The training will include visit and measurements of the OTP lab.
- Application:** The **registration deadline is August 31st, 2023**. Eligible candidates will be informed until September 8th, 2023.
- Fees:** No course fee is applicable. Accommodation and travel costs shall be covered by the participant.
- Contact:** Christophe Escape (CNRS PROMES), Tel.: +33 468 307 719, E-mail: Christophe.escape@promes.cnrs.fr
- Participation:** To apply, please fill out the application form [here](#) found on SFERA III website ([here](#)) and send it to: Christophe.escape@promes.cnrs.fr
- About PCM-OTP:** Informations are available at <https://www.promes.cnrs.fr/promes/services/pcm/service-otp-proprietes-optiques-et-thermiques/>



Agenda

09:00 – 09:15	Arrival - Welcome coffee at cnrs promes and registration	PROMES CNRS	15 min
09:15 – 09:45	Introduction Of the PCM OTP	C. Escape	30 min
9:45 – 10:15	Visit and presentation of the lab		30 min
10:15 – 12:00	Introduction of the performances and specificities of each apparatus		45 min
12:00 – 13:00	--- lunch break ---		15 min
13:00 – 16:00	Training on the equipments adapted to the public and their type of samples (way of calibrations, heating samples in optical measurements)		180 min
16:00 – 16:15	Debriefing and conclusions		15 min