



European Union's Horizon2020 Research and Innovation programme under grant agreement n°823802



<https://www.youtube.com/watch?v=A-E4EquSkM0>

**SFERA-III 2nd Summer School**  
**October, 5th- 6th, 2021, Almería (Spain)**

# **Solar Heat for Industrial Processes (SHIP) and Solar Desalination**



# FIRST DAY AGENDA (05.10.2021)

Time	Lecture	Speaker
09:00 – 09:15	Opening of Summer School 2020	E. Zarza / J. Blanco
09:15 - 10:00	<b>SHIP applications at-medium temperatures</b>	Dirk Krueger
10:00 - 10:45	<b>Solar steam generation for SHIP applications</b>	Eduardo Zarza Moya
10:45 - 11:15	<b>Coffee break</b>	
11:15 - 11:45	<b>SHIP applications at high temperatures</b>	Alfonso Vidal Delgado
11:45 - 12:30	<b>Thermal storage for SHIP applications</b>	Esther Rojas Bravo
12:30 - 13:00	<b>R+D lines for Medium temperature SHIP applications</b>	Mario Biencinto Murga
13:00 - 14:30	<b>Lunch break</b>	
14:30 - 15:15	<b>Innovative design of a linear Fresnel concentrator for Process Heat Applications</b>	Loreto Valenzuela Gutiérrez
15:15 - 15:45	<b>The new Task 64/IV of SHC and SolarPACES</b>	E. Zarza
15:45 - 16:15	<b>Coffee break</b>	
16:15 - 16:45	<b>SHIPs applications within the updated Implementation Plan of CSP</b>	Julián Blanco Gálvez
16:45 -17:30	<b>Market potential for SHIP applications</b>	Valery Vuillerme
17:30	<b>End of the first day</b>	

# SECOND DAY AGENDA (05.10.2021)

Time	Lecture	Speaker
09:00 -10:00	<b>Influence of the system design on the pay-back time and solar fraction of SHIP applications</b>	Miguel Frassetto Herraiz
<b><u>Solar Thermal Desalination</u></b>		
10:00 - 10:40	<b>Fundamentals of water desalination</b>	Diego C. Alarcón Padilla
10:40 - 11:10	<b>Coffee break</b>	
11:10 - 11:50	<b>Overview of thermal desalination processes</b>	Diego C. Alarcón Padilla
11:50 - 12:30	<b>Solar thermal cogeneration plants</b>	Patricia Palenzuela Ardila
12:30 - 13:00	<b>Advanced control of solar process heat applications</b>	Lidia Roca Sobrino
13:00 - 13:15	<b>Closing of Summer School 2021</b>	E. Zarza
13:15 - 14:45	<b>Lunch break</b>	
15:00 - 19:30	<b>Visit to PSA facilities</b>	



# PLATAFORMA SOLAR DE ALMERIA

***PSA is one of the biggest and most complete existing facilities for the research, testing and development of solar technologies and its applications***



PSA is formally recognized as a Large European Research Installation of Scientific Excellence.

PSA is a public research center belonging to the CIEMAT focused on concentrated solar processes and technologies

CIEMAT is a large Spanish scientific institution devoted to energy and environment

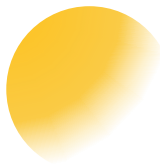




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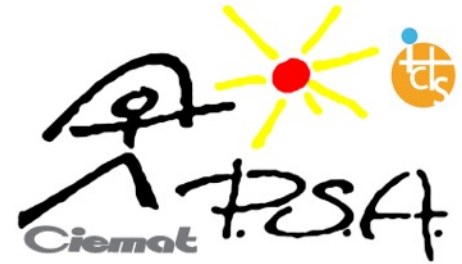


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