

# Final Conference WASCOP

13. 12. 2019

PSA-CIEMAT, Senés Road, Km. 4, Tabernas, Almeria, Spain

Moderators: Delphine Bourdon (CEA) & Aránzazu Fernandez Garcia (CIE)

8:45 - 9:00

**Participation Registration & Welcome coffee**

9:00 - 9:15

**Welcome speech**

Eduardo Zarza (CIEMAT)

9:15 - 9:30

**WASCOP Project Introduction**

Delphine Bourdon (CEA, WASCOP Coordinator)

9:30 - 10:45

**Block 2: Cooling Solutions for the Water Management in CSP Plants**

- **Kumar Patchigolla**, Cranfield University, *Development of a consolidated toolbox to assess the performance of novel cooling technologies integrated to a CSP plant.*
- **Kumar Patchigolla**, Cranfield University, *prototype Air-rock thermocline (ART) Cold Thermal Energy Storage (CTES) for water saving in CSP.*
- **Delphine Bourdon**, CEA , *prototype Water-rock thermocline (ART) Cold Thermal Energy Storage (CTES) for water saving in CSP.*
- **Alain Memponteil**, CEA , *Versatile Cooler prototype*
- **Patricia Palenzuela Ardila**, CIEMAT, *Hybridized Cooler prototype*

10:45 - 11:00

**Discussion**

11:00 - 11:15

**Coffee break**

11:15 - 13:00

### **Block 3: Cleaning Solutions for the Water Management in CSP Plants**

- **Gema San Vicente**, CIEMAT, anti-soiling coating for absorber tubes and solar reflectors
- **David Argüelles-Arízcan**, CIEMAT, non-immersion ultrasonic cleaning system in a solar concentrating field
- **Chris Sansom**, CU, Dust barriers
- **Fabian Wolfertstetter**, DLR, Gravity lip wiper
- **Fabian Wolfertstetter**, DLR, T-TRACS soiling sensor
- **Peter Van Nijnatten**, OMT, soiling/scratching sensor
- **Itziar Azpitarte IK4-TEKNIKER**, (WASCOP), Innovative low-cost sensor

13:00 - 14:00

### **Lunch**

14:00 - 14:30

### **Block 4: Upscaling Plan for the proposed solutions**

- **Luis Millan Monte**, TSK (SOLWARIS), Solving Water Issues for CSP Plants

14:30 - 15:00

### **Discussion**

15:00 - 16:00

### **Visit WASCOP solutions at the PSA**

**Conference is free of charge but registration is required:** it can be done through the form in the [WASCOP](#) website. If places are available, registration can be made on the same day of the event.

A discount rate for room is available at the **Gran Hotel Almería – Ohtels** (Address: Calle Reina Regente, 8, 04001 Almería. Double room: 65€ per night or Single room: 50€ per night with both breakfast included) In order to make the reservations, participants to the conference should get in touch by e-mail [reservas.andalucia@ohtels.es](mailto:reservas.andalucia@ohtels.es) or calling either 0034 955 25 25 33 or 0034 950 96 19 96 and give them the following reservation code: 13902.

Shuttle bus will pick up participants at 8:15 am at the **Gran Hotel Almería – Ohtels**

Conference is organised by WASCOP Consortium with cooperation of SOLWARIS project (grant agreement n°792103) and the host organisation CIEMAT-PSA

[www.wascop.eu](http://www.wascop.eu)

