



Short-term Training for technical staff and scientists

Technologies for Water Treatment and Material Separation

- Location:** Freiburg, Germany – Fraunhofer ISE
- Date:** Tuesday, 14 November 2023 (in person)
- Target group:** The course is designed for engineers, researchers and representatives from European industry and research centres.
- Objective:** Sharing experience with experimental evaluation and modelling of thermocline storage concepts. It will include theoretical lectures and lab tours.
- Trainers:** Scientists and Specialists of Fraunhofer ISE

The training will include a scientific exchange on actual and future research topics and will practice experimental investigations at the ISE water with following topics:

- Operation of Reverse Osmosis systems dynamic and static
- Electrodialysis and Diffusion Dialysis for acid recovery
- Crystallisation and solids separation

Application: The registration deadline is 09 October 2023. Eligible candidates will be informed until 13 October 2023.

Fees: No course fee is applicable. Accommodation and travel costs shall be covered by the participant. Lunch is offered through SFERA III.

Contact: Joachim.koschikowski@ise.fraunhofer.de

Participation: To apply, please fill out the application form found on SFERA III website [here](#) and send it to:

joachim.koschikowski@ise.fraunhofer.de

Agenda

9:00 – 9:30	Welcome coffee
9:30 – 10:15	Introduction of the organizations and participants; Presentation of past and present projects and activities
10:15 – 12:15	Presentation of past and present projects, activities and technologies
12:15 – 13:15	Lunch break
13:15 – 13:45	Lab tour and introduction to the Water and Separation Lab
13:45 – 15:45	Conduction of experiments (Closed Loop RO, Electrodialysis, Chemical precipitation...)
15:45 – 16:00	Coffee break
16:00 – 16:45	Detailed discussion of experimental results and lessons learned
16:45 – 17:00	Wrap up

MEETING PLACE & ACCOMMODATION

Training place	Fraunhofer Institute for Solar Energy Systems
Address Training Location:	Meetingpoint: Heidenhofstraße 2, 79110 Freiburg im Breisgau Meeting Room: Auerstraße 8
How to get to the Training place from the airport	Airport Shuttle from EuroAirport Basel to Freiburg
Restaurant place	On site
Accommodation	Hotel close to Fraunhofer ISE at own cost
Contacts for the Training	Joachim Koschikowski joachim.koschikowski@ise.fraunhofer.de
Participation confirmation for the Training	SFERA III website : https://sfera3.sollab.eu/events/list/