

11th Swiss Symposium Thermal Energy Storage

Friday, 26th of January 2024

Register here
hslu.ch/sstes



Bridging the gaps

How can we support
the energy transition
today and in the future?

11th Swiss Symposium Thermal Energy Storage

We are delighted to announce the program for the upcoming **11th Swiss Symposium Thermal Energy Storage** and extend a warm invitation for your participation. The symposium is scheduled to take place on **January 26th, 2024**, at the Lucerne University of Applied Sciences & Art.

This edition of the symposium will focus on gaining insights into the pivotal role of thermal energy storage in the decarbonization efforts of Switzerland and Europe. The event will feature short presentations, engaging panel discussions, workshops, and an exhibition, all centered around the theme:

‘Bridging the gaps: How can thermal energy storage support the energy transition today and in the future?’

We warmly invite you to join our community at the Symposium at the picturesque Lucerne (online is also possible).

Furthermore, we welcome participants interested in showcasing their work to bring a poster, which will be exhibited during dedicated poster sessions held during coffee breaks and lunch (More information on our website).

Organisers:

Dr. Anastasia Stamatou
Head Research Group Latent TES
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Dr. Anabel Palacios
Deputy Head Research Group Latent TES
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Prof. Dr. Jörg Worlitschek
Co-Head CC Thermal Energy Storage
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Program

08:45 Registration

09:15 Welcome

Anastasia Stamatou and CC TES Team

09:30 Keynote Session

André Bardow, Swiss Federal Institute of Technology Zurich (ETH), CH: ‘Pathways to an efficient future energy system’

10:00 Political Session

Isabelle Stadelmann-Steffen, Bern University, CH: ‘The Social Acceptance of STES – Insights from the SOTES Project’

Antonio Marco Pantaleo, European Energy Council, IT: ‘The Role of Thermal Storage for Net Zero Energy Systems: Research Trends and Markets Outlook’

10:30 Coffee Break with Exhibition & Poster Session

11:00 Keynote Session

Andrea Gutierrez, German Aerospace Centre (DLR), DE: ‘PCM-Storage: Enabling the Efficient and Flexible Supply of Process Heat from Renewable Energies’

11:30 Research Session

Gerhard Totschnig, Austrian Institute of Technology (AIT), AT: ‘The Contribution of Heat Storage for Carbon-Free Alpine District Heating Systems’

Gianfranco Guidati, Swiss Federal Institute of Technology Zurich (ETH), CH: ‘The Role of Seasonal Thermal Energy Storage within Net-Zero Scenarios for Switzerland’

Gerald Englmair, Technical University of Denmark (DTU), DK: ‘Cool-Data – PCM Cold Storage for Server Room Cooling’

12:15 Lunch with Exhibition & Poster Session

13:45 Workshop on Stakeholders: Bridging the Gaps

15:15 Coffee Break with Exhibition & Poster Session

15:30 Industrial and Pilot Session

Martin Schichtel, Kraftblock, DE: ‘The Role of High-Temperature Storages in the Decarbonization of Heavy Industries.’

Tal Tutnauer, Brenmiller Energy, IL: ‘Electrification of Heat Using Thermal Energy Storage.’

Poppy O’Neill, Cowa Thermal Solutions AG, CH: ‘Cowa: The New Generation of Thermal Energy Storages’

Michael Geissbühler, PVT Solar AG, CH: ‘Ice-Storage and PVT-Collectors in Practice’

Luca Baldini, Zurich University of Applied Sciences, CH: ‘Swiss Seasonal Thermal Energy Storage Action Plan and Implementation’

16.15 Panel Discussion: How can we support the energy transition today and in the future?

17:00 Networking Apero

18:30 End of the Symposium

Information

Place of event: Lucerne School of Engineering and Architecture
Technikumstrasse 21, 6048 Horw
Dr. Josef Mäder-Saal (D415), Trakt IV
or
Online (Zoom)

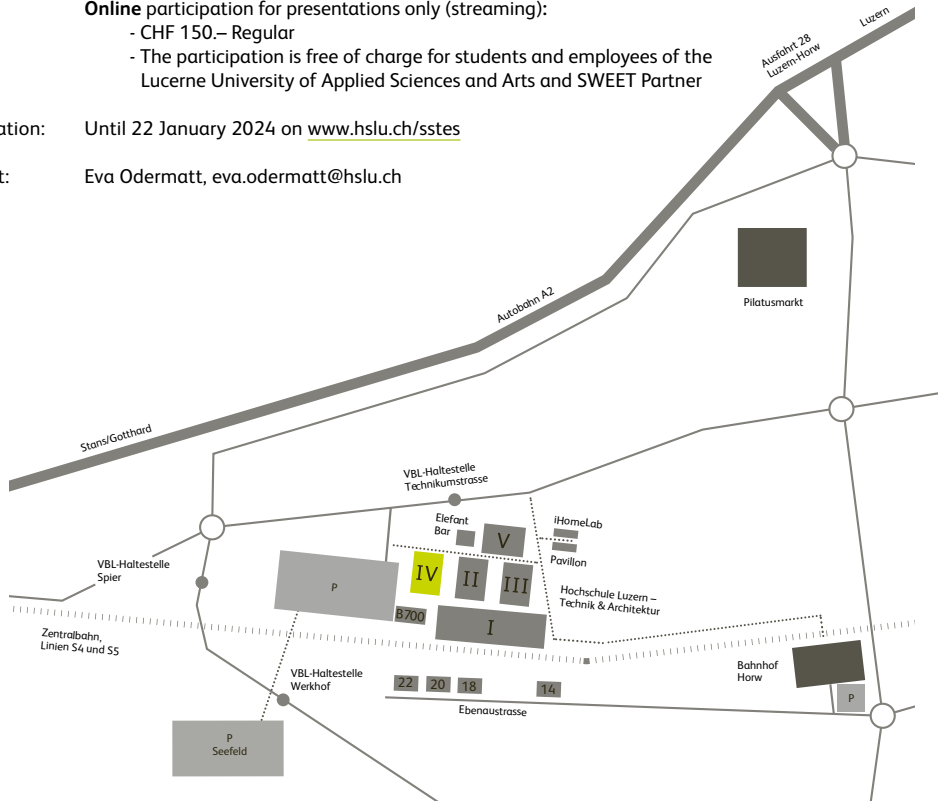
Time: 08:45 – 17:00 Swiss Symposium Thermal Energy Storage
17:00 – 18:30 Networking Apéro in the exhibition with voluntary lab tours

Cost: **On site** incl. coffee breaks, lunch and apéro:
- CHF 360.– Regular
- CHF 150.- SWEET Partner and external students
- The participation is free of charge for students and employees of the Lucerne University of Applied Sciences and Arts

Online participation for presentations only (streaming):
- CHF 150.– Regular
- The participation is free of charge for students and employees of the Lucerne University of Applied Sciences and Arts and SWEET Partner

Registration: Until 22 January 2024 on www.hslu.ch/ssstes

Contact: Eva Odermatt, eva.odermatt@hslu.ch



THERMAL ENERGY STORAGE