

Heat and Electricity Storage

7th Symposium

November 6, 2018, Rapperswil

HSR Hochschule für Technik

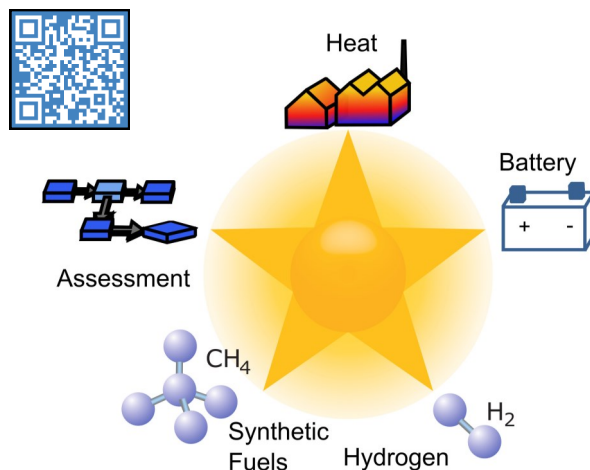
Oberseestrasse 10

8640 Rapperswil

(Switzerland)

Program

Version 22.10.2018



09:00	Registration	
10:00	Welcome	Prof. Dr. Thomas J. Schmidt , Head SCCER HaE, CH
10:05	Green Hydrogen: Gremlins, Fairy Tales and Monsters. The Grimm truth about Efficiency	Dr. Kerry-Ann Adamson , Jacobs Consultancy, UK
10:30	Hydrogen & Local Energy Systems, a Case Study: The BIG HIT Project	Dr. Enrique Troncoso , System Consulting, UK
10:55	Power-to-X Technologies and Market Environment in Switzerland	Dr. Tom Kober , PSI, CH
11:20	Project HEPP: High Efficiency Power-to-Methane Pilot	Sandra Moebus , HSR, CH Dr. Luiz Carlos Reichenbach de Sousa HSR, CH
11:45	Poster session	
12:45	Lunch	
13:45	Design Principles of Bipolar Electrochemical Co-Electrolysis Cells for Efficient Reduction of Carbon Dioxide from Gas Phase at Low Temperature	Dr. Alexandra Patru , PSI, CH
14:10	Carbon Dioxide as Hydrogen Vector	Prof. Dr. Gabor Laurenczy , EPFL, CH
14:10	HyForm-PEMFC 1 kW demonstrator unit - Results and perspectives	Dr. Nordahl Autissier , GRT, CH
14:35	The Swiss Experience in Cell and Battery Manufacturing for EV, Grid Operation and Back-up Power	Giorgio Crugnola , FZSonick, CH
15:00	Materials Innovation for Next-Generation Batteries	Dr. Corsin Battaglia , Empa, CH
15:25	Coffee break	
15:55	Heat Storage to Go. We move heat to where it's needed.	Cornelia Jahnel , PECEM, D Klaus Borrmann , PECEM, D
16:20	Thermal Energy Sorption Storage Perspectives Technical Challenges in the Component Development	Dr. Paul Gantenbein , HSR, CH
16:45	Wrap-up	Prof. Dr. Thomas J. Schmidt , Head SCCER HaE, CH
16:50	Excursion I (HEPP)	Excursion II (Heat Storage)
		Excursion III (Ice Storage)

Accommodation

Sorell Hotel Speer
Untere Bahnhofstrasse 5
8640 Rapperswil

Travel

By public transport:

The HSR Hochschule für Technik Rapperswil is close to the train station Rapperswil. It is recommended to use public transport.

Airport Zürich–Rapperswil
(change at Zürich main station): 1 hr
Zürich–Rapperswil (S5, S7 und S15):
35–40 min

St. Gallen–Rapperswil: 55 min
Glarus–Rapperswil: 45 min
Schwyz–Rapperswil: 65 min.

By car:

The next public parking is in 10 min walking distance. Parking on campus is not recommended.




Contact and Assistance:

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