

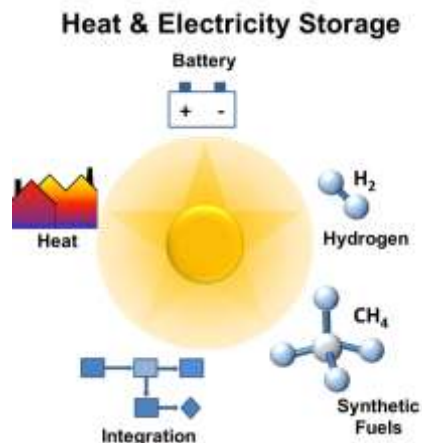
Annual Symposium 2014

November 4.

Paul Scherrer Institut

Room: Auditorium WHGA/001

5232 Villigen PSI (West)



Program

9:00	Registration and Coffee	
9:30	Welcome and Introduction	Prof. Dr. Thomas J. Schmidt (PSI, Electrochemistry Laboratory)
	Session I: Advanced Batteries and Battery Materials	
9:45	Advanced Electrode Materials for Li-ion and Na-ion batteries, and beyond	Prof. Dr. Maksym Kovalenko (Laboratory of Inorganic Chemistry EHTZ)
10:15	Batteries in the Challenge of Expectations and Realizations	Dr. Pascal Häring (Renata SA)
10:45	Coffee Break	
	Session II: Storage of Thermal Energy	
11:00	Overview of SCCER Heat-Storage Research and Development Efforts	Dr. Andreas Haselbacher (Institute of Energy Technology, ETH Zürich)
11:30	Industrial Packed Bed of Rocks Thermal Energy Storage	Dr. Gianluca Ambrosetti (Airlight Energy Holding SA)
12:00	Meet and Eat: Poster Session	
	Session III: Hydrogen Production and Storage	
13:15	Advances in Hydrogen Production and Storage	Prof. Dr. Andreas Züttel (EMPA Materials Science & Technology)
13:45	Megawatt Scale PEM Electrolysis for Energy Storage Applications	Dipl. Ing. Marc Uffer (Diamond Lite SA)
	Session IV: Catalytic and Electrocatalytic CO₂ Reduction	
14:15	Catalytic and Electrocatalytic CO₂ Reduction: the Genesis of Working Group 4 in the SCCER Heat & Electricity Storage	Prof. Dr. Paul Joseph Dyson (EPFL ISIC LCOM)
14:45	Power-to-Value Concepts for Storage of Renewable Energy	Dr. Ralf Krause (Siemens AG)
15:15	Coffee Break	
	Session V: Technological Interaction of Storage Systems	
15:30	Technology Interaction of Storage Systems - Gaining Flexibility between the Energy Grids	Prof. Dr. Jörg Worlitschek (Hochschule Luzern)
16:00	Das Hybridwerk Aarmatt	Mr. Marcel Rindlisbacher (Regio Energie Solothurn)
16:30	Socio-economic energy research and its potential relevance for storage	Prof. Dr. Frank Krysiak (Department of Business and Economics University of Basel)
17:00	Wrap-up	Prof. Dr. Thomas J. Schmidt (PSI, Electrochemistry Laboratory)