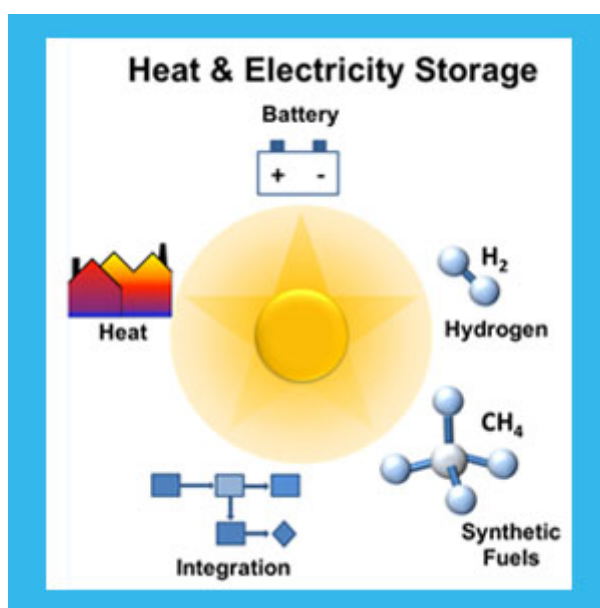


Session Program

4 November 2014



Annual Symposium 2014

Meet and Eat, Poster session

Paul Scherrer Institut, Auditorium West WHGA001

www.psi.ch/how-to-find-us

Tuesday 4 November

12:00

Meet and Eat, Poster session

Poster Session |

Location: Paul Scherrer Institut, Auditorium West WHGA001, <http://www.psi.ch/how-to-find-us>
[target=_blank>www.psi.ch/how-to-find-us](http://www.psi.ch/how-to-find-us)

A sectoral perspective on knowledge development and diffusion in the lithium-ion battery technology in the US and Japan

Speaker

Ms Annegret Stephan

Metal free catalyst for chemoselective methylation of amines using CO₂ as a carbon source

Speaker

Dr Shoubhik Das

Interfacial Electron Transfer between G. Sulfurreducens and a Gold Electrode: towards CO₂ reduction studies

Speaker

Mr Michael Füg

Layer-by-Layer Assembly of Ruthenium Complex Ultrathin Films for Electrochemical Pseudocapacitor Applications

Speaker

Dr Veerabhadrarao Kaliginedi

Particle size and shape dependence of the ionic diffusivity in LiMnPO₄ cathode for lithium ion batteries

Speakers

Prof. Katharina Fromm, Dr Nam Hee Kwon

Thermo-mechanical characterization of cellular ceramics in high-temperature environments

Speaker

Mr Ehsan Rezaei

Compositional dependence of CuAu alloy nano-particles towards Electro-chemical reduction of CO₂

Speaker

Mr Motiar Rahaman

A uniform techno-economic and environmental assessment methodology for electrical and thermal storage development and integration in Switzerland.

Speaker

Dr David Parra

Synthesis of SnO₂ nano particles on PVP functionalized reduced graphene oxide by self-capping function of hexanoate ligands: An application for electrochemical CO₂ reduction in aqueous medium

Speaker

Dr Abhijit Dutta

Conversion of electricity into hydrogen using a dual-circuit redox flow battery**Speaker**

Dr Pekka Peljo

A Case Study in Power-to-Gas System Using Life Cycle Assessment**Speaker**

Ms Xiaojin Zhang

Intercalation of hydrogen into Cu(111) under reactive conditions studied by in-situ STM**Speaker**

Mrs Thi Mien Trung Huynh

Nano-LiCoO₂: organometallic precursors as source of high Li-ion diffusion oxides for battery purpose.**Speaker**

Mr Jean-Pierre Brog

Insights into d-band perovskite catalysts for application as oxygen electrodes in low temperature alkaline fuel cells and electrolyzers**Speaker**

Dr Emiliana Fabbri

Study of the oxygen evolution mechanism and activity of Perovskite La_{1-x}Sr_xCoO₃-based electrodes in alkaline media by thin film rotating ring disk electrode measurements**Speaker**

Dr Xi CHENG

Power-to-Gas**Speaker**

Dr Markus Friedl

CATALYZED H₂ SORPTION MECHANISM IN ALANATES**Speaker**

Dr Zuleyha Ozlem Kocabas Atakli

POLYANIONIC CATHODE MATERIALS FOR SODIUM ION BATTERIES**Speaker**

Mr Sivarajakumar Maharajan

A Kinetic Study of CO₂ Electroreduction on Metallic Electrodes in Aprotic Media**Speaker**

Dr Alexander Rudnev

MSn₂ (M=Fe, Co, Mn) intermetallics as anode materials for Na-ion batteries**Speakers**

Dr Claire Villevieille, Ms Leonie Vogt

Sn anode for Na-ion batteries: A bulk and interfacial study

13:15

Speaker

Dr Claire Villevieille

Phase change material systems for high temperature heat storage

Speaker

Mr David Perraudin