

Heat & Electricity Storage, 9th and final Symposium

October 21st, 2020

v:14082020

| | | | |
|--|-------|---|--|
| 09:00 | 09:10 | Welcome Speech | Thomas J. Schmidt Director SCCER HaE Storage |
| 09:10 | 09:40 | Keynote | Gianni Operto President AEE Suisse |
| Socio Economic, Energy Sytem and Technological Aspects | | | |
| 09:40 | 09:55 | Socio Economic | Tobias Schmidt Assistant Professor of Energy Politics, ETHZ |
| 09:55 | 10:10 | System | David Parra Senior Researcher and Teaching Fellow, Institute for Environmental Sciences (ISE)/Dept. F.-A. Forel, UNIGE |
| 10:10 | 10:25 | Technology | Christian Bauer Researcher Technology Assessment Group, PSI |
| 10:25 | 10:35 | Podium | |
| 10:35 | 11:05 | Pause | |
| 11:05 | 11:20 | Moving forward with Innosuisse | Marc Gerber Scientific Officer, Thematic Programmes, Innosuisse |
| Energy Storage for Short and Midd-Term Periods | | | |
| 11:20 | 11:40 | Enabling sustainable Li- and Na-ion batteries | Sigita Trubesinger Group Leader Battery Electrodes and Cells, PSI |
| 11:40 | 11:55 | High power latent heat storage | Anastasia Stamatou Senior Research Associate and Co-Head of the Research Group, HSLU |
| 11:55 | 12:15 | High-temperature heat storage units and applications | Sophia Haussener Associate Professor, Laboratory of Renewable Enger Science and Engineering, EPFL |
| Seasonal Storage and Sector Coupling - Power to X | | | |
| 12:15 | 12:45 | Seasonal Thermal Energy Storage – from theory to practice | Luca Baldini Group Leader Building Energy Systems and Technologies, Empa |
| 12:45 | 12:55 | Podium | |
| 12:55 | 13:55 | Pause | |
| 13:55 | 14:25 | Advances in sustainable H ₂ production and storage | Kevin Sivula Associate Professor, Laboratory for Molecular Engineering of Optoelectronic Nanomaterials, EPFL |
| 14:25 | 14:40 | Structure-Activity Relationships and Rational Development of Selective CO ₂ Hydrogenation Catalyst to Methanol | Christophe Copéret Professor in the Department of Chemistry and Applied Biosciences, ETHZ |
| 14:40 | 14:55 | CO Electrolysis: Chemicals sourced from CO ₂ and Water | Alexandra Patru Scientist Electrocatalysis and Interfaces Group, PSI |
| 14:55 | 15:10 | Power to Methane | Tilman Schildhauer Senior Scientist Thermochemical Processes and Scientific Lead Methanation and Industrial Power-to-X, PSI |
| 15:10 | 15:20 | Podium | |
| 15:20 | 15:30 | Closing Remarks | Thomas J. Schmidt |

Tentative Titles