

CONFERENCE ON SOLAR FUELS, ELECTRO FUELS, GREEN HYDROGEN AND CO₂ VALORIZATION

 **OCTOBER 24TH - 26TH**  **EVA VON BAHR LECTURE HALL, UPPSALA UNIVERSITY (SWEDEN)**



Day 1: Tuesday Oct 24

Time	Speaker and affiliation	Title
12:45	<i>Registration, Coffee&tea</i>	
13:15 <i>Chair: Leif Hammarström</i>	Leif Hammarström, Ann Magnuson	Welcome
13:20	Maximilian Fleischer , Siemens Energy	"The need of the future energy and economic systems for green molecules & energy storage"
13:50	Ann Magnuson , Uppsala University	"SUNERGY - Fossil-free fuels and chemicals for a climate-neutral Europe"
14:05	<i>Q&A</i>	
14:20	Thomas Neidenmark , The Government Offices of Sweden	"Sweden's Influence in Horizon Europe and the Role of Hydrogen and Sustainable Fuels in our Energy Future"
14:40	Carina Faber , European Innovation Council	"EIC hands-on public funding to facilitate innovation for solar fuels & chemicals"
15:00	<i>Q&A</i>	
15:15	<i>Coffee break</i>	
15:45 <i>Chair: Peter Lindblad</i>	Charlotte Platzer-Björkman , Vice Dean of the disciplinary domain of science & technology	
16:00	Claes Fredriksson , Liquid Wind	<i>tba</i>
16:20	Mattias Ivarsson , St1 Nordic	"St1 – A company view on how this could help support the energy transition journey."
16:40	Mikael Åhlman , Region Uppsala	"Circular chemistry and sociotechnical transformation"
17:00	<i>Q&A</i>	
17:15	Erwin Reisner , Cambridge University	"Towards Sunlight-powered Chemical Industries"
17:45	<i>Q&A</i>	
18:00	<i>Poster session</i>	
19:00 ca.	<i>End day 1</i>	

Day 2: Wednesday Oct 25

Time	Speaker and affiliation	Title
8.30 <i>Chair: Ann Magnuson</i>	Joost Reek , University of Amsterdam	"Supramolecular strategies in solar to fuel devices"
9.00	Poul Georg Moses , Topsoe	"Solid Oxide electrolysis for fuels and food."
9.30	Oleg Pajalic , Perstorp	"Solution is in chemistry"
<i>10.00</i>	<i>Coffee break</i>	
10.40	Alex Cowan , University of Liverpool	" Bipolar membrane electrolyzers for carbon dioxide conversion and water splitting"
11.10	Isabella Concina , Luleå University of technology	"Nanocomposites by design for electrochemical water splitting"
11.30	Olle Eriksson , Uppsala university	" WISE - a new materials initiative in Sweden"
<i>11.50</i>	<i>Lunch</i>	
13.15 <i>Chair: Starla Glover</i>	Jakob Kibsgaard , Technical University of Denmark	"A journey towards electrochemical ammonia"
13.35	Tobias Ankner , RiSE	"Electrochemistry at RiSE"
13.55	Ola Wendt , Lund University	"Pincer iridium hydride complexes: dehydrogenation reactions for hydrogen storage"
14.15	Pia Lindberg , Uppsala University	"Solar-powered biotechnology using photosynthetic microorganisms."
14.35	Paul Hudson , KTH Royal Institute of Technology	"Application of high-throughput screening techniques for enhancing CO2 fixation in photosynthesis"
<i>14.55</i>	<i>Coffee break</i>	
15.30	Helena Lundberg , KTH Royal Institute of Technology	"Electricity in chemical synthesis"
15.50	Haining Tian , Uppsala University	"Organic Semiconducting Polymer Dots for Photocatalysis"
16.10	Tõnu Pullerits , Lund University	" Metalated Covalent Organic Frameworks for Photocatalysis"
16.30	Sascha Ott , Uppsala University	" Molecular Electrocatalysis in Metal-organic Frameworks"
<i>16.50</i>	<i>Poster session</i>	
<i>18:30</i>	<i>End day 2</i>	

Day 3: Thursday Oct 26

Time	Speaker and affiliation	Title
8.30 <i>Chair: Johannes Messinger</i>	Erwin Reisner , Cambridge University	"Solar Devices for Sustainable Chemical Synthesis"
9.10	Joanna Kargul , University of Warsaw	"Rational design of molecular interfaces in the biomolecular artificial photosynthesis systems"
9.30	Thomas Wågberg , Umeå University	"Strategies and techniques for water electrolysis"
<i>9.50</i>	<i>Coffee break</i>	
10.30	Kenneth Wärnmark , Lund University	"The development of Iron-based photosensitizers and -catalysts for sustainable energy conversion and production of chemicals"
10.50	Ha Phan , Stockholm University	"Heterogeneous-Catalyst-Promoted Carbonylation of Aryl Iodides Using Carbon Dioxide"
11.10	Rafael Eduardo Guedez Mata , KTH Royal Institute of Technology	"Hybrid solar and thermal processes for green fuels production and utilization"
11.30	Jacinto Sá , Uppsala University	"Unleashing plasmons unique photophysics - part 1"
<i>11.50</i>	<i>The End</i>	