

# 4<sup>th</sup> UK Solar Fuels Symposium



Solar Fuels  
Network

Friday 22<sup>nd</sup> January 2016

St John's College, School of Divinity, St Johns Street, CB2 1TP, Cambridge, UK



## PROGRAMME

TIME	PRESENTER	LOCATION
09:30-10:00	Registration	School of Divinity Foyer
10:00-10:10	<b>Dr Erwin Reisner</b> Welcome and opening remarks	School of Divinity Lecture Theatre
<b>Session 1 [Chair: Dr Junwang Tang]</b>		
10:10-10:40	<b>Invited Speaker: Professor Edman Tsang</b> <i>University of Oxford</i> "Atomic Interfaces for Photodecomposition of Water to Hydrogen"	School of Divinity Lecture Theatre
10:40-10:55	<b>Dr Jesper Jacobsson</b> <i>EPFL</i> "Highly Efficient CIGS Based Devices for Solar Hydrogen Production: From Photoelectrochemical Cells to PV-Electrolysis and Back Again"	
10:55-11:10	<b>Madeleine Morris</b> <i>Imperial College London</i> "Effect of Internal Electric Fields on Charge Carrier Dynamics in a Ferroelectric Material for Solar Energy Conversion"	
11:10-11:55	Morning tea and coffee + poster session	School of Divinity Central Hall
<b>Session 2 [Chair: Dr Stephanie Pendlebury]</b>		
11:55-12:10	<b>Dr Colin Lockwood</b> <i>University of East Anglia</i> "Exploring Outer Membrane Cytochromes as an Electron Conduit for Photocatalysis"	School of Divinity Lecture Theatre

12:10-12:25	<b>Dr Katherine Orchard</b> <i>University of Cambridge</i> “The Importance of Surface Environment in Quantum Dot-Driven Solar Fuels Synthesis”	
12:25-12:55	<b>Invited Speaker: Dr Julia Weinstein</b> <i>University of Sheffield</i> “Ultrafast Charge Transfer in (Supra)molecular Systems: Stirring the Electrons Along Multiple Pathways”	
12:55-14:10	Lunch	St John’s College Great Hall
<b>Session 3 [Chair: Professor James Durrant]</b>		
14:10-14:40	<b>Invited Speaker: Professor Gregory Wildgoose</b> <i>University of East Anglia</i> “The Power of Frustration: Pioneering Clean Hydrogen Energy Technologies Catalysed by Frustrated Lewis Pairs”	School of Divinity Lecture Theatre
14:40-14:55	<b>Dr Reiner Sebastian Sprick</b> <i>University of Liverpool</i> “Planarized Conjugated Polymers for Photocatalytic Hydrogen Evolution”	
14:55-15:10	<b>Yiou Wang</b> <i>University College London</i> “Selective Natural Gas Conversion by Photons”	
15:10-15:55	Afternoon tea and coffee + poster session	School of Divinity Central Hall
<b>Session 4 [Chair: Dr Erwin Reisner]</b>		
15:55-16:15	<b>Professor Anthony Harriman</b> <i>Newcastle University</i> “Sacrificial Redox Reagents as Used in Artificial Photosynthetic Model Systems”	School of Divinity Lecture Theatre
16:15-16:30	<b>Dr Graham Newton</b> <i>University of Nottingham</i> “Inorganic-Organic Hybrid Polyoxometalates for Charge Separation and Small Molecule Conversion”	
16:30-17:00	<b>Invited Speaker: Dr Kylie Vincent</b> <i>University of Oxford</i> “New Approaches to Understanding Nature’s Catalysts for Dihydrogen Oxidation and Production”	

17:00-17:10	<b>Best Oral and Best Posters Prize Presentation</b> <i>Energy and Environmental Science</i>	
17:10-17:15	<b>Dr Erwin Reisner</b> Closing remarks	

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