



## Agenda - 4CU Open Door Meeting, 12th November 2015, UCL

Department of Chemistry, University College London, 20 Gordon Street,  
London, WC1H 0AJ

Time	Topic	Who
10.30	Registration and coffee	
11.00	Welcome and introduction to the meeting	Prof Ray Allen
11.10	Theme B - Carbon Capture & Release - Introduction	Prof Chris Hardacre
11.15	Development and testing of solid sorbents	Dr George Dowson
11.30	Synthesis and testing of liquid sorbents	Dr Rebecca Taylor
11.45	Liquid sorbents assisted with microbubble technology	Dr Stuart Brittle
12.00	Fundamental study of the CO <sub>2</sub> absorption mechanism in liquid sorbents at multi-scale level	Dr Maxime Mercy
12.15	Theme B - Flash Presentations	Dan Reed, Corina McCrellis, Pratik Desai, Qamreen Parker
12.30	Lunch and posters	
13.25	Theme C - Syngas Production and Catalysis - Introduction	Prof Ray Allen
13.30	Electrocatalytic reduction of CO <sub>2</sub>	Dr Ann Call
13.45	CO <sub>2</sub> reduction in non-thermal plasmas	Dr Khelifa Yanalla
14.00	Effects of particle size in pack-bed plasma reactor	Dr Tom Butterworth
14.10	Modelling of novel catalysts	Dr Abhishek Kumar Mishra
14.25	Direct CO <sub>2</sub> conversion using liquid sorbents	Dr Nathan Hollingsworth
14.40	Theme C - Flash Presentations	Alison Thompson, Christopher Tumilson, Jen Manerova, Abdelaziz Cadi Essadek, Matthew Moss
15.00	Coffee and posters	
15.40	Theme A - Process and Sustainability Modelling - Introduction	Prof Adisa Azapagic
15.45	Process design, modelling and optimisation	Dr Yanna Dimitriou
16.00	Environmental and economic sustainability assessment	Dr Rosa Cuellar Franca
16.15	Social sustainability assessment	Dr Slobodan Perdan
16.30	Final Remarks	Prof Ray Allen
17.00	Drinks and Posters	
18.00	End of Meeting	