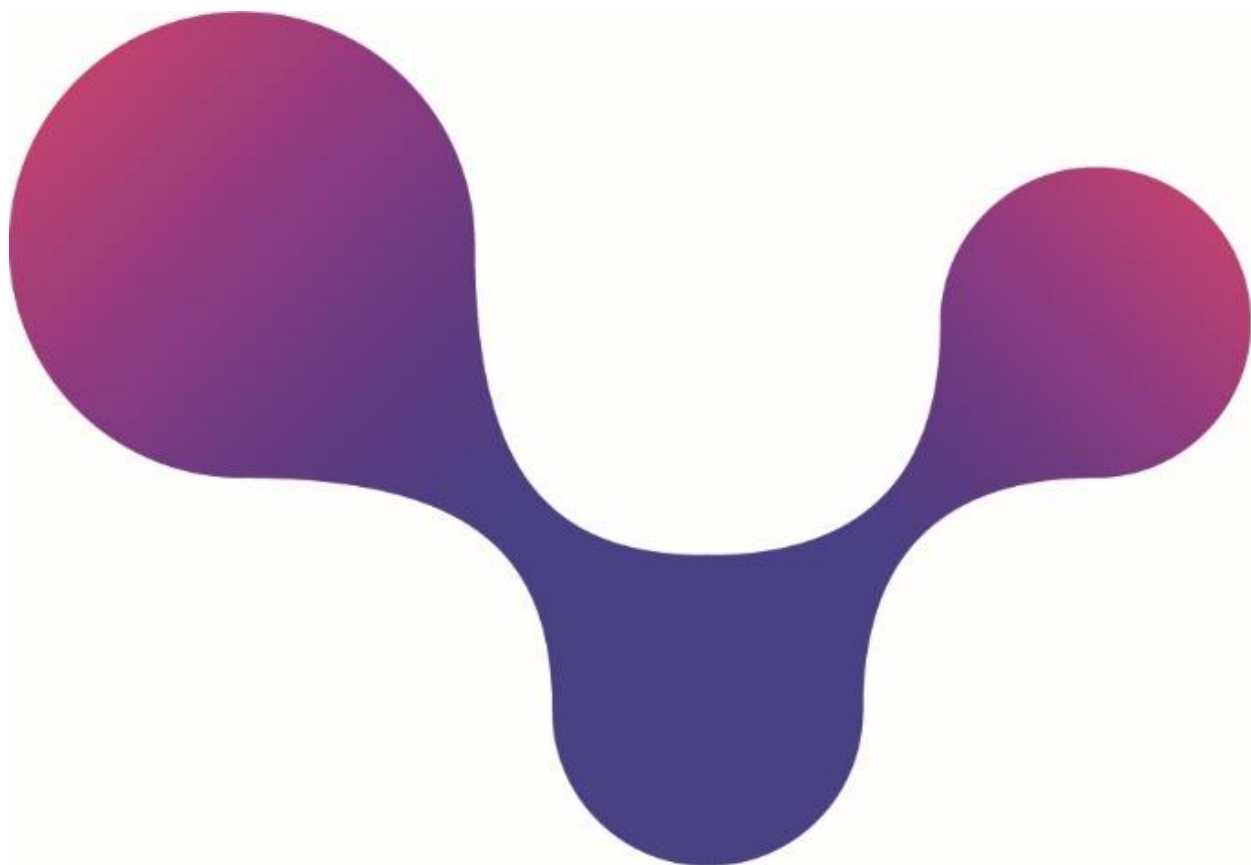


The 2nd CO2Chem Status Conference

20 September 2018
Loughborough, UK



CO2Chem Status Conferences showcase research and development relating to carbon dioxide utilisation from across the CO2Chem network, including highlights from work supported by our seed corn grants. www.co2chem.com

Programme

9.45 - 10.00 REGISTRATION

10.00 - 10.30	Welcome & Flash Presentations	Peter Styring and Mike North	CO2Chem
10.30 - 10.50	Electrochemical/photoelectrochemical engineering and process for CO2 utilisation	Jin Xuan	Loughborough
10.50 - 11.10	Chemical and genetic engineering of a thermostable carbonic anhydrase for the enzymatic capture of carbon dioxide	Anca Pordea	Nottingham
11.10 - 11.30	The evaluation of MXene materials as catalysts in electrochemical CO2 reduction	Kathryn Toghill	Lancaster
11.30 - 11.50	Utilisation of CO2 for the Preparation of Complex Inorganic Solids	Grazia Frabcesconi	Hull

12.00 – 13.00 LUNCH

13.00 - 13.20	Investigating Alternative Catalysts for Green Cyclic Carbonate Synthesis	Katie Lamb	York
13.20 - 13.40	Selective CO2 hydrogenation to Formic acid with multifunctional ionic liquids	Victor Sans Sangorin	Nottingham
13.40 – 14.00	Ni stabilised in La2Zr2O7: superior catalyst for gas-phase CO2 recycling	Tomas Ramirez Reina	Surrey
14.00 - 14.20	Activation of Starbon® materials with KOH to enhance CO2 capture	Han Li	York
14.20 - 14.35 (shorter)	Study of technological alternatives to enhance catalytic CO2 hydrogenation to fuels	Esperanza Ruiz Martínez	CIEMAT, Spain
14.35 – 14.50 (shorter)	Co-Electrochemical Reduction of Carbon Dioxide and Steam to Hydrocarbons in Molten carbonate	Ossama H. Al-Juboori	Nottingham

15.00 - 15.20 COFFEE

15.20 - 15.40	Selecting Routes for CO2 Utilisation	Peter Sanderson	Sheffield
15.40 - 16.00	LCA and TEA Guidelines For CCU	Katy Armstrong	Sheffield
16.00 - 16.20	Discussion and closing remarks		

16.30 CLOSE