

CO₂Chem Status Conference

6th June 2017

Green Chemistry Centre of Excellence, University of York, YO10 5DD

10.00	Coffee and registration		
10.30	Welcome and Introduction	Peter Styring & Mike North	CO ₂ Chem
11.00	SEEDCORN Chemolithotrophic bio-production of acetaldehyde as platform chemical from CO ₂ utilising <i>Cupriavidus necator</i> .	Alex Conradie	Nottingham
11.20	SEEDCORN The use of Teflon AF-2400 membrane devices as an enabling technology for the controlled utilisation of CO ₂ in continuous-flow synthesis.	Matt O'Brien	Keele
11.40	SEEDCORN In-depth understanding coking in the dry reforming of methane on Ni-Co bimetallic catalysts	Xin Liao	Southampton
12.00	SEEDCORN Next frontiers in catalytic materials: 3D printed heterogeneous graphene nanocomposites for efficient and greener synthesis of propylene carbonate from CO ₂	Basu Saha	London South Bank
12.20	SEEDCORN Plasma-catalytic conversion of CO ₂ into value-added fuels and chemicals	Xin Tu	Liverpool
12.40	Lunch		
1.20	SEEDCORN Direct Synthesis of Phenol from CO ₂	James McGregor	Sheffield
1.40	Exploiting Electrosynthesis to Enable Selective Hydrocarboxylation	Ben Buckley	Loughborough
2.00	CO ₂ hydrogenation to methanol on PdZn catalyst	Hazliza Bahruji	Cardiff
2.20	The social acceptance of carbon dioxide utilisation: A review and research agenda	Chris Jones	Sheffield
2.40	Coffee		
3.00	High-Efficient Conversion of CO ₂ in Gliding Arc Plasma: A combined modeling and experimental study.	Weizong Wang	Antwerp
3.20	4CU- Whole system approach for sustainable conversion of CO ₂ to fuel	Corinne Howse	Sheffield
3.40	An Industrial Perspective	Steve Woollass	Tata
4.00	The future	Peter Styring & Mike North	CO ₂ Chem
4.30	End		