

## PROGRAMME

<b>WEDNESDAY 14<sup>th</sup> January - ARRIVAL AT HILTON HOTEL (Check-in from 15:00)</b>		
<b>18:00</b>	<b>Registration</b>	<b>Hilton Hotel</b>
<b>19:00</b>	<b>Reception</b>	<b>Hilton Hotel</b>
<b>20:30</b>	<b>Dinner</b>	<b>Hilton Hotel</b>
<b>THURSDAY 15<sup>th</sup> January 2015</b>		
<b>Chair: David Fell</b> (Oxford Brookes, UK)		
09.00 – 09.05	<b>Jacque Minton</b> <i>The University of Nottingham, UK</i>	Welcome
09.05 – 09:35	<b>Lionel Clarke</b> <i>UK SBLC</i>	Synthetic Biology and the Role of SBRCs in the UK
09.35 – 10.00	<b>Nigel Minton</b> <i>The University of Nottingham, UK</i>	SBRC Nottingham and C1net
10:00 – 10.25	<b>Nigel Scrutton</b> <i>Manchester University, UK</i>	Manchester Centre for Synthetic Biology of Fine and Speciality Chemicals
10.25 – 10.50	<b>Stephen Chambers</b> <i>CEO-SynbiCITE- Imperial College London, UK</i>	Closing the Translation Gap in Synthetic Biology Innovation
<b>10.50 - 11.20</b>	<b>Coffee/Tea Break</b>	
<b>Chair: Sean Simpson</b> (Lanzatech, USA)		
11.20 – 11.50	<b>Peter Duerre</b> <i>University of Ulm, Germany</i>	Gas fermentation using autotrophic acetogenic bacteria for production of chemicals and fuel
11.50 – 12.20	<b>Steve Martin</b> <i>BioSyntha Technology Ltd, UK</i>	Chemicals from C1 Feedstocks - Enabling a Circular Economy
12.20 – 12.50	<b>Philippe Soucaille</b> <i>INSA, Uni. of Toulouse, France</i>	From C1 to C2 and C4 alcohols by fermentation of anaerobic bacteria
12.50 – 13.10	<b>Eric Liew</b> <i>The University of Nottingham, UK</i>	Inactivation of Carbon Monoxide Dehydrogenases in C1 Chassis <i>Clostridium autoethanogenum</i>
<b>13.10 – 14.30</b>	<b>Lunch</b>	<b>Hilton Hotel</b>
<b>Chair: Edward Green</b> (Green Biologics Ltd, UK)		
14.30 – 15.00	<b>Sean Simpson</b> <i>Lanzatech, USA</i>	Commercial-scale production of sustainable fuels and chemicals from gases
15.00 – 15.30	<b>Auxiliadora Prieto</b> <i>CIB-CSIC, Spain</i>	SYNPOL- A platform for the bioplastics production from complex wastes by syngas fermentation
15.30 – 15.50	<b>Saskia Vander Meeren</b> <i>Biobase Europe Plant, Belgium</i>	Capture and Utilisation: the role of proper piloting
15.50 – 16.10	<b>Arild Johannessen</b> <i>Calysta, USA</i>	Food and Energy Security through Methane Technology
<b>16.10 – 18.00</b>	<b>POSTERS/ Refreshments</b>	
<b>19.30</b>	<b>Dinner</b>	<b>Hilton Hotel</b>

**FRIDAY 16<sup>th</sup> January 2015****Chair: Bob Tooze** (Sasol UK Ltd)

09.00 – 09.30	<b>Reuben Carr</b> <i>Ingenza, UK</i>	Optimization of Biocatalytic Activities for Multigenic Bio-Based Chemical Production Processes
09.30 – 09.50	<b>Neil Swainston</b> <i>University of Manchester, UK</i>	GeneGenie: Optimized Oligomer Design For Directed Evolution
09.50 – 10.05	<b>Anne M. Henstra</b> <i>The University of Nottingham, UK</i>	GASCHEM: Optimising C1 gas fermentation by the acetogen <i>Clostridium autoethanogenum</i>
10.05– 10.20	<b>Ronja Breilkopf</b> <i>The University of Nottingham, UK</i>	Carbon monoxide based succinate fermentation in <i>C. autoethanogenum</i>
10.20 – 10.35	<b>Craig Woods</b> <i>The University of Nottingham, UK</i>	Transposon mutagenesis of <i>C. autoethanogenum</i>
10.35 – 10.50	<b>Bart Pander</b> <i>The University of Nottingham, UK</i>	Carbonic Anhydrase in Acetogens
<b>10.50 - 11.20</b>	<b>Coffee/Tea Break</b>	

**Chair: Michelle Gradley** (BioSyntha Technology Ltd, UK)

11.20 – 11.50	<b>Alex Toftgaard Nielsen</b> <i>Biosustain, Denmark</i>	Engineering of biochemicals production from various carbon sources
11.50 – 12.10	<b>Bob Lovitt</b> <i>Swansea University, UK</i>	Intensified Bioreactors for C1 Growth and Production
12.10 – 12.30	<b>Xin Tu</b> <i>The University of Liverpool, UK</i>	Atmospheric pressure non-thermal plasma technology: a solution for gas cleaning and fuel production
12.30 – 12.50	<b>Buddhi Hewakandamby</b> <i>The University of Nottingham, UK</i>	Multiphase Flow in Industrial Biotechnology
<b>12.50 – 14.30</b>	<b>Lunch</b>	<b>Hilton Hotel</b>

**Chair: Klaus Winzer** (The University of Nottingham, UK)

14:30 – 14:50	<b>Ying Jiang</b> <i>Cranfield University, UK</i>	Influence of Ammonia to Methanogenic Pathway from Acetate and Methanogen Composition in Anaerobic Digesters
14:50– 15:10	<b>Cecilia Fenech</b> <i>Cranfield University, UK</i>	Bio-Thermal RED: Supporting SMEs In Anaerobic Digestion
15:10 – 15.30	<b>Peter Licence</b> <i>The University of Nottingham, UK</i>	C1net – How Chemists Can Contribute
<b>15.30</b>	<b>Refreshments/Depart</b>	