



**Monday 27<sup>th</sup> March**

**DAY 1 (ROOM LOCATION: WPT003)**

TIME	ITEM	CHAIR
11.30 – 12.45	Registration & light refreshments on arrival	
12.45 – 13.00	Welcome and Centre Overview	Prof. Jin Xuan
13.00 – 14.00	Keynote 1: <i>Circular Chemistry to enable a Circular Economy</i>  Dr. J.C. (Chris) Slootweg, Faculty of Science, University of Amsterdam.	Prof. Jin Xuan
14.00 – 14.30	Break	
14.30 – 14.35	Presentations: Research Theme 1 - Enabling Technologies  <i>Theme Introduction</i> - Prof. Alex Cowan, University of Liverpool.	Prof. Alex Cowan
14.35 – 14.55	<i>Electrochemical CO<sub>2</sub> Reduction</i> - Prof. Eileen Yu, Loughborough University.	
14.55 – 15.05	<i>Multi-objective predictive optimisation of an enhanced weathering CO<sub>2</sub> capture process in response to intermittent flue gas and renewable energy supply</i> - Dr Oliver Fisher, University of Surrey.	
15.05 – 15.20	<i>Thermochemical and biological transformation technologies for lignocellulosic biowastes conversion</i> - Swathi Mukundan, Loughborough University.	
15.20 – 15.33	<i>Computational Insights in Aliphatic Chain Activation</i> - Dr Alberto Roldan Martinez, Cardiff University.	
15.33 – 15.46	<i>Catalytic transformation of polymers waste to liquid hydrocarbons</i> - Dr Alexandros Katsoulidis, University of Liverpool.	
15.46 – 16.00	Q&A session.	



16.00 – 16.30	Break	
16.30 – 17:30	Panel Discussion: <i>Chemicals for Net Zero – What does the UK need to prioritise?</i>  Peter Clark, KTN head of chemistry & industrial biotech.  Jeremy Shears, Chief Scientist, Shell Research Limited.  Greg Archer, LanzaTech.  Selena Ambrose, Promethean.	Prof. Jin Xuan
17.30	Close	

**Tuesday 28<sup>th</sup> March**

**DAY 2 (ROOM LOCATION: WPT003)**

TIME	ITEM	CHAIR
08.45 – 09.15	Registration	
09.15 – 09.30	Welcome	Prof. Jin Xuan
09.30 – 10.15	Keynote 2: <i>Closed Loop Plastic Recycling – The Journey</i>  Prof. David Hughes, Associate Dean R&I, Teesside University.	Prof. Jin Xuan
10.15 – 10.35	Presentations: Research Theme 2 – Process Integration and Whole System Optimisation  <i>Theme Introduction</i> - Prof. Benoit Chachuat, Imperial College London.	Prof. Benoit Chachuat
10.35 – 10.55	<i>Process Integration within the Circular Chemical Economy</i> - Ben Lyons, Imperial College London.	
10.55 – 11.15	<i>Sustainable ethylene production on the Teesside</i> – Dr Andrea Bernardi, Imperial College London.	



11.15 – 11.35	<i>Whole systems thinking towards a roadmap for chemical circularity</i> - Matthew Royle, University of Newcastle.	
11.35 – 11.45	Q&A session	
11.45 – 13.15	Networking Lunch & Poster Presentation	
13.15 – 13.35	Plenary presentation by industry and academics Pierre Moreau, Plastic Energy.	Prof. Libby Gibson
13.35 – 13.55	Prof Aidong Yang, University of Oxford.	
13.55 – 14.15	Chris Holt, Ensus.	
14.15 – 15.30	Panel discussion: <i>Excellence and Innovation in UK Chemicals Research</i> .  Chris Holt, Ensus  Mariya Konstantinova, R&D Packaging Innovation Technologist, Britvic.  Dr Lirong Liu, University of Surrey.	Prof. Libby Gibson
15.30 – 15.45	Break	
15.45 – 15.55	<i>Introduction to SME projects</i> , by Innovate UK.	Amy Peace
15.55 – 16.05	Presentations: Innovate UK Grant Holders Ruth Bowley, Hexigone Inhibitors Limited.	Amy Peace
16.05 – 16.15	Sarah Karmel, Rheon Labs Ltd.	
16.15 – 16.25	Djelloul Seghier, NDT consultants.	
16.25 – 16.35	Bev Fawdington, Uvamed.	
16.25 – 16.45	Q&A Session.	



16.45 - 17.15	<i>Circular Economy Innovation Network CCU Action Plan + Funding opportunities, Knowledge Transfer Network (KTN).</i>	Michael Burnett
17.15 - 18.30	Welcome Reception	Prof. Jin Xuan

**Wednesday 29<sup>th</sup> March**

**DAY 3 (ROOM LOCATION: WPT001)**

TIME	ITEM	CHAIR
8.45 – 9.15	Registration	
09.15 – 09.30	Welcome	Prof. Peter Styring
09.30 – 10.15	Keynote 3: <i>The process of change. How does government work?</i>  Nick MacInnes, Office of the Chief Scientific Adviser, DEFRA.  Lily Tozer, Department for Energy Security & Net Zero.	Prof. Peter Styring
10.15 – 10.45	Break and Networking	



10.45 – 11.05	<p>Presentation: Theme 3 – Policy, Society &amp; Finance</p> <p><i>Understanding key factors accelerating circularity in chemicals manufacturing</i> - Prof. Bing Xu, Heriot-Watt University.</p>	Prof. Bing Xu
11.05 – 11.25	<p><i>Modelling the emergence of a circular chemical economy</i> - Dr Ruini Qu, Heriot-Watt University.</p>	
11.25 – 11.45	<p><i>Developing evidence-based policies for the implementation of a circular economy in the UK chemical sector</i> - Dr Katie Lamb, University of Sheffield.</p>	
11.45 – 12.05	<p><i>Redesigning our plastics system – how policy will be key for implementing non-mechanical recycling</i> – Adam Herriott, WRAP.</p>	
12.05 – 12.15	<p>Q&amp;A Session.</p>	
12.15 – 13.00	<p>Panel Discussion: <i>Accelerating the Circular Chemical Economy</i></p> <p>David Bott, Society of Chemical Industry. Beena Sharma, CCU International. Alastair Sanderson, Unilever.</p>	Prof. Peter Styring
13.00 – 13.15	<p>Close and Lunch</p>	Prof. Jin Xuan