

CATALYSIS: FUNDAMENTALS AND PRACTICE, LIVERPOOL 24- 28 June 2024

	Monday 24 June 2024	Tuesday 25 June 2024	Wednesday 26 June 2024	Thursday 27 June 2024	Friday 28 June 2024
8.30	Registration				
8.50	Welcome Jon. Iggo				
9-10	Principles of Homogeneous Catalysis Mimi Hi (Imperial College)	Catalysis in Bio-technology Andreas Liese (TU Hamburg)	Catalyst deactivation John Birtill (U Glasgow)	Fundamentals of Catalytic Reaction Engineering Nancy Artioli, (Brescia)	How to write a paper for a world class journal Sean Browner (RSC Chemical Science) Networking and collaboration in science and engineering, TBC (IChemE)
10-11	Heterogeneous Catalysis as Enabler of a Circular Economy Chalachew Asmelash (RWTH Aachen)	Organometallic Chemistry: Past, Present and Future Matthias Beller (LIKAT)	<i>Operando</i> studies of catalytic reactions: pitfalls and benefits. Fred Meunier, (IRCELYON)	Modern Methods Catalyst characterization Angelika Brückner, (Leibniz Institute for Catalysis)	Discovery: Cooperative Catalysis Duncan Wass, (U Cardiff)
11-11.20	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>
11.20-12.20	Computational quantum chemistry in homogeneous and bio-catalysis Michael Buehl (U St Andrews)	Principles of Heterogeneous Catalysis Jillian Thompson (QUB)	Tricks of the Trade – Aspects of commercial catalyst manufacturing Gerda Kamsma (Iqatalyst.)	The Fundamentals of Catalysis on the Molecular Level. Richard Catlow, (UCL)	Synthetic Biotransformations Helen Hailes (UCL)
12.30-2	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	Closing remarks, Lunch
2-3	Electrocatalysts for hydrogen technologies Chris Zalitis (JM) Alex Martinez (JM)	From lab bench to plant: Scaling-up a Process Les Bolton (formerly BP Group Technology)	Protecting intellectual property John Ridland (Johnson Matthey)	Industrial Catalysis – from experiments to production and application John Runnacles, (MCGC)	
3-4	Cat in a Hot Tin Tube: Designing reactors to suit the catalysis Hugh Stitt, (JM)	Workshop Chemical and Process Engineering in Catalysis – Jon Deeley (INEOS Acetyls)	Adding value: Catalytic transform ⁿ of waste bio-oils David Cole-Hamilton (U St Andrews)	High Throughput Experimentation in Heterogeneous Catalysis Benjamin Mutz, (hte)	Meeting ends
4-4.20	<i>Coffee</i>		<i>Coffee</i>	<i>Coffee</i>	
4.20-5.20	Engineering a process Christian Wix (Haldor Topsoe)	Konstantin Luzyanin (UoL) Jon Iggo (UoL) 'til 6.30 pm		Photocatalysis Mike Bowker, (U Cardiff)	
6-9	Poster Session & Mixer			Conference Dinner	