

Programme

March 17th 2014

14.00 - 18.00	Registration
16.00 - 17.30	Optional Workshop Redefining the 21st Century End-to-End Pharma Supply Chain Led by Jag Srai, Cambridge Institute for Manufacturing, UK
18.00 - 19.30	Welcome Reception at Robinson College, Cambridge

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09.00	Plenary Lecture Steven Ley, University of Cambridge, UK
	Session 1: Continuous Flow at Production Scale
09.45	Process Development in Flow for Industrial Production Dominique Roberge, Lonza, Switzerland
10.15	Exhibitor Perspective: Charlotte Wiles, Chemtrix BV, The Netherlands
10.30	Refreshments, Exhibition and Posters
11.15	Comparison of Batch and Continuous Processes: Science or Flip of a Coin? Antonio Quintieri, Procter & Gamble, Belgium
11.45	Some Examples of Process Intensification in Raptor Massimo Bertoldi, La Mesta Chimie Fine, France
12.15	Exhibitor Perspective: Dirk Kirschneck, Microinnova Engineering GmbH, Austria
12.30	Stephanie Peschke, Ehrfeld Mikrotechnik BTS GmbH, Germany
12.45	Lunch, Exhibition and Posters
	Session 2: Scale Up of Exothermic and Hazardous Chemistry
14.00	Continuous Flow Process for Industrial (Pharmaceutical) Manufacturing Jaeyon Yoon, SK Life Science Inc, USA
14.30	Influence of Process Choice on Selection Between Batch and Trickle-bed Flow Operation, exemplified by Hydrogenation of Phenol Jasbir Singh, HEL Ltd, UK
15.00	Exhibitor Perspective: Mike Hawes, Syrris, UK
15.15	Robert Ashe, AM Technology, UK
15.30	Refreshments, Exhibition and Posters
16.15	Plenary Lecture Implications of Continuous Flow Technologies on Pharma Supply Chains Jag Srai, Cambridge Institute for Manufacturing, UK

	Session 3: Continuous crystallisation
17.00	Continuous Crystallisation for Control of Pharmaceutical Products Alastair Florence, University of Strathclyde, UK
17.30	From Substance to Product - An Industrial Perspective on Continuous Processing Amy Robertson, Astrazeneca, UK
18.00	Talks End
19.30	Cocktail Reception and Symposium Dinner in The Old Courts Dining Hall of Gonville and Caius College, Cambridge
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09.00	Plenary Lecture Developing Continuous Processes – from Ad hoc to Advanced Paul Sharratt, Institute of Chemical and Engineering Sciences (ICES), Singapore
	Session 4: Comparison of Batch and Continuous Processes
09.45	Continuous Processes - Sustainable Manufacturing Jörg Schrickel, CABB AG, Switzerland
10.15	Exhibitor Perspective: Andrew Mansfield, Vapourtec Ltd, UK
10.30	Carsten Damerau, HNP Mikrosysteme GmbH Germany
10.45	Refreshments, Exhibition and Posters
11.30	Demonstration of a Heterogeneously Catalysed Five Phase Reaction in Continuous Flow Leon Geers, TNO (The Netherlands Organisation for Applied Scientific Research), The Netherlands
12.00	Implementation of Flow Chemistry: From Research to Production Angelina Prokofyeva, Bayer Technology Services GmbH, Germany
12.30	Exhibitor Perspective: Franz M. Schaper, cetoni, Germany
12.45	Asynt (Uniqsis) tbc
13.00	Lunch, Exhibition and Posters
	Session 5: Continuous Flow Technology for the Fine & Pharma Industries
14.15	The Case for Dedicated Fine Chemical Manufacturing Ollie Tames, IntensiChem Ltd, UK
14.45	Going Green – Profitably: Developing a ‘Business Case’ for Continuous Processing Peter Poechlauer, DSM Fine Chemicals Austria Nfg GmbH & Co KG, Austria
15.15	Continuous Production of Antimalarial APIs Through a Tandem Flow Process Alexei Lapkin, University of Cambridge, UK
15.45	Talks End