

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 through enhanced Manufacturing Flexibility <i>Led by Jag Srai, Cambridge Institute for Manufacturing, UK, and Simon Rushworth, Chemistry Innovation KTN, UK</i>
18.00 - 19.30	Welcome Reception and Exhibition at Robinson College, Cambridge

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09.00	Keynote Lecture New Tools for Molecule Makers <i>Steven Ley, University of Cambridge, UK</i>
	Session 1: Continuous Flow at Production Scale. Chair: Gareth Jenkins
09.45	Process Development in Flow for Industrial Production <i>Dominique Roberge, Lonza, Switzerland</i>
10.15	Exhibitor Perspective: <i>Charlotte Wiles, Chemtrix BV, The Netherlands</i>
10.30	Refreshments, Exhibition and Posters
11.15	Comparison of Batch and Continuous Processes: Science or Flip of a Coin? <i>Antonio Quintieri, Procter & Gamble, Belgium</i>
11.45	Some Examples of Process Intensification in Raptor <i>Massimo Bertoldi, La Mesta Chimie Fine, France</i>
12.15	Exhibitor Perspective: <i>Dirk Kirschneck, Microinnova Engineering GmbH, Austria</i>
12.30	<i>Stephanie Peschke, Ehrfeld Mikrotechnik BTS GmbH, Germany</i>
12.45	Lunch, Exhibition and Posters
	Session 2: Diversity of Continuous Flow Chemistry. Chair: Mark Bratt
13.45	Continuous Flow Process for Industrial (Pharmaceutical) Manufacturing <i>Jaeyon Yoon, SK Life Science Inc, USA</i>
14.15	Influence of Process Choice on Selection Between Batch and Trickle-bed Flow Operation, exemplified by Hydrogenation of Phenol <i>Jasbir Singh, HEL Ltd, UK</i>
14.45	Continuous flow RAFT polymerisation <i>Christian Hornung, CSIRO Materials Science & Engineering, Australia</i>
15.15	Exhibitor Perspective: <i>Mike Hawes, Syrris, UK</i>
15.30	<i>Carsten Damerau, HNP Mikrosysteme GmbH, Germany</i>
15.45	Refreshments, Exhibition and Posters
16.15	Keynote Lecture Implications of Continuous Flow Technologies on Pharma Supply Chains <i>Jag Srai, Cambridge Institute for Manufacturing, UK</i>

	Session 3: Continuous Crystallisation.	Chair: Craig Johnston
17.00	Continuous Crystallisation for Control of Pharmaceutical Products <i>Alastair Florence, University of Strathclyde, UK</i>	
17.30	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	Keynote Lecture Developing Continuous Processes – from Ad hoc to Advanced <i>Paul Sharratt, Institute of Chemical and Engineering Sciences (ICES), Singapore</i>	
	Session 3: Continuous Crystallisation (continued).	Chair: Craig Johnston
09.45	From Substance to Product - An Industrial Perspective on Continuous Processing <i>Amy Robertson, Astrazeneca, UK</i>	
10.15	Exhibitor Perspective: <i>James Holloway, Fullbrook Systems Ltd, UK</i>	
10.30	<i>Gilda Gasparini, AM Technology, UK</i>	
10.45	Refreshments, Exhibition and Posters	
	Session 4: Comparison of Batch and Continuous Processes.	Chair: Bruce Lane
11.15	Continuous Processes - Sustainable Manufacturing <i>Jörg Schrickel, CABB AG, Switzerland</i>	
11.45	Demonstration of a Heterogeneously Catalysed Five Phase Reaction in Continuous Flow <i>Leon Geers, TNO (The Netherlands Organisation for Applied Scientific Research), The Netherlands</i>	
12.15	Implementation of Flow Chemistry: From Research to Production <i>Angelina Prokofyeva, Bayer Technology Services GmbH, Germany</i>	
12.45	Exhibitor Perspective: <i>Franz M. Schaper, cetoni, Germany</i>	
13.00	<i>Aki Tomita, Saida FDS – Pacific Microwave Technologies, USA</i>	
13.15	Lunch, Exhibition and Posters	
	Session 5: Continuous Flow Technology for the Fine & Pharma Industries. Chair: Simon Rushworth	
14.15	The Case for Dedicated Fine Chemical Manufacturing <i>Ollie Tames, IntensiChem Ltd, UK</i>	
14.45	Going Green – Profitably: Developing a ‘Business Case’ for Continuous Processing <i>Peter Poechlauer, DSM Fine Chemicals Austria Nfg GmbH & Co KG, Austria</i>	
15.15	Continuous Production of Antimalarial APIs Through a Tandem Flow Process <i>Alexei Lapkin, University of Cambridge, UK</i>	
15.45	Talks End	