

Symposium: High Throughput Experimentation

Thursday morning 23 June

This symposium has been designed to update R&D and formulation chemists as well as outsourcing professionals about recent advances in technologies which allow the design and exploration of effective high throughput (HT) experimentation methodologies for speciality chemicals. Topics to be covered include: high throughput screening in heterogeneous/homogeneous catalysis and process optimisation; the challenge of HT approaches to multi component formulation; HT differentiation of catalyst formulations; on-line monitoring in HT controlled free radical polymerisations; case studies in the use of HT in process development and molecular informatics tools for data analysis and discovery.

08.00 - 09.00	Registration
Session 1	Chairman: Dr Steve Fletcher, Director, InsightFaraday Partnership
09.00 - 09.15	High Throughput Technologies in the Chemicals Sector <i>Dr Steve Fletcher, Director, InsightFaraday Partnership, UK</i>
09.15 - 09.45	Rational High Throughput Screening in Chemical Applications <i>Dr. Alan A. Smith, Vice President Business Development, Avantium Technologies BV, Netherlands</i>
09.45 - 10.15	Challenges in Applying High Throughput Approaches to Speciality Chemicals <i>Dr John Carroll, ICI Strategic Technology Group, Wilton, UK</i>
10.15 - 10.45	High Throughput Catalysis Workflow Applied to Emission Control R&D <i>Dr Wolfgang Strehlau, hte Aktiengesellschaft, Germany</i>
10.45 - 10.55	Discussion & Question Time on Session 1
10.55 - 11.20	Refreshments
Session 2	Chairman: Dr Steve Fletcher, Director, InsightFaraday Partnership
11.20 - 11.50	Online Monitoring of Controlled Radical Polymerisation Reactions <i>Mr John McConville, Polymer Laboratories, Amherst, Massachusetts, USA</i>
11.50 - 12.20	Efficiency in Process Research <i>Dr Nick Evens, Avecia Pharmaceuticals, UK</i>
12.20 - 12.50	Molecular Informatics Tools for Data Analysis and Discovery <i>Professor Robert C Glen, Unilever Centre for Molecular Sciences Informatics, University Chemical Laboratory, Cambridge, UK</i>
12.50 - 13.00	Discussion & Question Time on Session 2
13.00	End

Masterclass: Scale Up - Bench to Kilo Scale

Leader: Rick Dyer, SAFC Pharma

Thursday afternoon 23 June

This Masterclass is primarily of interest to individuals who are involved in the rapid scale up of chemical processes from initial discovery through to kilogramme supplies and those who outsource such activities. It focuses on identifying what changes need to be made to the chemistry, how to cope with the unknown and how to deliver in the shortest possible time.

SAFC Pharma are one of the UK's leading service providers of rapid scale up and development. Dr. Dyer has nearly twenty years experience of this challenging aspect of chemistry gained at Glaxo, Chiroscience and Roche.

13.30 - 14.00	Registration
14.00 - 17.00	Scale Up - Bench to Kilo Scale <i>Leader: Rick Dyer, SAFC Pharma</i>
17.00	End