

Royal Society of Chemistry
Industry and Technology Forum
Speciality Chemicals Sector

RS·C
ROYAL SOCIETY OF CHEMISTRY

ChemSource 2005

Contract Manufacturing & Services Expo

Symposium
High Throughput
Experimentation

22 - 23 June
Messe
Düsseldorf
Germany

Masterclass
Scale Up
- Bench to Kilo Scale



In association with



ChemSource 2005

Contract Manufacturing & Services Expo

During the second day of the ChemSource 2005 Exhibition, which will be held alongside ChemSpec 2005 in the Messe, Düsseldorf, Germany, the Royal Society of Chemistry, Speciality Chemicals Sector, will be holding a half-day symposium on High Throughput Experimentation and a half-day masterclass on Scale Up. The contributors to the symposium and the presenter of the masterclass are all internationally known in their fields.

The symposium in 2005, entitled '**High Throughput Experimentation**', has been designed to update chemists on technologies and techniques for improving the R&D productivity of speciality chemicals.

The masterclass, entitled '**Scale Up - Bench to Kilo Scale**' being lead by Rick Dyer of SAFC Pharma, will include an introduction, a look at the current state of the art, best practices and case studies. Full documentation will be provided in the form of a masterclass manual. The masterclass is recognised as part of Continuing Professional Development of RSC Members.

The symposium and the masterclass are stand alone and can be registered for separately. Registration fees have been set very attractively and free admission to ChemSource and ChemSpec exhibitions in the Messe is included. A limited number of places are available for retired members and students at a discount of 50%.

Who should attend: Staff employed in R&D, contract manufacturing, and service companies from the chemical, pharmaceutical and biotech areas.

Places in the masterclass are limited to 15 and early application is essential. Applications will be accepted on a 'first come first served' basis.

Sponsored by:

Insight

High Throughput Experimentation

SAFC Pharma
Speciality Chemicals

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

ChemSource 2005

SYMPOSIUM & MASTERCLASS



APPLICATION FORM

Please complete in capitals or type or attach a business card and return to the Secretariat

Secretariat:- Dr Ruth M Lane, Howell Croft, Cow Lane, Norley, Frodsham, Cheshire WA6 8PW, UK.

Tel: +44 (0) 1928 788 071; Fax: +44 (0) 1928 788 684; E-Mail: ruthlane@fish.co.uk

Last Name:

First Name:

Prof/Dr/Mr/Mrs/Ms:

Organisation:

Mailing Address:

Postcode:

Email:

Tel:

Fax:

REGISTRATION

Please register me for the following events:

Title:

Title:

<input type="checkbox"/> RSC Member	<input type="checkbox"/> RSC Non Member	<input type="checkbox"/> Student/Academic/Retired
Fees:	Fees:	Fees:
1 Event £250 <input type="text"/>	1 Event £300 <input type="text"/>	1 Event £150 <input type="text"/>
2 Events £400 <input type="text"/>	2 Events £500 <input type="text"/>	2 Events £250 <input type="text"/>
Please add 17.5% VAT <input type="text"/>	Please add 17.5% VAT <input type="text"/>	Please add 17.5% VAT <input type="text"/>
TOTAL <input type="text"/>	TOTAL <input type="text"/>	TOTAL <input type="text"/>

VAT receipts will be issued

PAYMENT DETAILS

Please tick your chosen method

- By purchase order after receipt of invoice
- By cheque, payable to RSC ChemSource, enclosed with this form
- By credit card after receipt of form from Secretariat

By Bank Transfer to:
Bank of Scotland,
Manchester Branch,
19-21 Spring Gardens,
Manchester M2 1FB, UK
A/c Name: RSC ChemSource
A/c number: 00773788
Sort Code: 12-08-95

The information provided will be stored in an electronic database. If you do not want your details to appear in the Participants List please put a cross in the box

GENERAL INFORMATION

Location

The symposium and masterclass will be held at the Messe, Düsseldorf. The Messe is close to Düsseldorf International Airport. Information on how to get to the venue will be sent on registration. A map of the internal layout of the Messe and how to find the symposium and masterclass locations will be provided on registration.

Exhibition

ChemSource 2005, presented by the organisers of ChemSpec Europe, is the fourteenth contract manufacture and services exhibition and takes place on Wednesday and Thursday 22nd -23rd June at the Messe, Düsseldorf. Potential exhibitors should contact Mark Boden, dmg world media (UK) Ltd, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS; Tel: +44 (0) 1737 855091; Fax: +44 (0) 1737 855469 for further information, or visit www.chemspeceurope.com. The exhibition will provide delegates with a valuable opportunity to discuss contract R&D, custom manufacture and specialist services such as high throughput equipment design and supply with some 50 exhibitors.

Registration and Fees

Please complete the registration form (or a copy) and submit it to the Symposium Secretariat. Alternatively, complete the online registration form at www.chemsourcesymposia.org.uk. Choose your preferred method of payment and invoices will be sent to delegates indicating whether payment has been received or is still due. Fees must be paid by 16th June. The registration fee includes attendance at the event(s) registered for and the ChemSource and ChemSpec Exhibitions, the symposium preprints and/or the masterclass manual and mid-morning and mid-afternoon refreshments.

Meals

There are ample catering facilities at the Messe for those wishing to purchase meals or snacks.

Accommodation

The link below gives access to a full list of hotels and prices near the Messe and an online booking service: www.duesseldorf-tourismus.de

Cancellation

Before 28th May an administration fee of 10% will be charged, from 30th May to 17th June the cancellation fee will be 50%. No shows on the day will be charged the full rate. Companies can substitute participants.

Organising Committee

David E Allen (Consultant), Dr Steve Fletcher (InsightFaraday Partnership),
Dr Bill Hoyle (RSC Speciality Chemicals Sector),
Dr Dennis Keight (RSC Speciality Chemicals Sector),
Dr Bruce Lane (Consultant), Dr Ruth Lane (RSC Speciality Chemicals Sector).

Secretariat

Dr Ruth M Lane, Howell Croft, Cow Lane, Norley, Frodsham, Cheshire WA6 8PW, UK.
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