



1st RSC/ SCI Symposium on Continuous Processing and Flow Chemistry

Wednesday 3 - Thursday 4 November 2010

GlaxoSmithKline Stevenage, Herts, UK

RSC | Advancing the
Chemical Sciences

Organised by SCI's Fine Chemicals Group and RSC's
Biological & Medicinal Chemistry Sector


SCI
where science meets business

Wednesday 3 November

Programme

- 09:00 Registration, refreshments & exhibition
- 09.50 **Introduction & welcome**
Chair: TBC
- 10.00 *Plenary Lecture 1*
Photochemistry, Reactive Intermediates and Polymerizations in Flow
Prof. Peter Seeberger, Max Planck Institute of Colloids and Interfaces, Germany
- 10.50 **New Opportunities for Synthesis using Flow Chemistry**
Prof. Thomas Wirth, Cardiff University, United Kingdom
- 11.30 **TBA**
Dr. Christina Thompson, Abbott Laboratories, USA
- 12.10 Lunch and exhibition
Poster session open from 12.40
- 13.25 **Afternoon opening remarks**
Chair: TBC
- 13.30 **Application of Flow Reactors within Drug Discovery**
Dr. Elizabeth M. Doherty, Amgen Inc, USA
- 14.10 *Plenary Lecture 2*
Sustainable Chemistry through Novel Process Windows and System Integration in Micro Process Technology
Prof. Volker Hessel, Eindhoven University of Technology, Netherlands
- 15.00 **Chemistry & Biology on the Small Scale: Continuous and Segmented Flow Microfluidics**
Prof. Andrew de Mello, Imperial College London, United Kingdom
- 15.40 Refreshments, exhibition and posters
- 16.10 Chair: xxxx
- 16.15 *Plenary Lecture 3*
Multistep flow chemistry in micro and meso scale reactors
Prof. Klavs F. Jensen, Massachusetts Institute of Technology, USA
- 17.05 **Continuous flow reactors for gas/liquid chemical processes**
Prof. Graham Sandford, Durham University, United Kingdom
- 17.45 Wine mixer and exhibition
Poster session opens from 18.00
- 19.15 Coach to conference dinner
- 19.45 Conference Dinner



Thursday 4 November

- Programme**
- 09:00** Registration, refreshments & exhibition
- 09.15** **Introduction & welcome**
Chair: TBC
- 09.20** **TBA**
Prof. Andreas Kirschning, Leibniz University of Hannover, Germany
- 10.00** **Continuous Synthetic Photochemistry: Theory, Practice & Opportunities**
Prof. Kevin Booker-Milburn, University of Bristol, United Kingdom
- 10.40** **Applications of Flow Chemistry in Early Stage Pharma Discovery**
Mr Rob Wheeler, GSK Stevenage, United Kingdom
- 11.10** Refreshments, exhibition and posters
- 11.40** **Automating Chemical Synthesis through Flow Chemistry**
Dr Neal Sach, Pfizer, USA
- 12.20** **Evaluation of Flow Technology at AstraZeneca**
Dr. Ash Mahmood, AstraZeneca, United Kingdom
- 13.00** Lunch and exhibition
Poster session open from 13.30
- 14.15** **Afternoon opening remarks**
Chair: TBC
- 14.20** **Going Against the Flow**
Dr Malcolm Berry, Chem Dev. GlaxoSmithKline, United Kingdom
- 15.00** *Plenary Lecture 4*
Flow Chemistry: Recent Developments
Prof. Steven V. Ley, University of Cambridge, United Kingdom
- 15.50** **An Integrated Flow Synthesis and Biological Screening Platform for Drug Discovery**
Mr Chris Selway, Cyclofluidic, United Kingdom
- 16.30** **Closing remarks**

With thanks to our sponsors:



Synopsis

More info for the synopsis.....

This new two day meeting is the inaugural UK Flow Chemistry Conference being promoted by both SCI and RSC as an important area for the Future of Chemistry. It is hoped that the international speaker list and exciting spread of themes will attract and interest delegates from both academia and industry.

The meeting is directed at both individuals with a curiosity into what Flow is and how it may benefit them or their organisations (covering aspects from microfluidics to production scale manufacture) and those people already involved in the area (by highlighting the latest developments and cutting edge research to further stimulate appetites).

Posters

The conference will include a poster session and interested delegates are strongly encouraged to submit early applications for poster, as numbers will be limited. Please send a one-page abstract to conferences@soci.org. Bursaries will be offered to a limited number of student poster presenters. Bursaries will cover delegate fees, the conference dinner and up to £50 travel expenses.

5% discounts apply to all SCI conferences by booking online at www.soci.org

Dinner

The Conference Dinner takes place at the Ramada Cromwell. Buses will transfer delegates from GSK to the dinner venue and drop them to Stevenage station after dinner. The cost is only £40 per person for a 3 course dinner including wine in the lovely setting of an old style traditional hotel which was once a farmhouse. The Ramada Cromwell is based in the Old Town of Stevenage. Please book your place on the dinner by booking online at www.soci.org or by completing the booking form overleaf. This is an excellent opportunity to continue networking and discussions with your fellow delegates in a more relaxed and comfortable environment.

Exhibition

As part of the symposium, the following companies will be exhibiting:

- Accendo
- Cambridge Reactor Design
- Chemtrix
- Kinesis
- Mettler-Toledo
- Syrris
- ThalesNano
- Uniqsis
- Vapourtec

Information on SCI

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers. For more information on the benefits of joining SCI please go to www.soci.org/membership



Travel

Arriving by Car

The site is approximately 30 miles from London on the A1(M). Exit at junction 7 and take the 602 Eastbound towards Hertford and Ware. At the first roundabout take the third exit and you will see the entrance to the site. The security Reception is a further 50 yards on the left. There is a visitor's car park at GSK Stevenage.

Arriving by Air

Stevenage is 12 miles from Luton Airport, 35 miles from Heathrow Airport and 35 miles from Stansted Airport.

Arriving by Bus

The Stevenage site is not supported by a regular bus service.

Arriving by Train

The site is about 25 minutes walk from Stevenage Train Station. Intercity trains stopping at Stevenage run from Kings Cross via Finsbury Park on the line to Peterborough, York, Newcastle and Edinburgh. There is a taxi rank beside the station. Taxi's to GSK cost approximately £5/ £6.

Taxi

From Stevenage train station, when you come out of the ticketing area, turn left and then next left down the stairs to the Taxi rank.

Taxi numbers:

+ 44 (0) 1438 72 8866

+ 44 (0) 1438 727277

+ 44 (0) 1438 317777

More details and a map can be found at www.soci.org

Accommodation

A large number of rooms have been reserved at the Ramada Cromwell in Stevenage. Quote Event no.25868 to book at the special conference rate of £76.00 per person for Bed and Breakfast. We advise you to book your room as early as possible as rooms will be released a month before the conference. The conference dinner on Wednesday 3 November will also be held at this hotel. The hotel is a short drive/ taxi ride from both Stevenage Train Station and GSK.

Ramada Cromwell

High Street, Old Town, Stevenage, Herts, SG1 3AZ

Tel: 01438 779954 Fax: 01438 742169

There are also a number of other hotels in Stevenage Town Centre including an Ibis, Holiday Inn and Holiday Inn Express.

Organisers

Jason Tierney, BioFocus

Andrew Mansfield, Pfizer

Dave Parry, Cyclofluidics

Ged Giblin, GlaxoSmithKline

Ian Clemens, Novartis

Ian Baxendale; University of Cambridge

Simon Peace, GlaxoSmithKline

Titles for organisers? i.e. Mr/ Dr?

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3 - 4 November 2010 @ GSK Stevenage, Herts, UK

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Cancellations: Received in writing 1 to 3 weeks prior to the meeting will be subject to a 20% administration charge. Refunds cannot be made for cancellations received after this period although substitutions may be made. Should unforeseen circumstances occur, SCI reserves the right to alter the content of the programme and cancel or postpone any of its meetings without notice or, in the case of complete cancellation, liability to enrolled delegates other than return of fees.

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