

Flow Chemistry & Continuous Processing



**SCIENTIFIC
UPDATE**

We've got chemistry

A 2-day Conference and Exhibition

Royal Sonesta Hotel | Cambridge, Boston, USA

PROGRAMME

Monday 8 April 2019

From 8.15 **Registration**

Morning Session Chair: **Dr John Studley, Scientific Update Ltd, UK**

8.55 **Opening Remarks**

9.00 **Dr Peter Pöchlauer | Patheon, USA**

Development and Scale-Up of Continuous Flow Processes for the Manufacture of Active Pharmaceutical Ingredients

9.45 **Dr David Smith | Vertex Pharmaceuticals, USA**

Leveraging Innovative Chemistry at the Speed of Flow

10.30 **Coffee and Exhibition**

11.15 **Dr Gordon R Lambertus | Eli Lilly and Company, USA**

Innovative Sampling Solutions for Online Chromatography: From Process Development to Control Strategies for Continuous Drug Substance Manufacturing

12.00 **Dr Charlotte Wiles | Chemtrix, The Netherlands**

Continuous Primary Processing - From an R&D Concept to implementation at an Industrial Scale

12.45 **Lunch and Exhibition**

Afternoon Session Chair: **Dr James Bruno | Chemical and Pharmaceutical Solutions**

2.15 **Dr André De Vries | InnoSyn B.V, The Netherlands**

3D Metal Printing: Creating the Best Fit for Purpose Flow Reactor for your Demanding Type of Chemistry

3.00 **Mr Hiroaki Yasukouchi | Kaneka, Japan**

Continuous Flow Synthesis for Pharmaceutical Intermediates

3.45 **Coffee and Exhibition**

4.15 **Dr Kaid Harper | Abbvie, USA**

Using Flow Chemistry to Scale the Unscalable

Flow Chemistry & Continuous Processing

5.00 **KEYNOTE SPEAKER**
Professor Tim Jamison, MIT, USA
On-Demand Synthesis



6.00 **End of Day 1 and Welcome Reception – Drinks and Canapes in the Riverfront**

Tuesday 9 April 2019

Morning Session Chair: Dr Charlotte Wiles | Chemtrix

8.25 **Opening remarks**

8.30 **Dr Jayachandran Devaraj** | The Dow Chemical Company, USA
Mind your Flow Process, Continuously

9.15 **Dr Shawn E. Conway** | Cambrex, USA
Practical Application of Continuous Flow Process Development

10.00 Coffee and Exhibition

10.45 **Dr Jason Mustakis** | Pfizer, Country
On the Development of a Trickle Bed Reactor for Pharmaceutical Application – Focus on Hydrogenation

11.30 **KEYNOTE SPEAKER**
Professor Oliver C. Kappe | University of Graz, Austria
Scaling Hazardous Reactions in Flow



12.30 **Lunch and Exhibition**

Afternoon Session Chair: Dr John Studley, Scientific Update Ltd, UK

1.45 **Dr Matthew Bio** | Snapdragon Chemistry, Inc., USA
Mighty Machines; Development and Rapid Scaling of Efficient Drug Substance Processes in Purpose-built Reactors Enabled by Continuous Manufacturing Technology

2.30 **Dr Stephen Born** | CONTINUUS Pharmaceuticals
Development of a Continuous Slurry Reaction and the Application of PAT in the Integrated Continuous Manufacturing of a Small Molecule Pharmaceutical

3.15 **Dr James Bruno** | Chemical and Pharmaceutical Solutions, Inc. USA
Flow Chemistry-Where are we today

4.00 **Conference Finishes**

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