

# Flow Chemistry & Continuous Processing



**SCIENTIFIC  
UPDATE**

*We've got chemistry*

## **A 2-day Conference and Exhibition**

Royal Sonesta Hotel | Cambridge, Boston, USA

## **PROGRAMME**

### Monday, April 8, 2019

From 8.15 **Registration**

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

8.55 **Opening Remarks**

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

*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 in the Dante Restaurant**

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

2.00 **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*

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

*Continuous Flow Synthesis for Pharmaceutical Intermediates*

3.30 **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, April 9, 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, USA  
*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 in the Dante Restaurant**

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

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, USA  
*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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**KANEKA**