

The Scale-Up of Chemical Processes



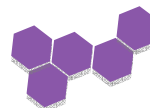
**SCIENTIFIC
UPDATE**

We've got chemistry

A 3-day Conference and Exhibition

**Hotel, Rochester,
USA**

21 - 23 June 2017



PROGRAMME

Tuesday, June 20th 2017

- 15.00 – 17.30 **Exhibition Set-up**
19.30 – 21.30 **Speakers' Reception**

Wednesday, June 21st 2017

From 8.15 **Registration**

Morning Session Chairman: *Dr Will Watson | Scientific Update, UK*

- 8.55 **Opening Remarks**
9.00 **Dr Jim Bruno** | Chemical & Pharmaceutical Solutions, USA
Continuous Processing and the FDA
9.45 **Dr Olivier Dapremont** | Ampac Fine Chemicals, USA
Title to be confirmed
10.30 **Coffee and Exhibition**
11.15 **Dr Emma McInturff** | Pfizer, USA
Title of Talk
12.00 **Dr Wim Dermaut** | Agfa Materials, Belgium
Title of Talk
12.45 **Lunch and Exhibition**

Afternoon Session Chairman:

- 14.00 **Dr Vincent Ferey** | Sanofi, France
Title of Talk
14.45 **Dr Hannah Murnen** | Compact Membrane Systems, USA
Drying TBHP/Nonane by Pervaporation
15.30 **Coffee and Exhibition**
16.15 **Dr Pär Holmberg** | Cambrex, USA
A Novel Industrial Process for the Manufacturing of Hydromorphone from Hydrocodone

17.00 **Dr Alex Kolchinski** | Johnson Matthey Pharma Services, USA
Process Development, Solid-Phase Characterization and Multi-Kilo Production of Metalloporphyrin AEOL 10150

17.45 **Welcome Reception kindly sponsored by**



Thursday, June 22nd 2017

Morning Session Chairman:

8.55 **Opening remarks**

9.00 **Mr Abraham Schuitman** | Dow, USA
Title to be confirmed

9.45 **Speaker to be confirmed** | Hovione, Country
Title of Talk

10.30 **Coffee and Exhibition**

11.15 **Dr John W. Harder** | Kodak, USA
Industrial Process for the Manufacture of an Oxazole UV Dye for Graphics Application

12.00 **Mr John F. MacGregor** | ProSensus, USA
Data-Driven, Model-Based Approaches to the Scale-Up, Transfer and Alignment of Processes

12.45 **Lunch and Exhibition**

14.00 – Evening **SITE VISIT –
Kodak**

Kodak Specialty Chemicals is located in Eastman Business Park, which is a 5-mile long, 1200-acre facility, and a city within a city. On the tour, see how Kodak employs its multipurpose facilities and principles of six-sigma and lean manufacturing in process development and operations to serve diverse markets such as Pharma and Agrochemicals. The tour will be followed by a catered dinner, drinks, and picture-taking with our Oscar statuette. Transportation to the event and back to the hotel will be provided.



Friday, June 23rd 2017

Morning Session Chairman: *Dr Will Watson | Scientific Update, UK*

- 8.55 **Opening remarks**
- 9.00 **Dr Paul Gauvreau** | Johnson Matthey, USA
The Evolution of a Production Process for Oxycodone HCl
- 9.45 **Dr Rich Fox** | Bristol Myers Squibb, USA
Highlights in the Development of a Commercial Synthesis for a Late-Stage Active Pharmaceutical Ingredient (BMS-911543)
- 10.30 **Coffee and Exhibition**
- 11.15 **Dr Nizad Haddad** | Boehringer-Ingelheim, USA
Title of Talk
- 12.00 **Dr Sebastian Härtner** | **EMD Performance Materials** is a business of Merck KGaA, Darmstadt, Germany
Smart Scale-Up, Establishing a Modular Multi Process Concept
- 12.45 **Dr Adi Kattuboina** | AMRI, USA
Optimization of a Directed Hydrogenation by Design of Experiments
- 13.30 **Conference Ends**
- 14.30 – 17.00 **OPTIONAL SHORT COURSE –
Polymorphism & Crystallisation**

Tutor: Dr Will Watson | Scientific Update Ltd

This short course will start with an introduction and overview on the subject of crystallisation and polymorphism, and will then include a series of case studies designed to examine particular aspects of the subject. The case studies will include modifying a crystallisation to control particle size distribution, the issue of appearing and disappearing solid forms, such as polymorphs, hydrates, and solvates, and show how various companies approach different problems. In addition some comments on online and offline analysis of crystallisation systems will be included.

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