



# SCIENTIFIC UPDATE

*We've got chemistry*

## The Scale-Up of Chemical Processes

Industrial Case Studies Focussing on Chemistry,  
Chemical Engineering, Quality and Safety Issues

The 17th International Conference and Exhibition

### 21-23 JUNE 2017

**Early Bird  
SAVE \$500**

if you book before  
31st March  
2017



Rochester,  
New York, USA  
The Radisson Hotel

Plus an optional half-day  
Short Course on  
**Polymorphism & Crystallization**

Platinum  
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"A highly  
concentrated  
forum for discussing relevant  
challenges in process  
development that also provides  
opportunity for free discussion  
in casual settings to delve  
deeper into discussion with  
subject matter experts."

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# The Scale-Up of Chemical Processes

The 17th International Conference and Exhibition

21-23 June 2017 Rochester, New York, USA, The Radisson Hotel

"Excellent programme covering chemistry, engineering and regulatory scale-up topics in a very balanced way."  
Dottikon

## Why Attend?

### Benefits of attending this conference?

- > **Benefit by learning:** from leading international speakers who will present important detailed case studies
- > **Learn from** a wide range of academic and industrial case studies given by hand-picked industrial speakers.
- > **Learn how** your peers are developing solutions to common problems
- > **Gather** important information on technical developments
- > **Bring yourself up-to-date** on current developments and future trends.
- > **Meet and network** with the key people working in the industry
- > **Save time.** Scientific Update always invite experts in their fields who can impart important information to you right now in an informal atmosphere.

## Who should attend?

- > **Process Development & Production Chemists**
- > **Chemical Engineers in Industry**
- > **Technical Managers**
- > **Heads of Departments & Team Leaders**
- > **Quality Assurance Personnel**
- > **Safety Specialists**

## What's included?

- > Attendance at all the sessions
- > Set of colour conference proceedings & CD
- > Lunch & refreshments daily
- > Access to the exhibition
- > Place at the Welcome Reception
- > FREE Poster Board

**Whether you are a chemist, chemical engineer, QA or safety specialist, your aims when scaling up your process are often the same:**

- > **Achieving greater process efficiency, yield and throughput.**
- > **Eliminating unsafe and non-green processes and materials.**
- > **Decreasing the costs and number of steps involved.**

Since the first conference in 1994, *The Scale-Up of Chemical Processes* Conference has become the major international forum for the discussion of all these aspects of scale-up and more, in the pharmaceutical, fine chemical and allied fields.

Key speakers will present case studies and examples of some of the pitfalls and problems they encountered and how they overcame them.

With unparalleled networking opportunities, this broad-based conference is the best place to learn about and discuss the latest novel ideas and techniques with the key people in the industry.

## About the Organisers

Scientific Update is the leading international provider of conferences, training courses and consultancy services to the worldwide scientific community.

For over twenty years, Scientific Update has been delivering focused continuing education for chemists and chemical engineers in the pharmaceutical, fine chemical, agrochemical, flavour and fragrance, and process chemistry markets.

Scientific update is the acknowledged leaders in its field.

## Conference Fees

Delegate fee	\$1995
Exhibitor Package (includes one exhibitor attending)	\$2800
Additional Exhibitors	\$800
Academic rate	\$600*
Please contact us to obtain this special rate	
Optional Short course fee	\$400

## Conference Timings

### Wednesday 21 June

8.55am – 5.45pm Conference in session  
6.00pm – 7.30pm Welcome Reception

### Thursday 22 June

8.55am – 12.45pm Conference in session  
2.00pm – 5.30pm Kodak Site Visit

### Friday 23 June

8.55am – 12.45pm Conference in session  
2.00pm – 5.30pm Optional Short Course

## Cancellation Policy

Please complete and return the form overleaf with full payment details. Cancellation must be sent in writing. If notice of a cancellation is received more than thirty days prior to the event, the registration fee will be refunded less a \$500 cancellation fee. If notice is received less than thirty days before the event, all fees are forfeited. Substitutions are permitted at any time. Scientific Update reserves the right to alter the arrangements as described due to unforeseen circumstances.

**For the full terms and conditions, please see our website.**

## EXHIBITION OPPORTUNITIES

Why not Exhibit at this prestigious conference. There will be plenty of opportunities to network with key decision makers in a relaxed and informal environment.

**For more details on what the Exhibition package includes, visit our website.**

## 16 International speakers to include:

**Surendra Bhatia,**  
SAPAC Agro, India

**Jim Bruno,**  
Chemical & Pharmaceutical  
Solutions, USA  
*Continuous Processing and the FDA*

**Olivier Dapremont,**  
Ampac Fine Chemicals, USA

**Wim Dermaut,**  
Agfa Materials, Belgium

**Vincent Ferey,**  
Sanofi, France

**Rich Fox,**  
Bristol Myers Squibb, USA  
*Highlights in the Development  
of a Commercial Synthesis for a  
Late-Stage Active Pharmaceutical  
Ingredient (BMS-911543)*

**Paul Gauvreau,**  
Johnson Matthey Pharma  
Services, USA  
*The evolution of a production process  
for Oxycodone HCl*

**John W. Harder,**  
Kodak, USA

**Pär Holmberg,**  
Cambrex, USA  
*A novel industrial process for the  
manufacturing of hydromorphone  
from hydrocodone*

**John F. MacGregor,**  
ProSensus, USA

**Emma McInturff,**  
Pfizer, USA

**Hannah Murnen,**  
Compact Membrane Systems, USA  
*Drying TBHP/Nonane by  
Pervaporation*

**Chris Senanayake,**  
Boehringer-Ingelheim, USA

### Also speakers from:

Hovione, Johnson Matthey,  
and many more...

## SHORT COURSE: Polymorphism & Crystallization



**Tutor:**  
Dr Will Watson, Scientific Update Ltd

**Friday 23 June**  
2.00pm - 5.30pm

This short course will start with an introduction and overview on the subject of crystallization 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 crystallization 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 crystallization systems will be included.

**Short Course Fee: \$400**

## VENUE

**Radisson Hotel Rochester Riverside**  
120 E Main Street, Rochester, NY 14604  
Tel: +1 585 546 6400

The Radisson Hotel Rochester Riverside offers guests a central downtown location with a beautiful view of the Genesee River. You can walk across the skyway from the hotel to events at the Rochester Riverside Convention Center, and our free airport shuttle can take you to and from the Greater Rochester International Airport (ROC) in about 10 minutes.

A limited number of rooms have been reserved at the hotel at the special conference rate of \$119 plus taxes and breakfast per room, per night. Details on how to book your accommodation will be sent when you register.

## Why not extend your stay and enjoy the famous Jazz Festival?

**The Rochester International Jazz Festival will start on June 23, 2017.** The festival is held at 18 different venues throughout downtown Rochester's East End cultural district, with 250 concerts performed over nine days. In addition, about 70 free concerts are presented on outdoor stages and other free venues. Over 200,000 people are expected to attend. Proceeds from the festival are given to the Eastman School of Music Jazz Scholarship Program.



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## Platinum Sponsor

Kodak Specialty Chemicals is a Contract Manufacturing Organization (CMO), located in Rochester New York. Kodak's multipurpose facilities have 88 reactor systems (100 to 1000 Gallons), Kilo labs and deep expertise in scale up and high quality manufacturing of complex molecules. Kodak today makes over 500 distinct molecules, (ranging from a few kilograms to hundreds of tons). Kodak's data driven approach to process development and project management has been time tested over decades of experience. Dedicated project managers work closely with customers to execute a fast paced scale up/tech transfer of custom molecules. Kodak; more than film!



## Kodak Site Visit

**Thursday 22 June | 2.00pm**

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 hotel will be provided.



# The Scale-Up of Chemical Processes



## NEW FAST ONLINE REGISTRATION

Why not register quickly online and receive instant confirmation? Look for the **register** button on the event of your choice. [www.scientificupdate.co.uk](http://www.scientificupdate.co.uk)

21-23 June 2017, Rochester, New York, USA

No. Delegates	Early Bird rate	Regular Delegate	Exhibitor Package	Academic rate
<input type="text"/>	<input type="checkbox"/> \$1495 per person (if you book before 31/03/2017)	<input type="checkbox"/> \$1995	<input type="checkbox"/> \$2800 (includes one exhibitor attending)	<input type="checkbox"/> \$600 Please contact us to obtain this special rate
Optional short course I would like to attend (Course Fee \$400) <input type="checkbox"/>			Presentation I would like to present a poster <input type="checkbox"/>	

### First attendee

Company   
Title (Dr/Prof/Mr/Mrs/Ms)   
First name   
Surname   
Job Title   
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Country   
Tel   
Fax   
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(if different from 1st delegate name)  
  
  
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### \* Currency Payments

If you select to pay in GBP or Euros, the amount charged will be based on the exchange rate at the time of preparing the invoice.

### Cancellations/Refunds

Should you be unable to attend and cancel in writing no later than 1 month before the start of the course, Scientific Update will refund your registration less \$500 processing fee. Unfortunately refunds are not possible after that date. Substitutions can be made at any time.

### Data Protection

The personal information on this form may be used by Scientific Update for marketing purposes. If you do NOT wish this information to be disclosed to any third parties, please tick this box.

For full terms of business and payment details please see our website

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