

# The Design, Development and Scale-Up of Safe Chemical Processes and Operations

Principles and Practice

23-25 OCTOBER 2017



Princeton,  
New Jersey,  
USA  
DEKRA Insight

A 3 day course for chemists and  
engineers given by

 **DEKRA** Insight

#### Course Participants, who should attend?

Process R&D Chemists, Production  
Chemists, Chemical Engineers and anyone  
whose responsibilities include safety or risk  
assessment of chemical processes or building  
safety into chemical process scale-up.

"It is very  
useful to chemists  
and chemical  
engineers to do their  
jobs safely."

Cambrex

"A must for  
any new  
process chemist!"

Dover Chemical

## Professional Development Training

Scientific Update provides training courses for industrial chemists and chemical engineers in chemical development and scale-up and many other specialist topics in organic and process chemistry. Our short intensive training courses enable scientists to learn about highly relevant topics, to broaden their knowledge and to keep abreast of new science, new technology and new techniques.

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Register for this  
course by using our  
fast online booking  
system or form on  
page 4 or call  
+44 (0)1435 873062





Start 9.00am - Monday 23 October  
Finish 4.00pm - Wednesday 25 October  
Course dinner 7.00pm - Monday 23 October

**Course Fee: \$1,950**

Which includes comprehensive course manual, refreshments throughout the day, lunch and one course dinner.

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## COURSE TUTORS



**Dr Swati Umbrajkar**  
DEKRA Insight



**Dr Guibing Zhao**  
DEKRA Insight



**Dr Will Watson**  
Scientific Update

Full Tutor biographies on our website.

### What will attendees gain from the course?

- The ability to identify any significant sources of hazard in existing processes or development plans
- An understanding of the latest techniques for assessing risk, and measuring and quantifying chemical process hazards in the work place
- An understanding of the established best practice to reduce the hazard resulting from exothermic reaction systems with a particular emphasis on emergency relief design

### VENUE

DEKRA Insight is an industry-leader in expertise relating to process safety. They have consulting offices in the United States, Europe, and Asia as well as laboratories in Princeton, NJ, Chicago, IL, Kelso, WA, and Southampton, England. DEKRA has international consulting and state of the art ISO 17025 and GLP accredited dust explosion, gas and vapor, flammability, and electrostatic testing laboratories and specialist facilities for the evaluation of thermal runaway reactions and energetic materials (pyrotechnics, propellants, explosives). DEKRA employs a distinguished engineering and scientific staff that includes doctoral-level specialists along with graduate engineers, scientists and technicians. DEKRA

senior consultants are internationally recognized experts in their fields, and many have served on national and international standards committees. We have provided process safety consulting, training, and testing services to almost all of the largest chemical, pharmaceutical, and food processing companies around the world.

For further information telephone +1 609-799-4449 or visit [www.dekra-insight.com/en/](http://www.dekra-insight.com/en/)

**DEKRA Insight**  
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NJ 08540  
USA

### REGISTRATION

You can either use our fast online booking system or mail or fax the attached registration form to:

Scientific Update  
Maycroft Place, Stone Cross, Mayfield,  
East Sussex, TN20 6EW, UK  
Fax Number +44 1435 872734

#### How to Pay

When you register online, you can have the option to pay via credit card (Amex, Mastercard or Visa) For email payments please include course title, card number, expiry date and security code. A receipted invoice will be automatically generated once paid and sent via email. Should your company wish to pay by cheque or bank transfer bank details will be supplied with an invoice.

#### Bank Transfer or Cheque

Should your company wish to pay by cheque or bank transfer, on booking you can choose between paying in either £ or \$. All bank details will be supplied with an invoice.

#### Group Discounts

Group discounts are available on multiples of 2 or more attendees – see registration form. This offer only applies if bookings are made simultaneously and from the same billing address.

#### Confirmation of your registration

Confirmation and your invoice will be sent via email.

#### Late Applications

For late applications, please register on-line or fax the completed registration form, including credit card payment information.

#### 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 £300 processing fee. Unfortunately refunds are not possible after that date. Substitutions can be made at any time.

Course:

Dates:

Location:

Register 2 delegates and receive 5% on 2nd booking

Register 3 delegates and receive 10% on 3rd booking

Register 4 or more delegates and receive a 15% discount

No. of attendees

**Special Offer!**



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To pay by credit card a secure link will be provided once you receive your booking confirmation email, this will then take you to a secure payment gateway.

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#### Data Protection

Scientific Update Ltd is registered under the Data Protection Act 1998. We will store your information securely and only share your contact details with other attendees at this event. If you are happy for your details to be passed to any third parties please tick here:

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

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