

The 2nd International Conference & Exhibition on

# New Horizons in Catalysis

## The Art of Catalysis in Process Chemistry

17 - 19 November 2008

Sheraton Sand Key Resort, Clearwater, Florida

*Scientific Update gets it right each time. A fantastic conference from the leaders in the field.*

**AMRI**

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Register BEFORE  
19 September 2008

\*Approx US\$400!!

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**Key Topics include:**

- ◆ Discovery of new catalyst systems
- ◆ Optimisation of catalytic processes and catalysts
- ◆ Industrial applications of asymmetric hydrogenation
- ◆ Catalyst platforms to help solve synthetic challenges

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### Conference Fees

Delegate Fee **£995**

Exhibitor Package **£2,995**

Academic Fee **£350**

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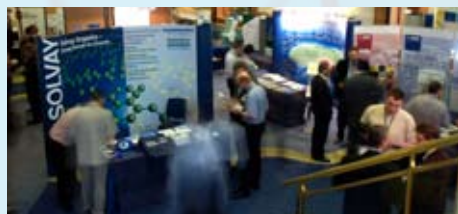
### Registration includes:

- Attendance at all the sessions
- Set of Colour Conference Proceedings
- Lunch & refreshments each day
- Unlimited access to the exhibition
- Invitation to the Gala Evening
- FREE Poster Board\*
- Complimentary Conference Documentation on CD



### Who should attend?

- ✓ Senior Process and Organic Chemists
- ✓ Heads of Departments
- ✓ Team Leaders
- ✓ Technical Managers



### Networking Opportunities

- ✓ Meet delegates from key international companies.
- ✓ Interact directly with senior scientists, department heads & key decision-makers.

The conference programme is designed to provide exhibitors, speakers and delegates plenty of time to network with each other during the coffee breaks, lunches and evening receptions in a relaxed atmosphere.

## The Art of Catalysis in Process Chemistry

**Hype or reality?** Much has been made of developments in catalysis in synthetic organic chemistry. This new Scientific Update event aims to bring together industrial chemists and academics to learn about emerging catalytic methods and their industrial application. Featuring top speakers from academia and industry, this event will provide industrial chemists with an unparalleled opportunity to explore how catalysis is beginning to change the landscape of process chemistry.

### How will this conference help you?

This conference will attract an international audience of around 100-150 delegates and is intended for senior chemists and technical managers from the Pharmaceutical, Fine and Speciality Chemical, Agrochemical, Flavour, Fragrance and Colour Chemical industries.

A detailed, high-quality book of conference proceedings covering all the presentations is provided and there will be ample opportunity for questions and stimulating discussion during the conference.

### How will you benefit from attending this conference?

- ✓ **Benefit by learning** from leading international speakers who will present important detailed case studies
- ✓ **Access how industry** strategies are evolving to meet the challenges of today's market
- ✓ **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.**

**Don't miss this opportunity to learn how emerging catalytic methods could benefit you.**

**Register online now and take advantage of the early bird rate at [www.scientificupdate.co.uk/conferences/catalysis](http://www.scientificupdate.co.uk/conferences/catalysis)**

### The Venue

#### Sheraton Sand Key Resort Clearwater, Florida, USA

160 Gulf Boulevard, Clearwater Beach  
Florida 33767, USA

Situated on the Florida Keys with its own private beach and across the road from the shops of Sand Key, the Sand Keys Resort is in an ideal location for a business meeting, combined with excellent facilities for relaxation afterwards. The hotel has a fully equipped business centre, plus a variety of dining facilities. It has a state-of-the-art health club, plus outdoor recreational pursuits and is easily accessible from Tampa or Orlando International Airports. Shuttle services are available from the airports.



A limited number of rooms have been reserved at the hotel, at a special rate of \$150 per night plus taxes. Please use the hotel booking form which will be sent to you when you register.

### FREE Technical Poster \*

Registered delegates can present a scientific technical poster FREE and have this published in the colour conference proceedings. Please send an abstract of your poster by email to [sciup@scientificupdate.co.uk](mailto:sciup@scientificupdate.co.uk) and reserve your poster board by ticking the box on the form overleaf.

The organisers reserve the right to change the published programme of events and conference content as circumstances dictate.



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SAVE £200**  
if you register before  
**19 September  
2008**

# New Horizons in Catalysis

17 - 19 November 2008, Clearwater, Florida, CA, USA

Monday 17 November 2008

2.00 - 5.00 Exhibition Set-Up

7.30 - 9.00 Registration followed by a Welcome Reception sponsored by



See our  
web site for the  
full programme  
information

Day One

Tuesday 18 November 2008

8.30 - 8.55 Further Registration & Breakfast

8.55 **Opening Remarks**

9.00 **Dr Pascal Dube, Pfizer Global R&D, USA**  
Exploiting the Chemo Divergence of 3-substituted  
1,4,2-dioxazolidinones

9.45 **Dr Benoit Pugin, Solvias AG, Switzerland**  
Chiral Ligands with Secondary Phosphine Oxides (SPO's):  
a New, Highly Promising Tool for Asymmetric Catalysis

10.30 Coffee & Exhibition sponsored by 

11.15 **Professor Karl Anker Jørgensen, Aarhus University, Denmark**  
Organocatalysis – a New Tool for Industry

12.00 **Dr Michael Palucki, Merck & Co., Inc., USA**  
Catalysis Platform Technology: Solving Synthetic Chemical  
Challenges Through Catalysis While Maintaining Speed  
and Throughput

12.45 **Lunch & Exhibition**

2.00 **Dr Jasbir Singh, HEL Ltd, UK**  
Heterogeneous Catalysis Research – a Comparison of  
Stirred and Fixed Bed Reactors


2.45 **BASF Speaker**  
Title to be confirmed

3.30 **Coffee & Exhibition**

4.15 **Dr Nizar Haddad, Boehringer Ingelheim Pharmaceuticals, USA**  
The Development of PN-BIPI Ligands and their Application  
in Asymmetric Hydrogenation of Unsaturated Ureas

5.00 **Dr Paul Murray, AstraZeneca, UK**  
An Innovative Approach to Catalysis within AstraZeneca

5.45 **End of Day One**

7.00 **Gala Evening** kindly sponsored by   
The Chemical Company

Day Two

Wednesday 19 November 2008

8.25 - 8.55 **Breakfast**

8.55 **Opening Remarks**

9.00 **Dr Renat Kadyrov, Evonik Degussa GmbH, Germany**  
Second Generation Olefin Metathesis Ruthenium Catalysts

9.45 **Dr Christopher Kendall, Wyeth Research, Canada**  
Chiral Hydrogenation Approach to Unnatural Amino Acids

10.30 **Coffee & Exhibition**

11.15 **Dr Jonathan Medlock, Johnson Matthey, USA**  
Industrial Case Studies in Asymmetric Hydrogenation of  
Alkenes and Ketones

12.00 **Dr Dave Ager, DSM, USA**  
Keep Taking it Away: A Copper-Catalysed Unnatural Amino  
Acid Synthesis

12.45 **Lunch & Exhibition**

2.00 **Dr Bin Hu, Novartis Pharmaceuticals Corporation, USA**  
Enantioselective Hydrogenation of  $\delta$ -aminomethylacrylates:  
Synthesis of a  $\delta$ -amino Acid Intermediate for LBM415

2.45 **Dr Barry Dillon, Pfizer Global R&D, UK**  
Second Generation Route Investigations Towards  
Tolterodine L-Tartrate

3.30 **Conference Ends**

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<input type="checkbox"/> <b>Poster*</b> Tick here to reserve your poster board		If you would like to present a free poster, please send your abstract as soon as possible to <a href="mailto:sciup@scientificupdate.co.uk">sciup@scientificupdate.co.uk</a> or complete the online form at <a href="http://www.scientificupdate.co.uk">www.scientificupdate.co.uk</a> .			There is a limited number of subsidised academic/student places available.

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**Discounts\*** Complete the details for three delegates and your discount will automatically be applied. This offer only applies where all delegates are booked simultaneously and at the same billing address. Attendee names can be substituted at any time prior to the event date, but please notify us as soon as possible. If you have a Promotional Code (from an advertisement or email) please enter it here.

**Currency Payments\*\*** If you select to pay in US dollars, the amount charged will be based on the exchange rate at the time of preparing the invoice.

**Substitutions/Cancellations** Should you be unable to attend and cancel in writing no later than 28 days prior to each event date, Scientific Update will refund your registration less £200 processing fee. It is regretted that after this date refunds are not possible. Substitutions can be made at any time.

**For late applications** please register on line at [www.scientificupdate.co.uk](http://www.scientificupdate.co.uk) or fax the completed registration form, including credit card payment information.

**Venue/Accommodation** You will be sent a hotel booking form with your event confirmation and you will be responsible for making your own arrangements.

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