

## **Novel approaches to formulation: *from concept to product***

Thursday 17 September 2009

*School of Sport and Exercise Sciences, University of Birmingham, Edgbaston Campus, Birmingham B15 2TT, UK*

This conference brings together industrialists and academics to discuss and share the latest research, experience and successes in formulation and product design. With speakers drawn from pharmaceutical, consumer product, personal care, food industries, equipment suppliers, manufacturing systems integrators and academia, this event will demonstrate how the exchange of practices across different sectors can make a difference to your business. This event is organised jointly by IChemE's Formulated Product Engineering Subject Group and the Royal Society of Chemistry's Formulation Science & Technology Group. The event will launch the new IChemE subject group and reinforces the multidisciplinary nature of formulated product design and delivery. Attendees will be encouraged to participate in confirming the challenges for the subject groups to deliver, including the themes for future events. The event is jointly chaired by Hilda Coulsey (IChemE) and David Higgins (RSC).

### **Provisional programme**

9:30 – 10:00	<i>Registration</i>	
10:00 – 10:15	<b>Formal launch of this new initiative</b>	<b>Chair: Hilda Coulsey, IChemE</b>
10:15 – 10:45	Current research priorities, experience and success in the formulation of healthy everyday foods using microstructural engineering	<b>Professor Ian Norton,</b> University of Birmingham
10:45 – 11:15	Mixing for formulated products: challenges and trends	<b>David Rothman,</b> Silverson Machines UK
11:15 – 11:45	<i>Coffee</i>	
11:45 – 12:15	Global trends in process engineering for the formulated products industry	<b>Martin Jackson,</b> GEA Process Technology
12:15 – 12:45	Formulation science and engineering in catalysis	<b>Hugh Stitt,</b> Johnson Matthey
12:45 – 13:45	<i>Lunch</i>	
	<b>Session 2</b>	<b>Chair: David Higgins, RSC</b>
13:45 – 14:15	Future challenges and drivers in home and personal care formulations	<b>Dr Bob Crawford,</b> Unilever
14:15 – 14:45	Intelligent use of in-vitro data: predicting clinical outcomes from laboratory data for orally inhaled medicines	<b>Marcel de Matas,</b> Institute of Pharmaceutical Innovation
14:45 – 15:15	<i>Tea</i>	
15:15 – 15:45	The toothpaste challenge	<b>David Urquhart,</b> GSK
15:45 – 16:15	In-line product characterisation	<b>Sami Amin,</b> Malvern Instruments Ltd
16:15 – 16:30	Closing remarks	

#### **The venue**

Due to refurbishment work at the University of Birmingham's Department of Chemical Engineering, the conference is being held in the adjacent School of Sport and Exercise Sciences, on the Edgbaston campus. <http://www.about.bham.ac.uk/maps/edgbaston.shtml>

#### **Event registration**

The event is open to all. Pre-registration is essential. To reserve your place, please complete and return the accompanying registration form with your payment. Places are limited — book early to avoid disappointment. Registrations close on Friday 11 September.

## Novel approaches to formulation: from concept to product – 17 September 2009

Please return this form with your payment to:

**Technical Networks, IChemE, Davis Building, 165-189 Railway Terrace, Rugby CV21 3HQ, UK**

**Tel: +44 (0)1788 578214**

**Fax: +44 (0)1788 560833**

Last Name: ..... First Name ..... Title ..... D.O.B .....

Gender M / F Country ..... House No / Company Name ..... Postcode .....

Job Title ..... Dept .....

Address .....

Town ..... County .....

IChemE or RSC Membership Number ..... Telephone: .....

Fax: ..... Email: .....

*Please note: Joining Instructions will be sent by e-mail*

Special Dietary Requirements .....

Please note: We can only arrange alternative catering if this field is completed prior to the event

Please tick relevant box for payment: VAT is included (VAT no. GB 661 5413 48).

**A VAT invoice will be issued upon receipt of payment.**

- ☐ £110.00 Member of the RSC Formulation Science & Technology Group
- ☐ £150.00 Standard delegate - includes membership of the IChemE Formulated Product Engineering Subject Group to end 2010
- ☐ £50.00 Student - includes membership of the IChemE Formulated Product Engineering Subject Group to end 2010

### Payment in full must be received in advance of the event.

Please make your cheque payable to "Institution of Chemical Engineers".

If you wish to pay by credit or debit card please quote your card number in the box below together with the name and initials on the card and its commencement and expiry date (please note that the Institution accepts only MasterCard, Debit MasterCard, Visa, UK issued Maestro or Solo, Visa Delta, Visa Debit.

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### Cancellation Policy

Cancellations made less than 48 hours before the event date will not receive a refund. Substitutions welcome.

**We reserve the right to cancel or alter the programme.**

### DATA PROTECTION

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