



**RSC Industry & Technology Forum
Applied Catalysis Group
One day symposium**

SUCCESSFUL CATALYST SCALE-UP

**Wednesday 5th October 2005
at The Showroom and Workstation, Sheffield**



Royal Society of Chemistry Industry and Technology Forum, Applied Catalysis Group

A one-day meeting on the theme 'Successful Catalyst Scale-up' will be held on Wednesday 5th October 2005 at 'The Showroom and Workstation', Sheffield. Registration will commence at around 10:00 am and the meeting will finish at around 16:30. The meeting will be followed by the AGM of the Applied Catalysis Group.

Introduction

Most members with industrial experience will know that development and scale-up of a catalyst from the laboratory to commercial application usually requires a great deal of effort and that many important issues must be considered. These include scientific issues related to catalyst preparation and performance at large scale, commercial issues such as the supply, cost and quality of raw materials and HSE (Health/ Safety/Environment) issues. We cannot hope to cover every aspect in this short symposium but the speakers will cover a good variety of important issues, including know-how and case histories, and there will be the opportunity for questions and discussion.

The symposium will be of interest to industrial scientists who work in the field of catalyst and process development and related fields such as process optimisation. The symposium will also be of interest to academic scientists and research students who want to gain more insight into the world of industrial catalysis.

Programme

Commercial aspects of catalyst scale-up

Andrew Holt
Catal International Ltd.

Catalysts prepared by precipitation

John L. Casci
Johnson Matthey Catalysts

Catalyst manufacturing by impregnation

Peter H. Berben
Engelhard Corporation

The sustainable up-scaling way

Lutz Ruwisch & Thomas Kreuzer
Automotive Catalysts, Umicore AG & Co. KG

Giving catalysts 3D structure

Stuart Blackburn
Interdisciplinary Research Centre in Materials Processing,
University of Birmingham

High throughput approaches to catalyst discovery and process development – the state of the art

Maria E. Raimondi
Insight Faraday

During the lunch break there will be an opportunity to join a guided tour of the nearby custom catalyst laboratories of Catal International Ltd.

RSC APPLIED CATALYSIS GROUP

The Applied Catalysis Group is a part of the RSC Industry and Technology Forum and exists to bring together and cover the interests of all members who have a professional interest in applied catalysis.

For further details of the Applied Catalysis Group see our web page at www.rsc.org or contact the Secretary, Dr John J Birtill, 15 Portman Rise, Guisborough TS14 7LW, UK.

Tel +44 (0) 1287 638265. email: john.birtill@catalyst-decay.com

“SUCCESSFUL CATALYST SCALE-UP”

The Showroom and Workstation, Sheffield, UK

Wednesday 5th October 2005

Registration Form

A reduced fee will apply to RSC members. The fee includes registration, site visit, lunch, coffee and tea.

I wish to attend the meeting ‘Successful Catalyst Scale-up’ on Wednesday 5th October 2005 and enclose the appropriate remittance made payable to the ‘Royal Society of Chemistry, Applied Catalysis Group.

Name:

Affiliation:

Address:

Postcode:

E-mail

Tel:

Fax:

RSC Members

£80

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Non-RSC Members

£100

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* Please tick as appropriate

Deduct 25% Discount for early-bird registration by 22nd August

Students and Retired Members

£20 (No discount)

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Book early as these places may be limited.

Completed forms should be returned to:

**Dr Barry Nay, BP Exploration & Production Technology Group,
Building B, BP Business Park, Chertsey Road, Sunbury-on-Thames,
Middlesex TW16 7LN**

Tel: 01932 775240 fax: 01932 775466 email: nayb@bp.com

VENUE DETAILS

The Showroom and Workstation is a cinema and conference centre, located in central Sheffield, 5 minutes walk from the railway station.

**Address:
Paternoster Row,
Sheffield
S1 2BX ,
United Kingdom**

Useful Link: www.showroom.org.uk

If accommodation is required it should be arranged independently. There are hotels close by in central Sheffield