



# Catalyst Preparation

*the 21st Century*

Thursday 18 March 2010

RSC, Burlington House, London, UK

*Organised by the RSC's Applied Catalysis Group &  
IChemE's Catalysis Subject Group*

# Catalyst Preparation 4 the 21<sup>st</sup> Century

Date: Thursday, 18 March 2010

Venue: Royal Society of Chemistry, Burlington House, Piccadilly, London W1J 0BA, U.K.

## Scientific Programme

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| 9:30  | <b>Poster set-up</b>   |
| 10:00 | Registration, coffee and poster session 1  |
| 11:00 | <b>Welcome</b><br><i>Paul Collier, Johnson Matthey Technology Centre, UK</i>   |
| 11:05 | <b>PLENARY LECTURE:</b><br><b>Studying the genesis of supported metal and metal oxide catalysts using electron tomography</b><br><i>Krijn de Jong, Inorganic Chemistry and Catalysis Group, Utrecht University</i> |
| 11:45 | <b>Fuel cell catalysts: the role of preparation in catalyst structure</b><br><i>Dave Thompsett, Johnson Matthey Technology Centre, UK</i>  |
| 12:20 | <b>Outside the box thinking in FT catalyst preparation</b><br><i>Frank Daly, Oxford Catalysts, Oxford, UK</i>  |
| 12:55 | Buffet lunch and poster session 2  |
| 14:25 | <b>Nanocatalysts for cleaner energy and environment</b><br><i>Shik Chi (Edman) Tsang, Inorganic Chemistry Laboratory, Oxford University, UK</i>  |
| 15:00 | <b>A scalable method for the preparation of supported nanocatalysts</b><br><i>Peter Witte, Process Catalysis Research, BASF, The Netherlands</i>   |
| 15:35 | Afternoon tea and poster session 3; judging and poster prize   |
| 16:30 | <b>Structure-property-composition relationships in the targeted synthesis of inorganic materials</b><br><i>Matt Rosseinsky Department of Chemistry, Liverpool University, UK</i>                                   |
| 17:05 | <b>Challenges in Energy Catalysis</b><br><i>Speaker from BP</i>  |
| 17:40 | <b>Final comments and close</b><br><i>Klaus Hellgardt, IChemE Catalyst Subject Group (Imperial College, UK)</i>  |
| 17:50 | Wine reception (sponsored by BASF)   |

## Synopsis

Catalyst preparation is a high-technology strategically important area of academia and industry. This symposium will highlight exciting developments in areas such as *in situ* characterisation of catalyst preparation, fuel-cell catalysts, materials preparation, nanocatalysts, gas-to-liquids and the energy sector.

This meeting will be relevant to anyone working in the fields of heterogeneous catalysis, chemical engineering and materials synthesis. A buffet lunch and tea & coffee are included in the registration fee.

## Posters

The deadline for poster submissions is **15<sup>th</sup> January 2010**. Please submit a 100 word poster abstract to Dr. Paul Collier\* and entitle your email 'poster abstract: ACG Catalyst Preparation Symposium 2010'. Please also state if you are applying for a travel bursary.

## Bursaries

Thanks to the generosity of our Sponsors we are pleased to offer:

- Free registration for the first 10 students who are accepted to present a poster (first come first served).
- 10 travel bursaries are available to RSC/IChemE students presenting a poster to the value of up to £100 each. If you wish to apply for a travel bursary, please state when submitting poster abstract (see above).

For further information, please contact Paul Collier.\*

## Registration

The deadline for registration is **Friday, 19<sup>th</sup> February 2010** and IChemE members receive same rate as RSC members (enter promotional code "promoicheme", and email your IChemE membership number to Paul Collier\*)

Registration for this symposium is online only at:

<http://www.rsc.org/ConferencesAndEvents/conference/alldetails.cfm?evid=104863>

### Early Bird Rate before 15<sup>th</sup> January 2010

IChemE / RSC Member .....	£60
IChemE / RSC Student .....	£30
Non-Member .....	£75

### Booking Rate after 15<sup>th</sup> January 2010

IChemE / RSC Member .....	£80
IChemE / RSC Student .....	£40
Non-Member .....	£100

If you have special requirements (dietary/access/other) please register as above and then contact Paul Collier.\*

**\*Contact details:** Dr. Paul Collier at Johnson Matthey Technology Centre, Blount's Court Road, Sonning Common, Reading, RG4 9NH, UK. E-mail: [ACGsymposium@matthey.com](mailto:ACGsymposium@matthey.com)

## Catalyst Preparation for the 21<sup>st</sup> Century

18 March 2010 @ RSC, London, UK

*This event is organized jointly by:*

**RSC** | Advancing the  
Chemical Sciences  
Applied Catalysis Group

and

**IChemE**  
Catalysis Subject Group

*We would like to thank our generous sponsors:*

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*We also thank BASF for providing the graphic on the front cover.*

Cancellations: Received in writing 1 month prior to the meeting will be subject to a 25% administration charge. Refunds cannot be made for cancellations received after this period although substitutions may be made.

Should unforeseen circumstances occur, ACG reserves the right to alter the content of the programme and cancel or postpone any of its meetings without notice or, in the case of complete cancellation, liability to enrolled delegates other than return of fees.

Data Protection: The personal information included on the registration form will be used by the RSC/ACG/IChemE only and will not be disclosed to any third parties.