

Perspectives On Applied Catalyst Characterization

8 March 2016, Burlington House (RSC), Piccadilly, London, W1J 0BA, UK

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Introduction

Catalyst characterization is an essential and strategically important area of academic and industrial catalyst development, a field of huge importance to addressing many of today's big global challenges.

This 1-day *RSC Applied Catalysis Group* symposium will bring together academic and industrial speakers to share exciting developments and examples of applying catalyst characterization tools to real world catalysts as well as their perspectives on the future of this stimulating field.

Invited Speakers:

“First Catch Your Rabbit” (How to get useful knowledge from post-mortem catalyst characterization)

Chris Mitchell (SABIC)

Advanced Spectroscopic Techniques Applied to the Study of FTS Catalysts

Paul Webb (Sasol Technology UK)

Aberration Corrected TEM in Industry

Manfred Schuster (Johnson Matthey)

Using hyperpolarization and NMR to follow catalytic transformations

Simon Duckett (University of York)

Active site elucidation and rational design

Karen Wilson (EBRI, Aston University)

Applications of EPR spectroscopy for characterizing paramagnetic centres in catalysis

Damien Murphy (Cardiff University)

Chemical imaging of catalytic materials and beyond...

Andrew Beale (University College London)

Applications of optical tweezers in heterogeneous catalysis

James McGregor (University of Sheffield)

Programme

The event will include perspective talks from a mix of industrial and academic invited speakers, as well as the opportunity to network and for students or younger members to present posters:

09:30	Poster Setup
10:00	Registration, coffee & poster session
10:45	Presentation session 1
12:40	Buffet lunch, networking & poster session
14:00	Presentation session 2
15:45	Afternoon tea, networking & poster session
16:30	Presentation session 3
17:50	Wine reception

Call for posters

The deadline for poster submissions is 08:00, 14th January 2016. Students are encouraged to submit *via* email a short poster abstract (250 words maximum using the template on the [website below](#) to the committee: acg.event@durham.ac.uk).

Registration and Website

See: <http://www.rsc.org/events/detail/19625/catalyst-characterization-4-the-21st-century>

	£ early bird (until 11 Jan.)	£ standard (after 11 Jan.)
RSC member	105	135
Non-member	120	150
Students	30	60
Retired*	30	60

* Please [contact the committee](#) for details of how to register. Cancellation Deadline: 31st December 15

Bursaries

We are pleased to offer free registration for the first 10 students who are accepted to present a poster (first-come, first-served).

Exhibition Opportunities and Sponsorship

We rely on the generosity of our sponsors in order to keep registration costs as low as possible! There will also be a small exhibition of relevant trade stands. Please contact us (acg.event@durham.ac.uk) for details of further sponsorship / exhibition opportunities.

About the ACG

This event is organized by the RSC Applied Catalysis Group (ACG). The Applied Catalysis Group aims to promote both hetero- and homo-generous catalysis through a range of activities including seminars, conferences and other professional activities related to chemical catalysis.

Organizing Committee

Simon Beaumont (*Durham University*); Paul Collier (*Johnson Matthey*); Keith Whiston (*Invista*).