

High-Throughput Materials Science

RSC

76 Portland Place, London
29th June 2004

The **RSC Materials Chemistry Forum** and **High-Throughput Chemistry and New Technologies Group** would like to invite you to participate in this one-day symposium.

This event is co-organised by the **Materials Chemistry Committee** and the **Applied Polymer Science Committee of the Institute of Materials, Minerals and Mining** and co-sponsored by the **EPSRC** and **Insight Faraday**.

High Throughput techniques are widely used in the pharmaceutical sector and have revolutionised the drug discovery process. Similar methodologies are now being developed for the synthesis of functional materials – both soft and solid state materials. This meeting aims to examine the methodologies and techniques needed for high throughput materials science and look at the problems that need to be solved before the technology becomes commonly used in industry.

Who should attend?

Materials chemists and materials scientists working in a wide range of areas, including solid state inorganic materials, ceramics, polymers, electronic materials, hybrid materials, biomaterials and liquid crystals. The meeting will be relevant to academics and industrialists.

Why should you attend?

High-throughput technologies have the potential to revolutionise materials chemistry and materials science, with relevance to a wide range of industries developing new materials; from polymers for biomedical materials, to electronic materials for the communications industry.

Registration will open at 09.30 and the talks will start at 10.20. The meeting will close at 17.00. Refreshments included in registration.

Chairman: Professor Richard Catlow, University College London

Exploiting the innovators dilemma: new paradigms in polymer science

Eric Amis

National Institute of Standards and Technology, USA

Combinatorial and high-throughput approaches in polymer science

Ulrich Schubert

Technische Universiteit Eindhoven, The Netherlands

The richness of biomedical polymer libraries

Steve Brochinni

University of London, School of Pharmacy

Leveraging high throughput experimentation at the materials-biology interface

John Newsam

fqubed, USA

High-throughput methods for the preparation and characterization of hybrid materials and molecular sieves

Thomas Bein

University of Munich, Germany

High throughput methods to electrofunctional materials at Southampton

Mark Weller

University of Southampton

Combinatorial chemistry of liquid crystalline materials – from design to quantitative structure-property relationships

Peter Baeuerle

University of Ulm, Germany

Other sponsors for this meeting

EPSRC

IOM³
The Institute of Materials, Minerals & Mining

Insight
High throughput technologies

CALL FOR PAPERS: There are several slots available for oral presentations within the programme. Anyone wishing to submit an abstract should contact the conference organisers as soon as possible.

CALL FOR POSTERS: There will be a limited number of spaces for posters. Those wishing to display a poster should fill in the appropriate box on the application form and will be contacted if space is available.

Register On-line at: <http://www.mmsconferencing.com/htms.html>

APPLICATION FORM Please type or write clearly (this form may be photocopied)

To register and pay for this meeting on-line, please visit <http://www.mmsconferencing.com/htms.html>. Alternatively, fill in the form below and send it to Michele Sahrle, HTMS, MMS Conferencing & Events Ltd, Suite 420, 28 Old Brompton Road, London SW7 3SS, tel: 07703647189, e-mail: m.sahrle@mmsconferencing.com

Title: Gender: RSC Membership No:

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Special Requirements (please give details of any special requirements and/or disability, medical condition, etc.):

Please state how you heard about the conference:

Yes, I'd like to Exhibit/Sponsor this meeting:

Standard Fees* Members+ **£60.00** Non-Members **£95.00** Students+ **£35.00** Student Non-Member **£60.00**
Late Members+ **£110.00** Non-Members **£145.00** Students+ **£85.00** Student Non-Member **£100.00**

+Members of the RSC

*Registration received **by 4 May 2004**

NOTE: VAT at the prevailing rate is included in the fees as appropriate

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TERMS AND CONDITIONS

Cancellations received before **8 June 2004**, will be subject to an administrative charge of 25%. It will not be possible to offer any refunds on cancellations received after **8 June 2004**, although substitutions can be made at any time. Bank charges are non-refundable.

DATA PROTECTION

The RSC will use the information you supply for the provision and administration of its activities, products, and services and for marketing. It may be necessary to disclose your information to service providers. A list of participants, which will include e-mail addresses, will be published for distribution at the conference. If you DO NOT wish to be included in this list, please tick the box . We may contact you by mail, telephone, email or fax to tell you about activities, products and services that may be of interest to you. If you DO NOT wish to receive this information, please put a tick in the box.

MMS Conferencing & Events Ltd has been employed by the Royal Society of Chemistry to organise this meeting. If you are interested in holding a conference or event, please contact us.