

## **Short Course**

# **Thermal Analysis Techniques An Overview**

**29<sup>th</sup> March 2010**

**Manor House, Aldermaston Park,  
Aldermaston, Reading, RG7 4HX**

**The Thermal Methods Group will be holding an intensive One Day Short Course in association with the TAC 2010 Conference hosted by AWE on the 30<sup>th</sup> & 31<sup>st</sup> March ([www.thermalmethodsgroup.org.uk](http://www.thermalmethodsgroup.org.uk)).**

**The Course will provide a comprehensive overview of the main thermal analysis techniques including DSC, TG, TMA, DMA and evolved gas analysis and their industrial applications.**

**There will be ample opportunity for discussion with the lecturers all of whom have wide experience in the application of thermal methods.**

**Continuing Professional Development Certificates will be provided for all course delegates.**

## Short Course

### **Thermal Analysis Techniques - An Overview**

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## Programme

- |       |   |
|-------|---|
| 9.30  | Registration  |
| 10.00 | Welcome and Introduction  |
| 10.10 | <b>Differential Scanning Calorimetry</b><br>Dr Simon Gaisford, School of Pharmacy, University of London                       |
| 11.10 | <b>Thermogravimetry and Evolved Gas Analysis Techniques</b><br>Dr Paul Gabbott, PETA Solutions and Thermal Instruments Ltd    |
| 12.00 | <b>The Importance of Calibration in DSC and TG</b><br>Prof Ted Charsley, University of Huddersfield                           |
| 12.40 | Lunch   |
| 13.30 | <b>Thermomechanical and Dynamic Thermomechanical Analysis</b><br>Dr Marianne Odlyha, Birkbeck College, University of London   |
| 14.15 | <b>Application of High Temperature DSC in Materials Characterisation</b><br>Dr Ekkehard Post, Netzsch-Gerätebau GMBH, Germany |
| 14.45 | <b>Industrial Applications of DSC and TGA in a Safety Environment</b><br>Ian Priestley, Syngenta, Huddersfield                |
| 15.15 | Tea   |
| 15.30 | <b>Thermomicroscopy in the Study of Pharmaceuticals</b><br>Dr Paul Royall, Kings College, London                              |
| 16.00 | <b>The Use of Thermal Analysis to Study Composite Materials</b><br>Prof Richard Day, Glyndŵr University                       |
| 16.30 | <b>Q &amp; A session – General Discussion on Thermal Analysis</b>   |
| 17.00 | Close   |

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**REGISTRATION FORM**

Title \_\_\_\_\_ Surname \_\_\_\_\_

First Name \_\_\_\_\_

Department \_\_\_\_\_

Organisation \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_ Email \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_

Special Dietary Requirements \_\_\_\_\_

I agree / don't agree on my details being published on the attendee list (and to receive updates on future events).

**Registration Fees**

Delegate £95

Student Delegate £50

**Total Payment Due** £ \_\_\_\_\_

The Course Fee includes refreshments and a buffet lunch.

**Payments**

Cheques should be made payable to the **Thermal Methods Group**.

Please send payment with this form to the TAC 2010 Organiser:-

Dr Mogon Patel, Building B8A.1, AWE(A), Aldermaston, Reading, RG7 4PR

([mogon.patel@awe.co.uk](mailto:mogon.patel@awe.co.uk)).

Direct payment may be made into Bank Sort Code 60-00-01; Account No 01013146;  
NatWest City of London Office (in order to enable payments to be traced please  
ensure that your name and Company reference no is quoted on all bank transfers)

If you would prefer to be invoiced for the Registration Fee, please tick box.

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**Invoice Address** (if different from above)

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