



Key Dates:

Submission of Titles: Friday Feb, 24th 2012

Submission of Abstracts: Friday March, 2nd 2012

(Please e-mail the Title/Abstract to the local host)

Special Events:

Manufacturers Exhibition,

Cyril Keattch Award,

Poster Competition (All Posters should be A1 size),

Thermal Analysis Training Course.

Key Sessions:

Polymer/biopolymer contrast

Reaction calorimetry and kinetic modelling

Physical Ageing and stability

Bioenergy

General Applications of Thermal Methods

Manufacturer's session for new developments

There is also a theory based thermal analysis training session covering basic principles of DSC, DTA, and TGA on Monday 2nd April. Cost for the training day, including lunch, will be £95.

TAC2012 will be hosted by the University of Nottingham on behalf of the TMG. The venue is the Department of Food Sciences, University of Nottingham, Sutton Bonington Campus which offers an attractive and relaxing setting for the conference. For instructions on travel to the Sutton Bonington campus please visit:

www.nottingham.ac.uk/about/datesandcampusinformation/mapsanddirections/suttonbonington.aspx

Hotel

The host has arranged a preferential rate of £64.85 bed and breakfast for a single room at the Kegworth Whitehouse Hotel: www.kegworthwhitehouse.co.uk/ Please contact Val Street (val.street@nottingham.ac.uk)

About the TMG and TAC-2012

The Thermal Methods Group (TMG) is an interest group of the Analytical Division of the Royal Society of Chemistry. The group is affiliated to the International Confederation for Thermal Analysis and Calorimetry (ICTAC) and collaborates closely with the European thermal analysis groups.

The main objective of the group is to promote awareness of all thermo analytical, calorimetric and related thermal techniques by a range of activities, including a regular programme of scientific meetings and publications. A two-day meeting is held in the spring where presentations cover all aspects of thermal analysis and calorimetry, and includes the Annual General Meeting (AGM) of the TMG.

TAC-2012 seeks to apply thermal results from a wide range of advanced materials including polymers, nanocomposites and inorganic materials to biological materials. Presentations detailing the use of thermal methods in biological materials are particularly welcome.

Continuing Professional Development (CPD) certificates will be issued



RSC | Advancing the Chemical Sciences

TAC 2012
Food Sciences Department
University of Nottingham
Sutton Bonington Campus

3-4 April 2012

Call for Oral and Poster Contributions

Thermal methods:
including applications to
biological materials



The University of Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

LECTURES

(Confirmed Speakers)

Professor Ian Norton,

Professor of Soft Solid Microstructural Engineering,
University of Birmingham

Professor Angela Seddon,

Professor of Inorganic Materials, Faculty of Engineering,
University of Nottingham

Professor Ed Lester,

Professor of Chemical Technologies, Faculty of
Engineering, University of Nottingham

Professor Sandra Hill,

Professor of Biomaterial Processing, Food Sciences
Division, University of Nottingham

Dr Andy Stapley, Lecturer in Chemical Engineering,
Loughborough University

Training Course

TAC 2012 will incorporate a thermal analysis training
course on the 2nd April 2012. Topics of interest are:

- Overview of DSC, TGA, DMA principles;
- Importance of calibration, sampling and crucible types;
- Evolved gas, vapour sorption and advanced DSC
methods.

www.thermalmethodsgroup.org.uk/

CALL FOR CONTRIBUTIONS

The TMG committee invites paper/poster contributions for
its 2-day TAC conference at the University of Nottingham,
Sutton Bonington Campus. The committee wishes to
encourage early career scientists (especially PhD students)
to contribute. With this in mind, there will be a Cyril
Keattch early career scientist competition (further details
available from the TMG website).

Those wishing to make an oral or poster presentation
should complete the registration details, and e-mail/post
the form to the local host indicating whether poster or oral
presentation is preferred.

The success and continuation of these meetings relies
on the practical support and sponsorship provided by
manufacturers and their participation is welcomed.

Registration

The conference begins on the 3rd April 2012 with
registration/coffee at 8.30, the programme of lectures
beginning at 9:00am on both days. The conference dinner
will be held on Tuesday 3rd April.

Useful Contacts for this meeting are:

Dr. Bill MacNaughtan (bill.macnaughtan@nottingham.ac.uk)
Paul Gabbott (Paul.Gabbott@perkinelmer.com)
Val Street Val.street@nottingham.ac.uk

Inclusive registration fee: (Tick as appropriate)	
All Delegates*	195
TMG Members*	175
Full Time Student	65
Exhibitor (+1 stand)*	450
Conference Dinner	40
Training Day (29th March)	95

TOTAL _____

Registration covers lunches, coffees & abstract book

*Includes conference dinner



REGISTRATION DETAILS

Delete as appropriate:

I will/ will not give an oral presentation/poster.

I will/will not attend the conference dinner
I agree/don't agree to my details being published on the
attendee list

I agree/don't agree to my details being used for updates
on future events.

Name of Participant (Prof/Dr/Mr/Ms)

First name

Family name

Affiliation: _____

E-mail: _____

Please e-mail or fax title/abstract to the local host:
Dr Bill MacNaughtan (bil.macnaughtan@nottingham.ac.uk)

Payment Options: Cheque/Invoice

Cheques should be payable to the 'Thermal Methods
Group' and must be sent

Dr Bill MacNaughtan,

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School of Biosciences
University of Nottingham
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Tel: 00 44 (0)1159516112

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Delegates wishing to pay by invoice should supply a valid
purchase order number and provide an office address.