



# Formulation Science and Technology Group Newsletter

## CALENDER OF FORTHCOMING EVENTS 2010

Black and Green II, November  
10, 2010

December 14th FSTG Annual  
AGM, Burlington House, London

## CALENDER OF FORTHCOMING EVENTS 2011

NanoFormulation2011, 26 June  
— 1 July 2011, Suntec city,  
Singapore

Secrets of Formulation III, Nov  
2011, TBC

NanoFormulation2010 was held from June 9-11, 2010 in Stockholm/ Sweden. The conference was organised within the InForm project which is a European coordination action integrated in the 7th framework programme of the European Commission. NanoFormulation2010 was the first in a series of three conferences.

The scope of the conference was to present new results in research, development and applications of innovative formulation technologies where nanomaterials play an essential role. NanoFormulation2010 brought together over 190 leading researchers and practitioners from around the world to exchange knowledge and best practice in a variety of activities that include seminars, on-site visits, and networking sessions.

The on-site visit of the laboratories of the Ytkemiska Institutet YKI, Institute for Surface Chemistry, allowed researchers to visit an internationally leading industrial research institute in applied surface and colloid chemistry in Sweden. 69 participants took advantage of the on-site visit at YKI. A fact-finding mission booklet was available to participants to showcase nanotechnology in Sweden. This booklet can be downloaded from the website, [www.nanoformulations2010.com](http://www.nanoformulations2010.com)

NanoFormulation2010 conferees can now download presentations from the InForm website and continue to liaise with researchers from academia, industry (both multinational and SMEs), learned societies and the different world regions including Europe, Asia-Pacific and America through the partnering tool.

NanoFormulation2010 was closely linked to the Formula VI conference which was organised in the same facilities from June 7-10, 2010. The excellent location, the supportive staff at Stockholm University and the professional planning of the conference by the project members have contributed to an overall successful international conference. The joint networking sessions have enabled participants of both events to communicate, exchange ideas and has thus been an ideal forum for networking.

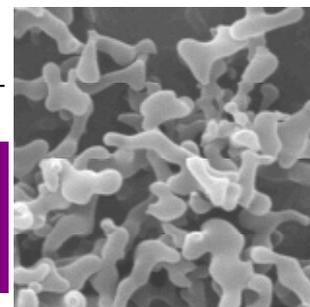
Article written by: Helen Dutton, The University of Manchester

<http://www.formulation.org.uk>.

We look forward to seeing you at the annual FSTG AGM on December 14th at Burlington House, London.

## FSTG AGM

14:30 December 14th, Burlington House, London



For further information  
visit:  
[www.formulation.org.uk](http://www.formulation.org.uk)

*Thought for the Month:*

"Achievement seems to be connected with action. Successful men and women keep moving. They make mistakes, but they don't quit."

*Conrad Hilton*

Become a Member:

<http://www.formulation.org.uk>

**Member Focus**

**FSTG Student Bursary Scheme**

We want YOU to tell us about yourselves in this section– if you'd like to take part and you have anything particularly exciting to tell us contact me, Lyn Daintree on our website

[www.formulation.org.uk/contacts.html](http://www.formulation.org.uk/contacts.html)

**Organization:**

**Job title:**

**FSTG member for:**

**Research interests:**

The **Gordon J. Tiddy bursary** is an award made for the purpose of assisting in travel to conferences in the UK and overseas. Bursaries are provided solely to offset the costs of travel and accommodation and are normally limited to a maximum of £500. The bursary scheme does not cover meetings organized wholly by the FSTG within the UK, for which alternative grant or discount schemes may be organized by the meeting committee as it sees appropriate.

**Applicant Eligibility:** Applications may be made by any FSTG member, and will be considered on the basis of merit and need. Applicants must be members of at least six months standing and must not have already received an FSTG travel bursary in the previous 2 years.

**Application Process:** Applications must be made online using the form on the FSTG website ([www.formulation.org.uk](http://www.formulation.org.uk)) and will be considered by the review panel (the officers of the FSTG) on an *ad hoc* basis; there are no fixed application deadlines. Applicants' attention is drawn to the requirements detailed in the notes on the website by which applications are bound.

*Some conditions may be waived at the discretion of the review panel, and applicants are always encouraged to contact the current secretary or chairman of the FSTG for advice. All awards are made at the discretion of the review panel whose decisions are final and binding.*

**Engineering Doctorate in Formulation has a bumper year!**

**Black and Green II**  
November 10th, York

The Centre for Formulation Engineering at the School of Chemical Engineering at the University of Birmingham has had its best recruitment year ever with 23 new Research Engineers starting their Doctoral studies during the period Sept 2009 – Sept 2010. The Centre is supported by the EPSRC with a block grant of £ 5.5 million and contributions from industry and has a target of 10 recruits per annum.

The Centre has continued its expansion into Europe with students now based with Unilever in the Netherlands and with BASF in Germany. There are four more students due to start in October and a strong pipeline of future projects. A particular highlight of the year was obtaining a second Industrial Fellowship from the 1851 Royal Commission.

This year new projects from ranged from Cosmetics, Chocolate, Catalysts and Ceramics to Bread, Lubricants, Detergent powders and whipped creams. For more information on the programme please contact Dr Richard Greenwood at [r.w.greenwood@bham.ac.uk](mailto:r.w.greenwood@bham.ac.uk)

The key challenge for formulation science over the next decades will be the accelerating change from largely oil based and energy intensive ingredients to mainly sustainable ingredients, the change from black to green. This will require new skills and approaches from all those involved in formulation science. In order to help the formulation science community address this challenge, the Royal Society of Chemistry's Formulation Science and Technology Group has put together a series of conferences showcasing the challenges, the new approaches and the successes of formulation science, under the title of "Black and Green". These will be an essential ingredient in the redirection of formulation science from the black to the green.

Attendance at the meeting is essential for all formulation scientists, as all now work in a climate where increasing concerns over environmental Carbon Footprints and the sustainability of sourcing of raw materials, means that old recipes no longer work and new designs are needed, while still achieving stability and performance. For more details, please see our website <http://www.formulation.org.uk>.

**NanoFormulation2011,**  
Suntec city, Singapore

NanoFormulation2011 is the 2nd of three international events organized under an EU-funded programme called InForm (Integrating Nanomaterials in Formulation). InForm comprises of world leading research institutes, SME's and major companies, and aims to bring together the scientific knowledge on the formulation of nanomaterials to create an appropriate platform for the dissemination of first-hand knowledge all over the world. Limited bursaries for travel are available

Conference themes:

- Formulation of nano-bio materials
- Handling and processing of nanopowders
- Processing of soft nanomaterial formulations
- Physical chemistry at the nanoscale
- Smart and functional materials in formulations: coatings, film and tapes
- Safety and health effects of nanoscale materials.

Registration: <http://www.nanoformulation2011.com>

**Obituary**

It is with great sadness that we would like to announce that Principle lecturer in Formulation Science at the University of Greenwich and ex-FSTG committee member Dr Lisa Benee passed away on the 3<sup>rd</sup> October 2010 at the age of 36 years



*Disclaimer: The views presented in this newsletter do not represent those of the collective memberships of either the RSC or FSTG or individual members. Unless otherwise stated, the views solely represent those of the authors.*