



CALENDAR OF FORTHCOMING EVENTS 2009

July 1st—2nd 10th UK Particle
Technology Forum, University of
Birmingham, Birmingham

July 6th—9th Getting Started in
Particle Technology, Weetwood
Hall, Leeds

July 11th—14th Particles micro-
and nano encapsulation, Holiday
Inn Berlin City — West, Berlin

42nd IUPAC Congress—
Chemistry Solutions, Scottish
Exhibition and Conference Centre,
Glasgow

September 17th Novel Ap-
proaches to Formulations—From
Concept to Product, Joint FSTG /
IChemE Event, Birmingham

October 15th Analysis of Inhaled
products, Royal Society of Phar-
maceutical of Great Britain, Lon-
don

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

We have some exciting new news to share with you, we are in the process of trying to help align the formulation landscape and have recently been talking with the IChemE, Royal Pharmaceutical Society of Great Britain, Society of Cosmetic Scientists, CIKTN and the Yorkshire Forward Formulation network. We are also exploring how we can interact and support work with making sense of science.

Our first collaborative formulation event with the IChemE will be held on the 17th of September at the University of Birmingham is called "product design from concept to product". We would also like mention that we are developing with CIKTN a "Formulation Car Boot" event that will be held later this year, more details to follow soon. To view further details on any of our events see the column on the left hand side of the newsletter. Alternatively, links to more detailed information can be found on the conferences page of the FSTG website:

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

The committee of the Formulation Group (FSTG) is looking for nominations for one committee member. The nominee needs to be a member of the FSTG/RSC. The committee would particularly like to hear from members engaged in food formulation science and technology. This position is open to all members, academics and industrialists, young and established researchers.

In the following editions of the newsletter we would like to cover articles that reflect our membership interest; to do this we would like to invite you to contribute an article for our newsletter. We would also like to know if there are any specific topic areas that you would like our conferences to cover? We were wondering whether you like the look of our new website, have you had a look lately, do we cover your needs. Why not let us know what you think?

Formulations Focus : Delivering the Molecule to the Consumer

The structure of yogurt determines the mouth feel and hence, sensory properties, by carefully controlling and manipulating the microstructure new sensory responses can be developed. Numerous academic researchers within the UK have been working on problems like these for the last few years. Classical process engineering is concerned with the processing of simple chemicals on the bulk scale. For example the physical properties of petroleum products or intermediate bulk chemicals can clearly be described using thermodynamics. Materials such as chocolate and ice cream are much more complicated as the property of the product depends on the processing conditions, i.e. the time, temperature and shear rate that the product has been exposed to.

Formulation engineering is not exclusively limited to areas of foodstuffs and pharmaceuticals, it can be used to recover valuable metals from urban waste such as hard disks and car exhaust catalytic converters. Furthermore, recent advances in particle design allow the development of products that have defined particle size and narrow size distributions leading to the possibility of improved product performance. This new exciting and emerging technology can offer the possibility of improved "skin feel" and allow the design of added value products such as "smart particles" for delivery systems, for example, encapsulation of fragrances, triggered actives, essential oils etc.

42nd IUPAC CONGRESS—CHEMISTRY SOLUTIONS

Venue: Scottish Exhibition and Conference Centre (SECC) -
Glasgow

Date: August 2nd—7th August 2009

The FSTG is proud to sponsor the session entitled "Formulating for the Green Renewable Age". For more details please use the links provided on the FSTG website.

June 7-10, Formula VI, Aula Magna—Stockholm, University, Sweden

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

Organization:

Job title:

FSTG member for:

Research interests:

What do you think are the current areas of challenge in the field of Formulation Science?

Any hobbies?!

Become a Member:

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

For further information
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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) 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.

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.

Thought for the Month: There are no such things as applied sciences, only applications of science. *Louis Pasteur*

