

Short Course in Colloid Science

4 & 5th April 2011

Application Form (*block letters please*)

Online registration <http://bris.ac.uk/slink/35h7>



University of
BRISTOL

Name.....Title.....

Name and Address of Organisation.....

.....

.....Post Code.....

Telephone.....Email.....

Dietary Requirements.....

I enclose a cheque for £500 per person

Cheques should be made payable to "University of Bristol".

Please draw non-UK cheques in sterling on a London Bank.

Cancellations and Substitutions

Cancellations will be accepted (but will be subject to a 30% handling charge)

if received before 20th March 2011. After that date no refunds can be made.

Please note that if you do not cancel and do not attend you are still responsible for the full fee. Substitutions can be made at any time, please advise of name change.

Dr Samantha Hutton

School of Chemistry

Cantock's Close

Bristol BS8 1TS

United Kingdom

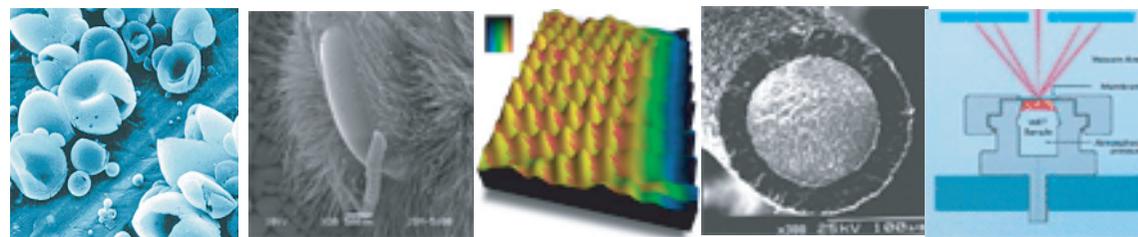
Tel: +44 (0) 117 928 9936

Fax: +44 (0) 117 925 1295

email: colloids-course@bristol.ac.uk

<http://www.chm.bris.ac.uk/pt/BCCIS/course/>

A Short Course in Colloid Science



4 & 5th April 2011

School of Chemistry, University of Bristol

Short Course in Colloid Science

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This short course will focus on the theories used in Colloid Science, its applications and associated techniques.

Colloid Science encompasses many disciplines including: drug delivery, food absorption, catalyst development, polymer solutions, crystallography, inter-particle adhesion forces and oil recovery.

The course will include lectures, *interactive workshop* and a case study mapping the journey from lab to product launch.

Lectures include:

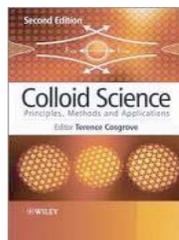
- ❖ Properties of charged surfaces and stability of charged systems
- ❖ Surfactants - Aggregation and Adsorption
- ❖ Emulsions and Microemulsions
- ❖ Polymers: Solutions and Interfaces
- ❖ Effect of Polymers on Colloidal Stability
- ❖ Wetting of surfaces, Aerosols and Foams
- ❖ Rheology

Registration desk will be open from 12 noon, the first session will start at 12.50pm.

The last lecture on Monday will finish at 6.30pm and will be followed by a social mixer and course dinner.

Tuesdays session will finish at 3.30pm.

The cost of the event is £500 per person; this includes registration fees, text book, course notes, lunch on Tuesday, coffee/tea where appropriate and course dinner on Monday evening.



Case Study

Prof Terence Cosgrove

From lab bench to shop shelf - the story of Revolymer



Revolymers® has developed the first environmentally responsible innovation in mainstream chewing gum using a polymer that can be applied to all gums right across the confectionery industry. This technology is based on a compound originally invented by Prof Terence Cosgrove.

The aim of the course is to provide a broad-based, but detailed introduction to colloids and an overview of some theoretical developments and experimental advances. The course will provide an excellent opportunity for delegates to talk directly to experts in this field and to stimulate ideas for innovative applications of colloid science.

The course will be of interest to professional scientists, engineers, laboratory managers and technology suppliers in a wide range of industries who wish to update and advance their knowledge in Colloid Science. It is also suitable as an introduction for physical scientists with no previous experience of the subject.

Venue

School of Chemistry, Cantocks Close, Bristol BS8 1TS

Accommodation is available in Bristol to suit all budgets.

Websites listing a number of Bristol hotels include:

<http://www.visitbristol.co.uk>

<http://www.city-visitor.com>

