

# Spring School in Colloid Science

26th - 28th March 2012

School of Chemistry, University of Bristol

## Aim of the course

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 consist of lectures, interactive sessions, a group problem solving session and demonstrations of the latest developments in surface and colloid science instrumentation. We will also focus on the translation of research from the *lab bench to industry* through workshops and case studies.

## Who should attend

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.

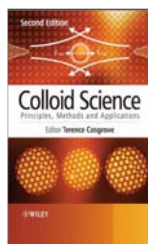
Usually, delegates are either science graduates or possess an equivalent qualification or experience.

## Fees

Fees include all tuition costs, a comprehensive set of lecture notes, lunches and refreshments during the day and a Course Dinner.

Delegates will also receive a copy of the textbook specially commissioned for Spring School "Colloid Science: Principles, methods and applications"

£1150 incl. VAT



## Lectures

Colloid Science encompasses many disciplines including: drug delivery, food absorption, catalyst development, polymer solutions, crystallography, inter-particle adhesion forces and oil recovery. This breadth is reflected in the content of the course

Topics covered will include:

- Colloidal Stability
- Surfactants
- Emulsions & Microemulsions
- Polymers
- Charged Surfaces
- Wetting and Foams
- Rheology
- Aerosols

The **Bristol Centre for Colloid and Interface Science** at the University of Bristol has a proud tradition of excellent research in Colloid and Interface Science at the forefront of both academic and industry-focussed research. The Spring School in Colloid Science is now in its 41st year. The 2012 course will run in conjunction with Formumetrics Ltd.

Based in the Bristol and Bath Science Park, **Formumetrics** was founded by previous members of The Bristol Colloid Centre. Formumetrics specialise in providing formulations, measurements and expertise to a wide variety of industrial clients; ranging from SMEs through to the UK's leading R&D companies. The staff of Formumetrics will be involved in delivering the scientific programme.

**For more information or to book a place please contact;**

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