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Fee until 10 March*		Fee after 10 March		Amount Due
Ex VAT	Incl VAT	Ex VAT	Incl VAT	
£350.00	£402.50	£400.00	£460.00	

* Discounts for block bookings and DOMINO members may apply, please contact Course Organiser.

☐ BHR Group technical services ☐ BHR conferences ☐ BHR training courses

Payment

☐ Please find enclosed a cheque for ☐ I attach herewith a Purchase Order

☐ The fees will be settled by bank Transfer direct to BHR Group Limited

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TRAINING COURSE DISPERSION and STABILISATION of NANOPARTICLES in LIQUIDS

13 May 2009

Lord King's Norton Room, Mitchell Hall, Cranfield, Bedfordshire, UK

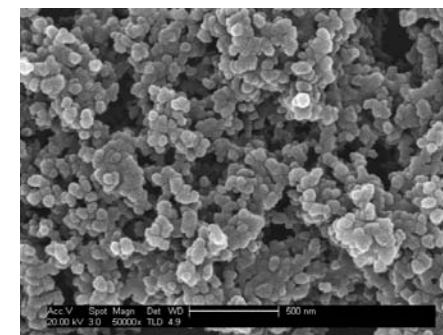
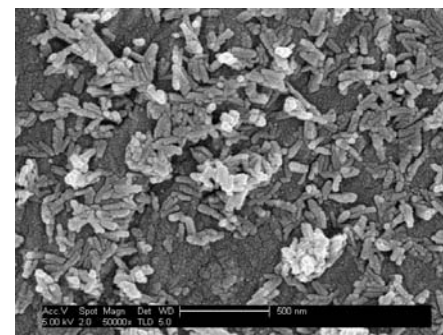
Applications and scope:

Nanoparticles and products that contain nanoparticle dispersions are finding increasing applications in the coatings, personal and health care, paints and inks, plastics and several other industries. This training course consists of different sessions covering various processes involved in the dispersion of nanoparticles in liquids:

- incorporation
- break up
- stabilisation

The course will include:

- ◆ Different process devices, mechanisms and kinetics of break up and drawdown which are crucially important in process design.
- ◆ Different stabilisation methods depending on the system (for example, by controlling the surface charge properties of the particles or by an entropic method arising from the adsorption of polymeric materials onto the particle surfaces).
- ◆ The molecular architecture of stabilising polymers specifically designed according to the chemistry of the particle surface and continuous phase.



Who will benefit:

Anyone working in the field, in particular practising engineers and scientists in industry should benefit from the course. In addition to the presentations containing video clips and example case studies, there will be plenty of opportunities for discussions with the presenters.

Course Lecturers

All course lecturers were involved in the workshop run during Nanomaterials 08-Newcastle UK.



Gül Özcan-Taskin is a Senior Technical Consultant at BHR Group. She has over 20 years experience in running R&D and consultancy projects on mixing and dispersion processes, including the dispersion of nanoparticles in liquids. She has given several lectures, directed courses and published in the field. Gül has a PhD in Chemical Engineering from Birmingham University.



Paul Reynolds is the Business Manager of the Bristol Colloid Centre (BCC) as well as having a role as a Co-ordinator for the Nanoscience activity of the University of Bristol and developing collaborative interdisciplinary activities within the University and outside bodies, including commercial companies. Paul has spoken at many international and national courses including those organised and run by the BCC. He obtained a PhD in Chemistry at Bristol in 1980 and subsequently worked in industry until setting up and running the BCC in 1994.



Gregory Brown has extensive industrial experience in manufacturing of reactive dyes both powder and liquid as well as transfer printing inks with ICI. He has been responsible for Zeneca/Avecia's Technical Services in Europe and developed the Humectant products for their Hyperdispersant range. Most recently he has been developing Nanoparticle dispersions with Hyperdispersants for Lubrizol.

Exhibitors

Current Exhibitors include **Ytron Quadro** and **Meritics**.

Course Arrangements

Course delegates will receive a pack giving details of transport and session times.

Delegates are responsible for booking their own accommodation. Rooms are available at the Cranfield Management Development Centre, within a few minutes walk of the course venue on the Cranfield University Campus. Bookings can be made via the links on the course website at www.bhrconferences.com.

Alternatively, Milton Keynes and Bedford are both within 20 minutes drive, with a range of hotels to choose from.

Course Fees

The delegate fee for the course is £350.00* + VAT if booked before 10th March; for bookings after this date the course fee is £400.00* + VAT.

Exhibitors

The exhibitors fee for the course is £650.00* + VAT for stand including 1 delegate attendance if booked before 10th March. For bookings after this date, the course fee is £700.00* + VAT for stand including 1 delegate attendance. Stand size will be approximately 2 metres x 1 metre.

Customised Courses

Tailored courses, chosen to meet your specific requirements, are available from our lecturers at BHR Group, your site or other venues worldwide. Please see our website for the full brochure of topics we offer, and contact us to discuss the detailed content you might require.

More Information

Website: www.bhrgroup.com.

Bookings: Ms Deborah Carrington, Process Administrator,
dcarrington@bhrgroup.co.uk.

Course Director: Dr Gül Özcan-Taskin, Senior Technical Consultant.

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