

PARTICULATE SYSTEMS ANALYSIS PSA 2005

organised by



21 - 23rd September 2005
Moat House Hotel
Stratford upon Avon, UK

CALL FOR PAPERS

Deadline for Abstracts 1st November 2004

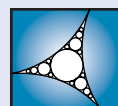
This 9th PSA conference, organised by the Particle Characterisation Group of the RSC, follows on from the successful conference and exhibition held in Harrogate in September 2003. The venue chosen for PSA 2005 is a modern, well appointed Moat House hotel within walking distance of the centre of the Shakespearian town of Stratford upon Avon.

www.psa2005.com

PARTICULATE SYSTEMS ANALYSIS 2005

21 - 23rd September 2005

Organised by



**PARTICLE
CHARACTERISATION
INTEREST GROUP**

Technical Committee

Dr. Dominic Rhodes (NSTS) – **Chairman**
Dr. Lisa Mason (Leeds) – **Shadow Chair**
Dr. Ed Wynn (Birmingham)
Dr. Paola Lettieri (UCL)
Dr. Mark Gilbertson (Bristol)
Dr. Ricky Wildman (Loughborough)
Dr. Joseph Anthony (Leeds)
Dr. Yulong Ding (Leeds)
Dr. Sam Kingman (Nottingham)
Dr. Alison Nordon (Strathclyde)
Dr. Gareth Brown (GB Associates)
Dr. Liam MacNamara (Baker Hughes)
Dr. Christian Seiler (MSD)
Dr. Hadi Abou-Chakra (Surrey)

Organising Committee

Ron Buxton – **Secretary**
Jan Buxton – **Administration**
Maurice Wedd – **Treasurer**
Dominic Rhodes
Lisa Mason
Toni Lilly
Nayland Stanley-Wood
David Merrifield

International Advisory Board

Agba Salman	Arthur Boxman
Brian Vincent	Mike Hounslow
Brij Moudgil	Mohsen Khalili
Chris Cross	Mojtaba Ghadiri
Colin Thornton	Nigel Heywood
David Merrifield	Peter Fryer
David Scott	Reg Mann
Jamie Cleaver	Rex Thorpe
Jim Adair	Sotiris Pratsinis
Dave Newton	Robert Donovan
Jan Cilliers	Roger Place
Raffaella Ocone	Rose Amal
Simon Lawson	Simon Biggs
John Bridgwater	Stefaan Simons
Jonathan Seville	Thomas Taylor
Kevin Kendall	Tom Dyakowski
Kevin Powers	Ugur Tuzun
Kevin Roberts	Virendra Puri
Luis Garcia-Rubio	Wolfgang Peukert
Malcolm Povey	

Papers are invited in the following thematic areas:

- ▼ Manufacturing and functionalisation of particulates or structured particulate products from the nanometre to millimetre scale.
 - ◆ Particulate product design and particle chemistry
 - ◆ Particulate solids handling and processing
 - ◆ Suspension, dispersion, and granular flows
 - ◆ Pneumatic and hydraulic conveying, and fluidisation
 - ◆ Process control
- ▼ Measuring techniques for particulate systems
 - ◆ Particle size, shape, and structure analysis
 - ◆ Rheological analysis
 - ◆ Measurement of electrical charges
 - ◆ Single particle and bulk powder characterisation
 - ◆ Cohesive powder characterisation
 - ◆ Non-intrusive particle tracking techniques
 - ◆ Flow measurement
 - ◆ Emerging techniques for nano particulate systems
- ▼ Modelling of particulate systems
 - ◆ Modelling of particulate systems across length scales
- ▼ New theories and methods for nano particulate systems

The PSA2005 conference and exhibition will be relevant to a range of scientific, technological and engineering sectors, in particular, the pharmaceutical, nuclear, chemical, biomedical, mineral, food and household product industries.

Selected papers will be published in special issues of 'Particle and Particle Systems Characterisation', 'Particulate Science and Technology' and 'Powder Technology'.

Conference Format 3 Parallel Sessions

	TUESDAY 20 TH	WEDNESDAY 21 ST	THURSDAY 22 ND	FRIDAY 23 RD
9:00		Opening Ceremony	Plenary	Plenary
9:30		Plenary		
10:00		Sessions 1, 2 & 3	Sessions 7, 8 & 9	Sessions 13, 14 & 15
13:00		Lunch, Exhibition & Posters	Lunch, Exhibition & Posters	
14:30		Plenary	Plenary	
15:00		Sessions 4, 5 & 6	Sessions 10, 11 & 12	
17:00				
17:30	Registration and Mixer	Wine Mixer in the Exhibition & Posters	Posters	
18:00				
19:00			Conference Dinner	

Opening of PSA 2005

Dr. Sue Ion – Nuclear Science & Technology Services

Plenary Contributors

- ▼ Online Analysis and control of particulate processes – Hugh Stitt (Johnson Matthey)
- ▼ Nanoparticles- characterisation & Kinetics - Richard Challis (Nottingham University)
- ▼ Measurement methods for size shape and surface structure – Arnie Duncan (USA, TL)
- ▼ Bulk Powder characterisation – Mark Jones (University of Newcastle, Australia)
- ▼ Concentrated Dispersions – Richard Williams (Leeds University)
- ▼ Tracking particles in processes - David Parker (Birmingham University)

Up to date conference and exhibition information is available at:

www.psa2005.com

Stratford-upon-Avon, the birthplace of William Shakespeare, steeped in culture and history. Set in the beautiful rural Warwickshire countryside, on the banks of the river Avon, it is one of the most important tourist destinations in the UK. With easy road, rail and airport access, it is the perfect place for a vacation or short break. Come wander through the Stratford pages at, <http://www.stratford-upon-avon.co.uk/> and get a taste of Olde England - and make your plans now. Using the Stratford district as a base, you can enjoy the delights not only of Shakespeare's hometown, but also the nearby surrounding shire counties of Oxfordshire, Worcestershire and Gloucestershire. Enjoy Blenheim Palace and the Cotswolds to the south, Worcester and the Malverns to the west, Warwick Castle and Henley in Arden to the north, and all within an hour's journey of Stratford itself.

For more information visit <http://www.stratford-upon-avon.co.uk/>



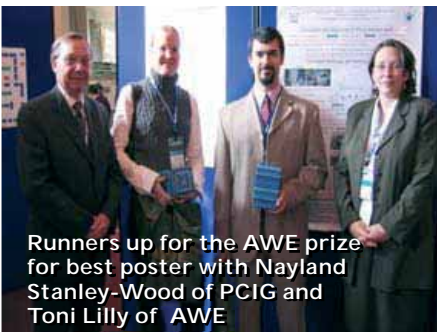
Stratford Moat House Hotel

This splendid 251 bedroom hotel offers excellent accommodation with the choice of three bars and restaurants in addition to Club Motivation. The indoor heated swimming pool, spa, sauna and steam room is complimented with a fully equipped air-conditioned gymnasium.

For more information and reservations visit www.moathousehotels.com



PSA2003 In action



PARTICULATE SYSTEMS ANALYSIS 2005

21 - 23rd September 2005



REGISTRATION FORM

To register for PSA 2005 conference please return this page to:

Mrs Jan Buxton
C/o Particle Technology Ltd
Station Yard Industrial Estate
Hatton, South Derbyshire DE65 5DU
Tel: +44 (0)1283 810091/520365
Fax: +44 (0)1283 520412
Email: ron@psa2005.com

Please indicate if delegate or speaker

Name/Title

Institution/Company

Address

Telephone

Fax

E-mail

Dietary Restrictions

Early registration fees apply for payment made on or before 20th June 2005.

Full conference	£400.00	£475.00
Day delegate Rate	£200.00	£250.00
Student registration	£200.00	£250.00

Payment can be made by cheque or credit card. Unfortunately we are unable to accept American Express.

(Student places are limited and are on a first come first served basis. Supervisor/Head of Department authorisation must accompany student's registrations.)

I enclose a cheque for £_____ payable to Particle Characterisation Group (overseas cheques should be made in £ Sterling by a cheque drawn on a London Bank or otherwise free of all bank charges and commission).

Registration fees must be paid prior to the official start of the event. Registration can only be confirmed on receipt of payment. Receipts will be sent on request.

Credit card payment. Please debit my card and sign below:

Signature

Name of Cardholder

Credit Card Number

Security No.

Card Type

Expiry Date

Abstract submission: 01/11/04

Full paper submission: 01/07/05

Early registration: 20/06/05

Abstract Title

Poster Titles

I am interested in participating in an exhibition of particle characterisation equipment

I would like to be removed from any database

Please send Travel Bursary application Form

Accommodation is available at the Moat House in Stratford. Early booking is recommended as places are limited. Please book directly with the Moat House Stratford-upon-Avon (www.moatousehotels.com). Please quote PSA 2005.

Gala dinner evening will be held on the 22nd September please indicate if you wish to attend