



PSA2011

PARTICULATE SYSTEMS ANALYSIS
Monday 5th – Wednesday 7th September 2011
EDINBURGH UK

First Announcement

This 11th PSA conference, organised by the Particle Characterisation Interest Group of the RSC, follows on from the successful conference and exhibition held in Stratford upon Avon in September 2008. The location for 2011 is the vibrant city of Edinburgh. The venue chosen is the contemporary Hilton Edinburgh Grosvenor Hotel in the West End of the city. (www.hilton.co.uk/edinburghgrosvenor)

Papers will be invited in the following thematic areas:

Manufacturing and functionalisation of particulates or structured particulate products from the nanometre to millimetre scale.

The following sub-areas will be considered:

- Process Analytical Technology
- 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 across length scales
- New theories and methods for nano particulate systems

The PSA2011 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.

www.psa2011.com

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