

Nanoparticles 2008: Synthesis, Properties and Applications of Nanoparticles

Monday 4 February 2008
The National Media Museum, Bradford, UK

- 09.00 Registration and Coffee**
- 09.50 Session 1 and Conference Welcome**
Chair Dr Jawwad A. Darr, University College London, UK
- 10.00 Exploring Nanomaterials for Biological Labelling Applications**
INVITED SPEAKER, Dr Mark Green, Kings College, UK
- 10.40 Fabrication of Magnetic Nanoparticles for Biomedical Applications**
Dr Nguyen T.K. Thanh, University of Liverpool, UK
- 11.15 Multivariate Statistical Process Control Using Multi-sensor Measurements of On-Line Dynamic Light Scattering, Acoustic Spectroscopy and Process Tomography**
Dr Liu, University of Leeds, UK
- 11.35 Refreshments**
- 11.55 The Nanomechanical Testing and Characterisation of Anti-Viral Nanoparticle Surface Coatings**
Professor Peter Allan, Brunel University, UK
- 12.30 Development of Efficient Low-Cost Optoelectronic Devices Using Hybrid Organic-Nanoparticle Systems**
Dr Richard Curry, University of Surrey, UK
- 13.05 Lunch and Posters**
- 14.05 Session 2**
Chair - Dr Nguyen T.K. Thanh, University of Liverpool, UK
- 14.10 Surface Modification using Nanoparticles to Inhibit Cellular Proliferation**
Dr Michael Garvey, University of Liverpool, UK
- 14.45 Spark Plasma Sintering of Nanomaterials Composites**
Dr Mike Reece, Queen Mary University of London, UK
- 15.20 Continuous Hydrothermal Flow Synthesis of Doped Titania for Photocatalysis and UV Attenuation**
Josephine Goodall, University College London, UK
- 15.40 Refreshment Break**
- 16.00 Cellular Uptake and Intracellular Fate of Gold Nanoparticles**
Professor Mathias Brust, University of Liverpool, UK
- 16.35 Opportunities and Applications of Nanomaterials**
PLENARY SPEAKER, Professor Peter Dobson, Oxford University, UK
- 17.20 Close of Day Talks**
- 17.30 Wine Reception in Atrium**
- 18.00 Networking Event in Atrium**
- 19.00 Gala Dinner**