Advanced Materials: Analysis and Applications

A FREE Workshop

Wednesday 8th October 2008
University of Birmingham

What will you learn from this Event?

Characterisation Techniques used in the Development of Advanced Materials

Understand how Failures in Materials can be Investigated

Production and uses of new Metal Nanopowders

Latest Surface Engineering Techniques

Innovative Composites

Who should attend?

Manufacturing companies of all types from engineering to food and drink who want to explore how materials issues can benefit their business

Please register online at www.vin.bham.ac.uk
Or email materials@vin.bham.ac.uk or contact 0121 414 5070

09:00 – 09:30	**Registration**
09:30 – 09:45	Introduction (VIN technology services™)
09:45 – 10:15	Materials Characterisation Techniques Prof Jon Sullivan, MSA, Aston University
10:15 – 11:00	Failure Analysis, A Forensic Journey Dr Martin Strangwood, University of Birmingham
11:00 – 11:15	Refreshments
11:15 – 11:45	Uses of Metal Nano Powders Dr Isaac Chang, University of Birmingham
11:45 – 12:30	S-Phase Surface Engineering to Combat Surface-Related Failure of Stainless Steel, Co-Cr and Ni-Cr Alloys Dr Hanshan Dong, University of Birmingham
12:30 – 13:30	Networking Lunch
13.30 – 14.00	Innovative Composites and Sensors Prof Gerard Fernando, University of Birmingham
14.00 – 15:30	Tours of Metallurgy & Materials Facilities

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Advantage West Midlands

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