



Doctoral Training Centre in Functional Materials & Devices

'From Materials to Devices'

Open Day Monday 25th February 2013

In February, the Engineering & Physical Science Research Council (EPSRC) will open the call for a new round of Centres for Doctoral Training (CDTs). CDTs offer more focussed technical and non-technical training over a 4 year PhD programme in EPSRC priority areas, one of which has been identified as '*Functional Materials*'. This open day will outline how the '*Doctoral Training Centre in Functional Materials & Devices*' plans to drive innovation in SMEs and OEMs in the functional materials and device sector by providing interdisciplinary PhD level research and training within integrated laboratories that house state of the art equipment for materials synthesis, processing, device design/modelling and characterization.

Agenda

12:00 Lunch & poster presentations- Turner Museum of Glass, E Floor

12:30 Introduction to CDT- Prof. Ian Reaney, Dept. of Materials Science & Engineering

13:00 Presentations on research capabilities

- Communication technologies- Prof. Richard Langley, Dept. of Electronic & Electrical Engineering
- Nanofabrication- Prof. Richard Hogg, Dept. of Electronic & Electrical Engineering
- Electroceramics- Prof. Tony West, Dept. of Materials Science & Engineering
- Magnetic materials- Dr. Dan Allwood, Dept. of Materials Science & Engineering
- Functional polymers- Dr. Ahmed Iraqi, Dept. of Chemistry

14:00 Tours of research facilities

- Mercury Centre for Advanced Manufacturing- Dr. Martin Highett
- Electron microscopy facilities- Prof Mark Rainforth
- Nanofabrication laboratories- Prof. Richard Hogg
- Ceramics laboratories- Prof. Ian Reaney

Venue: Dept. of Materials Science & Engineering, Sir Robert Hadfield Building, Sheffield S1 3JD

The department is a 20 minute walk from Sheffield train station or a short tram ride away (Blue line in the direction of Malin Bridge). Please call to reserve parking.

RSVP: Dr. Neil Lowrie, neil.lowrie@sheffield.ac.uk, 0114 222 5506. Limited parking is available.