

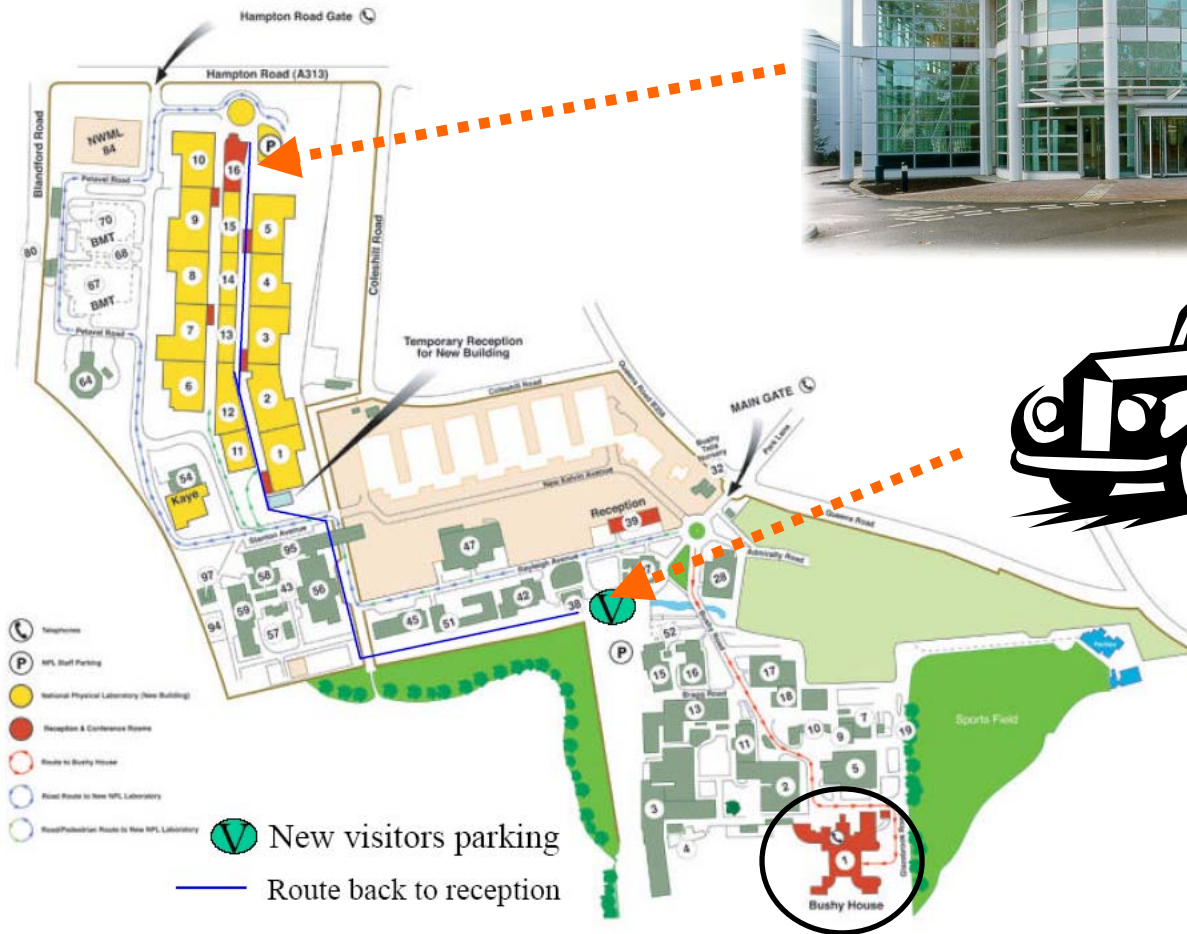
Industrial Advisory Group Meeting 8 November 2007

Polymers: Multiscale Properties

Welcome

- **Please**
 - Switch off mobile phones
 - Feel free to ask questions
- **Emergency**
 - Evacuation - Muster outside on the sports field
 - Phone - 3333

Now where did I leave my car?



Agenda

10.00 Coffee/Tea

10.30 Welcome and Introduction

10.45 Programme Formulation and Metrology Roadmaps

11.00 In Silico Analysis of Medical Devices and Material Research

Darren Hodson (AstraZeneca R&D Charnwood)

11.30 SM06: Knowledge Based Design of Plastics

Dr Greg Dean (NPL)

12.00 SE02: Improved Design and Manufacture of Polymeric Coatings Through the Provision of Dynamic Nano-Indentation Measurement Methods

Dr Nigel Jennett (NPL)

Agenda

12.30 SM10: Characterising Micro- and Nano-scale Interfaces in Advanced Composites

Dr Bill Broughton (NPL)/Tim Young (Surrey University)

13.00 Lunch

14.00 AM11: Diagnostics for Measuring and Modelling Dispersion in Nanoparticulate Reinforced Polymers

Dr Bill Broughton (NPL)

14.30 Discussion – Future Direction

Any Other Business

15.00 Closure of Meeting

Other Related NMS Projects Processing (2005 – 2008)

- ◆ H4: Flow Properties of Filled Materials

Martin Rides (NPL)

- ◆ U4: Dynamic Properties of Solid/Liquid Materials
Systems at the Nano and Micro-Scale

Martin Rides (NPL)

Other Related NMS Projects

Characterisation (2006 – 2009)

- ◆ **SE01: Efficient Production and Utilisation of Surface Engineering Through the Provision of a Measurement Toolkit**

Mark Gee (NPL)

- ◆ **SE03: Effective Design, Manufacture and Use of Nanostructured Coatings through Measurement**

Nigel Jennett (NPL)

- ◆ **SM09: Improving Quality in Composite Materials Through the Provision of Traceable Measurements**

Tony Maxwell (NPL)

Other Related NMS Projects

Materials 2007+ (2007 – 2010)

- ◆ AM10: Metrology of Fluid Properties for Micro-Processing

Martin Rides (NPL)

Any Questions?

Website

Please also note the new link for the IAG member pages

<http://resource.npl.co.uk/materials/programmes/characterisation/pw/polymers/meetings.html>

User Name: multiscale

Password: iagmember