

# British Crystallographic Association - Industrial Group Autumn Meeting

Thursday 9<sup>th</sup> November 2006  
Pilkington European Technical Centre

## Impact of Crystallography in an Industrial Environment

### Programme

10:00	<b>Coffee &amp; Registration</b>
10:30 – 10:40	<b>Welcome</b> Jeremy Cockcroft, Chair of the Industrial Group
Morning Session Chair: Jeremy Cockcroft	
10:40 – 11:00	<b>Introduction to Pilkington</b> Mary Ormsby, Senior Manager, Head of Off Line Coatings and Science Support Group
11:00 – 11:30	<b>High Throughput Screening: How to use Raman Spectroscopy and XRPD Together.</b> Gordon Barr, Department of Chemistry, University of Glasgow
11:30 – 12:00	<b>The Evolution Of FAFNIR, And The Application Of FENRIS To Crystallite Size And Strain Determinations In Pyrolytic Silicon Carbide.</b> Ian Ferguson, Retired (UKAEA).
12:00 – 12:30	<b>Combinatorial CVD- X-ray powder diffraction mapping for the formation and quantification of new coatings on glass</b> Prof Ivan P Parkin, Department of Chemistry, University College, London
12:30 – 14:00	<b>Lunch and tour of Pilkington Exhibition</b>
Afternoon Session Chair: David Taylor	
14:00 – 14:20	<b>Applications of XRPD and X-ray Reflectometry in the glass industry</b> Mark Farnworth, Off Line Coatings and Science Support Group, Pilkington Group Ltd.
14:20 – 14:40	<b>The role of XRPD at BP</b> Andrew Hodge, BP Chemicals, Saltend, Hull.
14:40 – 15:00	<b>Dog Food 'n Diffraction</b> Richard Morris, Morris Analytical X-ray Ltd, Oldbury
15:00 – 15:20	<b>Characterisation of Advanced Semi-conductor Materials using HR XRD and how this compares with other techniques, such as TEM, PL, SIMS.</b> Chris Staddon, School of Physics & Astronomy, University of Nottingham
15:20 – 15:40	<b>Powder X-ray Diffraction for Process and Product Support in Shell Global Solutions</b> Graham C. Smith, Shell Global Solutions UK,
15:40 – 16:00	<b>Applications of X-ray Powder Diffraction (XRPD) at the Health and Safety Laboratory (HSL)</b> Peter Stacey, Health and Safety Laboratory, Buxton.
16:00	<b>Tea and Discussion</b>
16:30	<b>Close</b>