



BCA Industrial Group Autumn Meeting

4 November 2004

**Glaxo-Wellcome Lecture Room B62,
School of Crystallography, Birkbeck College, London**

"DIY Crystallography" - Hardware & Software

Kindly sponsored by  **PANalytical**

10:30 COFFEE & Registration

10:55 Jeremy Cockcroft (BBK)

Introduction

11:00 Chiu Tang (DIAMOND)

Building a High-Resolution Powder Diffractometer

11:40 Olivier Leynaud (BBK/UCL)

Oscillating a Sample for In-situ Furnace Studies

12:00 Ellen Heeley (Sheffield)

Industrial Polymer Processing Studies using Combined SAXS/WAXS Techniques

12:30 LUNCH

13:30 Mark Farnworth (Pilkington)

Multiple Sample Holders

13:50 Jamie Nelson (Nelson Gemmological Instruments)

A Multiple Sample X-ray Diffractometer with Photographic and Counter Recording

14:10 Christopher Hall (Edinburgh)

MATLAB: A Software Tool for Quick Data Analysis

14:40 Ron Ghosh (ILL)

Sharing Software Toolkits

15:00 TEA

15:30 Richard Cooper (Oxford)

DIY Single Crystal Structure Analysis

15:50 Richard Stephenson (UCL/BBK)

CCP14 Developments

16:10 David Beveridge (Ilford Imaging UK Ltd)

Making do without the PDF

16:25 Robin Shirley (Surrey)

CRYSFIRE Update

16:40 Jeremy Cockcroft (BBK)

Concluding Remarks

16:45 FINISH