

BCA 2007 Spring Meeting

XRF PROGRAMME

April 17th – 19th at the University of Kent, Canterbury

PLEASE DISTRIBUTE THIS MEETING FLYER TO ALL YOUR XRF COLLEAGUES!

For more details and to register see: <http://bca.cryst.bbk.ac.uk/bca/ig/xrf/xrf.htm> or <http://tinyurl.com/2L97Q7>

Tuesday Morning

Tutorial / Workshop Session "XRF: where are we now?"

Mark Ingham is organiser and chair.

Note: Rene van Grieken has had to withdraw his contribution from this workshop.

10.00 – 11.15 Bruno Vrebos (PANalytical)

XRF: What instruments have we got, or are likely to get soon?

11.15 Coffee

11.45 – 13.00 Margaret West (West X-ray Solutions) &

Mike Dobby (Bruker AXS)

XRF: What can we do with them?

Tuesday Afternoon

14.00 – 15.00 Semi-quantitative

Ros Schwarz is organiser and chair.

14.00 Heather Harrison (British Geological Survey, Keyworth)

What on earth is this?

14.30 Belen Morales, Paul Hurditch (London and Scandinavian Metallurgical Co. Ltd)

When to use XRF-Semi-quantitative analysis. Case Studies.

15.30 – 16.45 Calibration Samples

Ros Schwarz is organiser and chair.

15.30 David Beveridge. (HARMAN Technology Ltd)

No standards? No blanks? No standardless software? No problem!

15.55 Phil Russell (PANalytical)

Normative Committees.

16.20 Neil Eatherington (British Geological Survey, Keyworth)

Wide Range Oxide fused bead standards.

16.45 Break

17.00 -18.30 XRF Exhibitors' Forum.

Dave Taylor is organiser and chair.

Exhibitors will be allowed to give commercial talks aimed at encouraging delegates to visit their exhibition stand for further information. Exhibitors will be required to register in advance to give a presentation and the available time of 90 minutes will be divided equally to fit in all the talks.

Wednesday Morning

10.15 – 12.00 XRF / XRD Joint session on thin films.

Dave Taylor & Chris Staddon are the organisers.

10.15 Tom Ryan (Nanometrics, Oregon, USA)

Thin Films and Coatings by XRF and XRD: an Overview

11.00 Joachim Woitok (PANalytical, Almelo)

Advanced solid-state X-ray detector for the analysis of thin layered structures

11.20 Hugues Guerault (BrukerAXS)

Up-To-Date XRD-Techniques for investigating ultra-thin films and ultra-small features

11.40 Brian Tanner (Bede)

X-ray probes of the layer and interface structure of nano-scale films for opto-electronics and spintronics

Wednesday Afternoon

13.30 – 15.00 and 15.30 – 17.00 XRF Applications - including Cultural Heritage

David Beveridge is organiser and chair.

13.30 Luisa Carvalho (Lisbon)

X-Ray Fluorescence Analysis on paper characterization

14.00 Jean-Philippe Gagnon (Claisse)

Volatiles management in XRF analysis.

14.30 Malcolm Haigh (Spectro)

Analysis of Geological Samples using a Polarised-Beam Benchtop XRF Spectrometer,

15.00 Tea

15.30 Charles Gowing (British Geological Survey, Keyworth)

Mobile XRF and MCERTS analysis of soils.

15.55 Clair Collins (Oxford Instruments)

Analysis of archaeological artefacts by handheld XRF

16.20 Margaret West (West X-ray Solutions) & D

Jefferson (Jefferson Consulting)

Conservation and Restoration - XRF brings the past into our future

16.40 Rene Van Grieken (Antwerp) *XRS in*

Preventive Conservation.

Tuesday Evening

Posters and Exhibition (buffet and wine included).

see next page...

Thursday Morning

Margaret West is organiser and chair

10:00 XRF Foundation Lecture

Rene Van Grieken(Antwerp) *Environmental Issues*

11:00 - 12:30 Presentations on Environmental issues.

11:00 Nick Marsh (Leicester)

Climate records - lurking in the small print? What's at the bottom of your lake?

11:25 Chris Vanhoof (VITO, Belgium)

Development and validation results of a new European Standard prEN 15309 for the determination of the elemental composition of waste and soil by XRF.

11:50 Stan Piorek (Niton)

Screening of electronic products with a "small-spot" hand-held XRF analyser for compliance with RoHS Directive.

12:10 Ros Schwarz (Oxford Instruments)

Micro-spot XRF in RoHS compliance testing : performance and pitfalls.

12:30 Closing Remarks.

A session on Quantitative X-ray Powder Diffraction in the early afternoon will provide useful background information for many XRF delegates.

Meeting Fees:

Early registration (before 12th March) £150.00

Concessions (students, retired, unemployed) **£75.00**

One Day registration £75.00

Standard B&B (per night) £30.00

En-suite B&B (per night) £45.00

Packed Lunch £6.00

Conference Dinner £30.00

Non Member fee £30:00

Tip: BCA membership is only £20:00

Car Parking is free when ordered on the registration form. XRF delegates should tick the box for the XRF workshop.

EXHIBITION:

We are pleased to announce that exhibitors at the meeting include:

**Analysco Ltd,
Bruker AXS,
Niton Analyzers,
PANalytical,
Rigaku,
Sci-Lab Analytical,
Socachim-XRF Scientific,
SpecAC,
Spectro Analytical,
Spex Certiprep,
Thermo Fisher Scientific.**

PROGRAMME AT A GLANCE

	Tuesday 17th April	Wednesday 18th April	Thursday 19th April
AM	XRF: Where are we now? <i>Bruno Vrebos.</i>	XRD Keynote or Exhib. <i>Prof. Bob Snyder.</i>	XRF Keynote <i>Prof. Rene Van Grieken.</i>
Coffee & Exhibition			
AM	XRF: What can we do with it? <i>Margaret West & Mike Dobby</i>	Joint session on thin films. Bragg Lecture <i>Prof. Sir Roger Penrose.</i>	Environmental Issues.
Lunch & Exhibition			
PM	Semi-quantitative	13:00 IG AGM XRF Applications - including Cultural Heritage	A Standardless Future for Quantitative XRPD?
Tea & Exhibition			
PM	Calibration Samples Exhibitors talks	XRF Applications - continued 17:00 BCA AGM	
		17:45 Hodgkin Lecture <i>Prof. Judith Howard.</i>	
Evening	18:30 Posters & Exhibition Buffet & Wine Reception	19:45 Conference Dinner	