

Meetings at the British Geological Survey, Keyworth, Nottingham

14th May 2008

XRF Minerals and Much More.

A Joint Meeting:



RSC | Advancing the
Chemical Sciences

Atomic Spectroscopy Group
Analytical Division, RSC

Speakers include:

Nick Marsh, University of Leicester.
The preparation and presentation of mineral samples for XRF analysis.

John Mansell, Omya UK Ltd.
Mineral Analysis using ED-XRF. From ppm to %.

Alison Burke, Huntsman Pigments
Routine Analysis of TiO₂ by WD XRF

Anita Radovnikovic, Indaver Ireland.
Trace elements analyses of liquid and semi liquid hazardous waste by WD XRF

John Boyle, University of Liverpool.
Geochemical analysis of lake sediment cores by XRF.

OFFER A TALK – there is still time to offer a short talk at this meeting, contact Dave Taylor.

Meeting Registration:

A registration form will be posted on the web nearer to the meeting.

Fees:

Note: Non-member supplements are waived.

One day fee: Full £40, Concessions £20, STUDENTS FREE!

Both days: £60, £30, STUDENTS FREE!

Sponsorship:

We are still looking for sponsors for this meeting, more details on the web page. Help us provide free student places!

15th May 2008

XRD and Minerals

Speakers include:

Helen Maynard, Edinburgh University.
High Pressure Crystallography of Methane.

Caroline Kirk, Loughborough University.
Structural Studies and High Temperature Properties of Bismuth Vanadate Sillenite.

Eric Ferrage, Laboratoire HydrASA, Université de Poitiers
Investigation of Smectite Structure Heterogeneities: an XRD Profile Modelling Approach.

Stephen Cairns, Glasgow University.
Synthesis and Structural Studies of the Ettringite Group of Minerals.

Andrew Hardy, Exeter University.
Heavy-metal minerals in old and new cosmeceuticals? An unusual application of XRPD.

Peter R. Stacey, HSL, Buxton.
Accuracy in Analysis - How much crystalline quartz do you think you have?

Paul Scofield, Natural History Museum.
Using Neutron Diffraction to Characterize the Mechanical Properties of Rocks.

David Beveridge.
Chasing the Blue Mixed-valence Iron Sulphate.

Alison Pawley, Manchester University
Synchrotron Studies of the Structures of Hydrated Phyllosilicates at High Pressures and Temperatures.

Jenny Huggett, Petroclays.
Geology of wine - including some sampling!

Programme organiser: Martin Gill
See opposite for Fees and Registration.

Why not attend both days and take advantage of the reduced fees to broaden your knowledge?

X-RAY FLUORESCENCE (XRF) PAGE

Next XRF Meeting -14th May 2008 British Geological Survey, Keyworth.

For more details of this meeting see page 4.

SPRING MEETING April 2009

This meeting will include parallel XRF sessions and an exhibition. Planning the programme will start soon. If you have ideas for a theme, or there are specific topics you want to see covered, or if you already have a presentation in mind, then please contact Dave Taylor ASAP with your suggestions.

WEB Newsletter: We are always on the look out for articles for the web and Newsletter, so if you have something to offer contact the editor.

Don't forget that we need your help in expanding our **supplier pages** on the web to build it into a really useful guide for XRF users.

A new section has been added on Fusion Machines – if you are not listed then let us know!

A Tribute to Harold Leslie Giles:

We are saddened to report the passing of Les on the 11th December 2007.



Les joined London & Scandinavian Metallurgical in 1959 and worked there for 32 years until 1991. During his time at LSM, he was a pioneer of the fused bead method for many different types of sample, and of the runny egg breakfast for unsuspecting

service engineers and sales representatives. His ability to produce beads from otherwise refractory materials encouraged others to pick up their platinum ware, cast their first bead and run their first calibration. His practical skills with a muffle and keyboard found world wide acclaim following the publication of the Wide Range Oxide calibration strategy.

Les eased into retirement by confronting a younger audience of prospective analysts at Sheffield Hallam University with wondrous demonstrations of dexterity with spatula and long nosed tongs.

The XRF community is all the better for his wit and wisdom, never acknowledging that he felt better than 'Mondayish' and surrounded by people that made him long to call the missionaries back from abroad, he encouraged many now expert practitioners. During his 81 years he rose from the national service ranks as an aircraft fitter to be respected by Durham Conference delegates as the *Venerable Bead*. After his funeral on 14th December, his family invited us to enjoy a 'small glass of lemonade' in his memory.

He is survived by his wife Joan, son Martin and daughter Anne.

Margaret West et. al.

May meeting Sponsorship:

Sponsorship is now extended to both the XRF and XRD meetings on the 14th and 15th May 2008. Tables and poster boards will be supplied to give sponsors the opportunity to display literature and promotional posters during the two days of the meetings. These will be close by the lectures and give delegates ample access to view the materials during the meeting breaks.

We look forward to seeing you at the British Geological Survey in May.