

SUMMARY PROGRAMME
13th Extractive Industry Geology Conference : Leeds 2004

Registration:	Wednesday 1 September	4.30 p.m. – 7.30 p.m.
	Thursday 2 September	7.45 a.m. – 9.00 a.m.
	Friday 3 September	7.45 a.m. – 9.00 a.m.

Thursday 2 September

Breakfast: 8 a.m. – 9 a.m.

Conference Welcome and Start 9.15 am *prompt*

Morning Coffee: 11.00 – 11.30 (served in the lobby and near the Fenton Room)

Lunch: 12.30 - 1.45 p.m.

Afternoon Tea: 3.15 – 3.45 (served in the lobby and near the Fenton Room)

Viewing of Trade Exhibition: 5.00 – 6.15 p.m.

(Please note that trade exhibition will be open for viewing at all break times on both Thursday and Friday)

Hanson Drinks Reception: 6.15 p.m. (being held in the Belfield Room, near the main exhibition)

Tarmac Conference Dinner: 7.30 p.m.

Bar Opening Times: 5.00 – 7.00 p.m. 9.00 p.m. - midnight

Friday 3 September

Breakfast: 8 a.m. – 9 a.m.

Morning Coffee: 10.45 – 11.15 a.m. (served in the lobby and near the Fenton Room)

Lunch: 12.30 - 1.45 p.m.

Afternoon Tea: 3.15 – 3.45 (served in the lobby and near the Fenton Room)

Conference ends: 5.15 p.m.

Please note no evening dinner is being provided on Friday 3 September, delegates will need to make their own arrangements.

Saturday 4 September

For those booked on the Boulby Mine field trip a breakfast box will be provided. Minibus will depart at 5.30 a.m.

Breakfast: 8 a.m. – 9 a.m.

Swinden and Dry Rig field trip – minibus departs at 9 a.m.

ORAL PRESENTATIONS

Thursday 2 September 2004

JCR - Chairman: Geoffrey Walton

- 9.15 Welcome to Leeds University. Richard Williams FREng. (Dept. of Mining, Minerals & Quarry Engineering)
- 9.30 *Issues and challenges facing the UK Industrial Minerals sector at the beginning of the 21st century.*
David Highley & Andrew Bloodworth (British Geological Survey)
- 10.00 *Ansel Dunham Lecture : From stone to stomach: minerals in food production*
David Manning (University of Newcastle)

11. 00 - 11.30 Coffee (served in Lobby and near the Fenton Room)

JCR - Chairman: Stan Salmon

- 11.30 *Spy in the Sky: Remote sensing in the St. Austell China Clay region. Cornwall*
Richard Ellis & Peter Scott (Camborne School of Mines)
- 12.00 *Digital photogrammetry for 3D mapping of quarries & open pit mines*
Alexander Mikhailov & Richard Oldcorn, (SRK Consulting)

12.30 – 1.45 Lunch

Parallel Sessions

JCR - Chairman: Adrian Charters

Fenton Room - Chairman: Duncan Wardrop

1(a) Geotechnical

1(b) Environmental

1.45	<i>A review of the geological setting and structural geology of Tytherington and its relevance to quarry design.</i> J W Cosgrove (Imperial College) & J H F Sedman (Hanson Aggregates)	<i>Managing the environmental impacts of mineral extraction</i> Steve Hobbs (Enviros Consulting Ltd)
2.15	<i>Maximising sand reserves by careful engineering of Gault Clay slopes</i> Alan Cobb (Geoffrey Walton Practice) & Malcolm Keeble (Hanson Aggregates)	<i>The application of EMS within the extractive industry</i> Andy Singleton (Environmental Simulations International Ltd)
2.45	<i>A GIS based groundwater management tool for long-term aggregates planning</i> Maruo Prado and Richard Connelly (SRK Consulting) & Ken Hobden (Somerset County Council)	<i>The chemical effects of burning tyres in cement kilns</i> Paul Beetham (Lafarge Cement)

3.15 – 3.45 Afternoon Tea (served in Lobby and near the Fenton Room)

Parallel Sessions

JCR - Chairman: John Sedman

Fenton Room - Chairman: Kip Jeffreys

2(a) Communications

2(b) Resource Development

3.45	<i>Can you, or your employer, demonstrate that you are competent?</i> Helen Turner (Health and Safety Executive)	<i>Targeting sand and gravel extraction by 3D resource visualisation</i> A.J. Benham and S.J. Mathers (British Geological Survey)
4.15	<i>Limestone, landscape and local history: helping the public understand the importance of minerals to the past, present and future of the Derbyshire Peak.</i> Andrew Bloodworth and David Harrison (British Geological Survey)	<i>From peat bricks to concrete blocks – An Irish quarrying perspective</i> Adrian Charters (Aggregate Industries formerly Key GeoSolutions) & Andrew Scurfield (Quarryplan)

5.00 – 6.15 Viewing Trade Exhibition

6.15 Hanson Drinks Reception in the Belfield Room

7.30 Tarmac Conference Dinner

ORAL PRESENTATIONS

Friday 3 September 2004

Parallel Sessions

JCR - Chairman: Bill Barrett
3(a) General

Fenton Room – Chairman Gordon Riddler
3(b) FIESTA Workshop

9.15	<i>The provision of construction raw materials in an international perspective; examples from the Netherlands, the UK and other countries.</i> Paul Groot (Economisch Instituut voor de Bouwnijverheid) (EIB)	Led by Kip Jeffrey (University of Leicester) Host limestone control on the location and style of replacement fluorite-baryte deposits of the South Pennine Orefield
9.45	<i>Training aggregates – from pipe dream to reality – a Scottish perspective</i> Graham Smith (Border Geo-Science) & Frank Roach (Highland Rail Partnership)	
10.15	<i>The growth of the Kaolin and GCC market in China for utilisation in paper</i> Ian Wilson (Industrial Minerals Consultant)	

10.45 – 11.15 Coffee (served in Lobby and near the Fenton Room)

Parallel Sessions

JCR – Chairman: Jeremy Elvins
(4a) Theme: Recycling

Fenton Room : Chairman: Peter Scott
(4b) Theme: After-use

11.15	<i>Pelletization and carbonation of quarry waste to produce artificial aggregate</i> Anne Padfield (University of Greenwich)	<i>After-use of quarries – some basic considerations</i> Geoffrey Walton (Geoffrey Walton Practice)
11.45	<i>Recycled and secondary aggregates – the last 10 years</i> Howard Robinson (Tarmac Group)	<i>Some case studies on the redevelopment of disused and abandoned quarries and mineral workings</i> David Atherton (Peter Brett Associates)

12.30 – 1.45 Lunch

MIRO: MIST PROJECTS

JCR – Chairman: Gordon Riddler

1.45 – 3.15	<i>The application of electronic detonators in controlling blast vibrations – a trial study</i> W.J. Birch & S. Hosein (University of Leeds)
	<i>Geophysical evaluation of a sand and gravel deposit: a new, rapid, efficient approach using a multi-sensor platform (MSP).</i> I.A. Hill (University of Leicester)
	<i>Environmental and economic information for future aggregates planning</i> Ellie Steadman & Fiona McEvoy (British Geological Survey)

3.15 – 3.45 Afternoon Tea (served in Belfield Room and Bar Area)

3.45 – 5.15	<i>Improved methods of estimating surface water run-off from quarries</i> Robin Hall & Alan Cobb (Geoffrey Walton Practice)
	<i>Aggregate product quality maps for sand and gravel deposits</i> Kip Jeffrey (University of Leicester)
	MIST, ODPM and ASLF Programmes – by Gordon Riddler (MIRO)

Conference ends 5.15 p.m.