



24th British Cave Research Association

Cave Science Symposium

Saturday 9th March 2013

Environmental Science Centre,
British Geological Survey,
Nicker Hill, Keyworth, Nottingham, NG12 5GG

Third Circular: 16 February 2013

The British Cave Research Association (www.bcra.org.uk) is pleased to give final details for its one-day annual **Cave Science Symposium** to be held at the Environmental Science Centre, British Geological Survey (BGS: www.bgs.ac.uk) on Saturday 9 March 2013. This will be a **joint meeting with the BGS and the East Midlands Geological Society** (www.emgs.org.uk). It will be hosted by **Dr. Andrew Farrant** of the BGS. Cave Science Field Meetings to the Lincolnshire karst and to the sandstone caves of Nottingham are planned for Sunday 10 March, as well as an Open Day at the British Caving Library, as announced separately.

Whether you are an academic, an amateur scientist, geologist or a caver wanting to find out more about the karst environment, you should find something of interest at the Symposium. A provisional programme of presentations is attached. Pre-registration is not required, but, in order to avoid delay to the start, **please arrive before 9.00am**, when registration will commence. The admission charge, to include morning and afternoon refreshments, will be £5, with free entry to speakers, students and members of the sponsor organisations. Donations to help finance the meeting will also be accepted.

All day free onsite car parking will be available via the main entrance. The route to the **Environmental Science Centre** will be sign posted. Attendees should bring their own lunch packs. During the Symposium, visits will also be arranged to the **BGS Archives** and the **3D Visualisation Suite**. For any further information, please contact the lecture secretary, **Dr. Trevor Faulkner**, by **7 March** at: [t.faulkner \[at\] bcra.org.uk](mailto:t.faulkner@bcra.org.uk) or by telephone at: +44 (0)1625 531558. All are welcome, and we look forward to seeing you at the Symposium.

Other useful websites: www.booking.com/Nottingham



BCRA



Programme

9 March 2013

British Cave Research Association
24th Cave Science Symposium
British Geological Survey, Keyworth

REGISTRATION AND COFFEE

09.00–09.30

Sales of publications

Jenny Potts, Tony Waltham

Introductions: Andy Farrant, BGS, Symposium Host

John Gunn, BCRA President

09.30–09.40

Session 1: Caves and karst in Jurassic limestone: Chairman: John Gunn

Andy Farrant

Jurassic karst of the United Kingdom

09.40–10.00

Aidan Foley

The hydrogeology of the Corallian limestone aquifer of northern England, UK

10.00–10.20

Phil Murphy

North and South: cave development on the North York Moors and the Isle of Portland.

10.20–10.40

Charles Self

Gulls, gull-caves and cambering in the southern Cotswold Hills, England

10.40–11.00

Session discussion

11.00–11.10

COFFEE

11.10–11.30

Session 2: Geological and caving archives: Chairman: Trevor Faulkner

Leilani Smith and Andrew Morrison

The BGS archives and National Geoscience Data Centre

11.30–12.50

Jenny Potts

The British Caving Library and Caving Archives

11.50–12.10

David Checkley

Introducing the BCRA and explaining the progress with the digitisation of the Simpson Archive to make it available online.

12.10–12.30

Session discussion

12.30–12.40

LUNCH AND POSTER DISPLAYS**12.40–13.40**

There will be no suitable places to eat on the BGS site, or within easy reach. It is suggested that attendees should bring lunch packs to be consumed at the venue, where tea, coffee and fruit juice will be provided. The afternoon session will start promptly at 1.40pm.

LUNCHTIME VISITS**Leilani Smith and Andrew Morrison**

Tour of the BGS archives. Each tour can accommodate 25 people.

Andy Farrant

The 3D Visualisation suite.

These two visits will also be repeated at the end of the meeting.

POSTERS**Geoff Warrington**

Inside mid Triassic fluvial deposits in Cheshire

Session 3: Cave archaeology and biology: Chairman: Andy Farrant

Tony Waltham**13.40–14.00**

The sandstone caves of Nottingham

Konstantinos Trimmis**14.00–14.20**

Hidden treasures in forgotten archives. Archaeological evidence from the archives and the bulletin of the Hellenic Speleological Society.

Steve Donovan**14.20–14.40**

The fauna of the Red Hills Road Cave, parish of St. Andrew, eastern Jamaica

Graham Proudlove**14.40–15.00**

The Ancient Britons: Freshwater subterranean amphipods are the oldest fauna of Great Britain and Ireland

Session discussion

15.00–15.10**COFFEE****15.10–15.30**

Session 4: British karst studies: Chairman: Tony Waltham

Jonathan Dredge**15.30–15.50**

Seasonal ventilation controls on aerosol transport within the cave environment: A combined aerosol and ventilation monitoring study at Gough's Cave, Cheddar Gorge

Alex Gee**15.50–16.10**

The glaciation of Mendip? The possible influence of Quaternary glaciations on the evolution of the caves and karst landscape of the Mendip Hills.

Peter Standing**16.10–16.30**

The Chronology of Karren Formation on Lowland Limestone Pavements, SE Cumbria

John Gunn**16.30–16.50**

Episodic flow in the speedwell cavern inlet sumps, Castleton, Derbyshire

Session discussion

16.50–17.00

Concluding announcements: Trevor Faulkner, Symposium lecture secretary

17.00–17.10**FINAL COFFEE and FINAL VISITS****17.10–17.30**