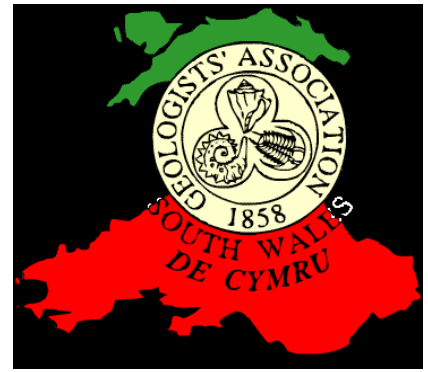




BCRA



22nd British Cave Research Association

Cave Science Symposium

Saturday 5th March 2011

Cardiff University

Third Circular: 16 February 2011

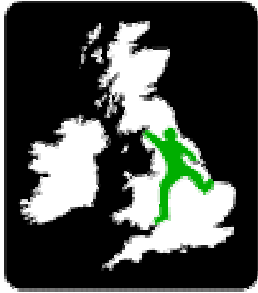
The British Cave Research Association is pleased to give final details of its one-day annual Cave Science Symposium that will be held in the School of Earth and Ocean Sciences in the **Main Building** of Cardiff University [University building no. 39] on Saturday **5 March 2011**. This will be a joint meeting hosted by the **South Wales Geologists' Association**.

Whether you are an academic, an amateur scientist or a caver wanting to find out more about the karst environment, you should find something of interest at the Symposium. A full programme of presentations is attached. Pre-registration is not required, *but registration for the Cave Science Field Meeting on Sunday 6 March to caves in south Wales has now closed*. In order to avoid delay to the start, **please arrive before 9.00am**, when registration will commence. Admission charges, to include morning and afternoon refreshments, will be £6, or £3 for speakers, students and BCRA and SWGA members. Attendees may bring their own lunch packs or briefly visit local pubs and cafes for lunch. At the conclusion of the Symposium, we have been invited to tour Amgueddfa Cymru - National Museum Wales, which is on the same site. For any further information, please contact the lecture secretary, Trevor Faulkner, **by 3 March** at: t.faulkner [at] bcra.org.uk or by telephone at: +44 (0)1625 531558. All are welcome, and we look forward to seeing you at the Symposium.

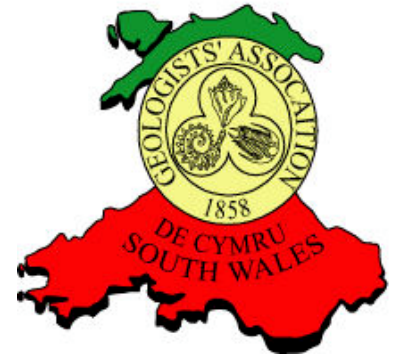
The Main Building is centrally located in Cardiff at Park Place, CF10 3AT. Use **CF10 3BB with a GPS**. Parking may be available via the entrance between impressive gates marked as **University of Wales**. Otherwise, choose one of several local public car parks. For more detailed travel directions, print information from: www.shenstone.me.uk/bcra2011/BCRA-1.pdf

Other useful websites:

www.bcra.org.uk; www.cardiff.ac.uk; www.swga.org.uk; www.museumwales.ac.uk



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Cave Science Symposium

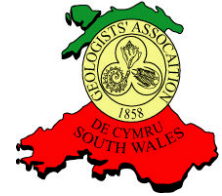
**Jointly sponsored by BCRA
and the
South Wales Geologists' Association**

Saturday 5th March 2011

Cardiff University

Programme (DRAFT)

School of Earth and Ocean Sciences
Main Building
Cardiff University
Park Place
Cardiff
CF10 3AT



Programme

**British Cave Research Association
22nd Cave Science Symposium
Cardiff University, 5 March 2011**

REGISTRATION AND COFFEE **09.00-09.30**

Sales of BCRA, SWGA and BGS publications

Introductions: *Dave Checkley, BCRA Chairman* **09.30-09.40**
Malcolm Shaw, SWGA President
Andy Kendall, Symposium Host

Cave geology: Chairman: Malcolm Shaw

Rhian Kendall and Andy Kendall **09.40-10.00**

An Introduction to the Geology and Caves of South Wales and a Report on the Designations of Cave Sites as Regionally Important Geological Sites (RIGS) Within the South Wales RIGS Project.

Noel Christopher, R Charity, P L Smart, J N Andrews and John Gunn **10.00-10.20**
The Geology of Ogof Ffynnon Ddu

Michael Simms and Andrew Farrant **10.20-10.40**
Inferring the extent of scarp retreat and valley incision during the development of the Ogof Draenen cave system, south Wales.

Andrew Chamberlain **10.40-11.00**
Investigation of Cave Inception Horizons at Creswell Crags, Derbyshire, England.

COFFEE **11.00-11.20**

Cave archaeology (1): Chairman: Andrew Chamberlain

Elizabeth Walker **11.20-11.40**
Pontnewydd Cave – an early Neanderthal site in North Wales

Andrew Chamberlain (for Rick Schulting) **11.40-12.00**
Cave burial in the Mesolithic and Neolithic of Wales

Rob Dinnis **12.00-12.20**
Recent research on the archaeological material from Goat's Hole, Paviland, Gower

BCRA news: Dave Checkley, BCRA Chairman **12.20-12.30**

LUNCH AND POSTER DISPLAYS **12.30-13.40**

Attendees may wish to visit local cafes and pubs for lunch. Lunch packs can also be consumed on the premises, where tea, coffee and fruit juice will be provided. The afternoon session will start promptly at 1.40pm.

| | |
|--|---------------------------|
| Jonathan Dredge and Ian Fairchild <i>Aerosol contributions to speleothem chemistry</i> | POSTER |
| Gareth Farr <i>The hydrogeology and hydrochemistry of Taff's Well thermal spring</i> | POSTER |
| Lee Knight, Tim Johns and Lou Maurice <i>The aquatic fauna of caves and other groundwater habitats: ecology, distribution and current research</i> | POSTER and DISPLAY |
| Natalie Ludgate Thomas Griffiths and Alison Blyth <i>The Trang An Project: Caves, Ecology and Humans</i> | POSTER |
| Agni Prijatelj <i>Ways of living with caves: an ethnographic example from the Kras region of Slovenia</i> | POSTER |

Cave archaeology (2), cave biology and karst: Chairman: Elizabeth Walker

| | |
|---|---------------------|
| Rob Dinnis, Jesse Davies and Andrew Chamberlain <i>The archaeological potential of the caves of Bishopston Valley, Gower</i> | 13.40–14.00 |
| Annita Antoniadou and Chris Hunt <i>Sea caves with sequences relating to Oxygen Isotope Stage 5 on the Cyrenaican coast, NE Libya</i> | 14.00–14.20 |
| Julian Carter <i>The status of the cave dwelling linyphid spider <i>Porrhomma rosenhaueri</i> in Wales.</i> | 14.20–14.40 |
| Peter Standing <i>The Emplacement of Erratics in Grikes; a study of the limestone pavements of the Arnside and Silverdale AONB</i> | 14.40–15.00 |
| | COFFEE |
| | 15.00–15.20 |
| Speleothem studies: Chairman: Andy Kendall | |
| Alexander Baker and James Baldini <i>Modelling the growth rate and oxygen isotope composition of stalagmite calcite</i> | 15.20–15.40 |
| Stefan Doerr <i>'Speleothem' deposits on open cliff faces: their occurrence and potential for palaeoenvironmental reconstruction</i> | 15.40–16.00 |
| Jonathan Dredge, Dave Matthey and Ian Fairchild <i>Flowstone genesis and record interpretation complications: a 500ka flowstone record from Gibraltar</i> | 16.00–16.20 |
| Anton Vaks, Oxana Gutareva, Sebastian Breitenbach, Erdenedalai Avirmed, Alexander Osinzev, Gideon Henderson <i>Siberian and Mongolian palaeoclimate: new data from speleothem records</i> | 16.20–16.40 |
| Concluding discussions: Trevor Faulkner, Symposium lecture secretary | 16.40–16.50 |
| Close: | 16.50–17.00 |
| | FINAL COFFEE |
| | 17.00–17.30 |
| Tour of Amgueddfa Cymru - National Museum Wales <i>The Museum premises are within 5 minutes of the School of Earth and Ocean Sciences. We are invited to visit them, hosted by Tom Sharpe (Geology), Elizabeth Walker (Archaeology) and Julian Carter (Biology). We must leave the museum premises by 7pm. Attendees may wish to make their own arrangements to visit local cafes and pubs in small groups for an evening meal.</i> | 17.30–19.00 |