



BCRA

25th British Cave Research Association  
**Cave Science Symposium**

Jointly sponsored by BCRA and GEES

**Saturday 25th October 2014**

**School of Geography, Earth and Environmental Sciences,  
University of Birmingham**

**Third Circular: 22 September 2014**

The British Cave Research Association is pleased to give final details for its one-day annual **Cave Science Symposium**, to be held on Saturday 25 October 2014. The venue will be Room NG08, The Undercroft, School of Geography, Earth and Environmental Sciences (GEES), University of Birmingham, Edgbaston, Birmingham, B15 2TT. This will be a joint meeting with GEES, to be hosted by **Professor Ian Fairchild**. A Karst Science Field Meeting to Dudley Limestone Mines, Wren's Nest NNR and the Dudley Museum is planned for Sunday 26 October, 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.

Please print out the Campus Map in advance. If arriving by car, enter the Campus via the North Gate on Pritchatts Road, park in the North Car Park (parking is free at weekends) and walk to R26/R27 on the map, where the event will be sign posted. If arriving by train, alight at University Station and walk downhill to R26/R27. Attendees may bring their own lunch packs, or buy food at R23 onsite. The BCRA AGM will be held from 12.00 until 1.00pm. For any further information, please contact the lecture secretary, **Dr. Trevor Faulkner**, by **23 October** 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.

Websites:

[www.bcra.org.uk](http://www.bcra.org.uk)

[www.birmingham.ac.uk](http://www.birmingham.ac.uk)

[www.birmingham.ac.uk/schools/gees](http://www.birmingham.ac.uk/schools/gees)

[www.birmingham.ac.uk/Documents/university/edgbaston-campus-map.pdf](http://www.birmingham.ac.uk/Documents/university/edgbaston-campus-map.pdf)

[www.booking.com/Birmingham](http://www.booking.com/Birmingham) [For accommodation]



**BCRA**

***DRAFT Programme***

**25 October 2014**

**British Cave Research Association  
25th Cave Science Symposium  
School of Geography, Earth and  
Environmental Sciences,  
University of Birmingham**

**REGISTRATION AND COFFEE 09.00–09.30**

*Sales of publications:*

*Introductions: Professor Ian Fairchild, GEES, Symposium Host 09.30–09.40*

*Session 1: Speleothem studies 1: Chairman: Ian Fairchild*

**Christopher Smith 09.40–10.00**

*Multiple U-Th-Pb techniques applied to speleothems: climate and landscape evolution applications*

**Gina Moseley 10.00–10.20**

*Multi-speleothem records reveal tightly coupled climate between Central Europe and Greenland during MIS 3.*

**Andrew Smith 10.20–10.40**

*Millennial scale control of European climate by the North Atlantic Oscillation from 12,500 BP: The Asiul speleothem record*

*Session discussion 10.40–10.50*

**COFFEE 10.50–11.10**

*Session 2: Cave archaeology: Chairman: John Gunn*

**Alice Samson 11.10–11.30**

*Cave archaeology in Isla de Mona, Puerto Rico*

**Stephen Donovan 11.30–11.50**

*Birds of a feather buried together: the Late Pleistocene avifauna of the Red Hills Road Cave, Jamaica*

**INTERMISSION 11.50–12.00**

**BCRA ANNUAL GENERAL MEETING 12.00–13.00**

*Chairman: David Checkley, Chairman, BCRA*

All BCRA members present are requested to attend the AGM, with their membership cards available. Non-members are also welcome to attend, as observers.

**LUNCH AND POSTER DISPLAYS****13.00–14.00**

*Attendees may buy food items at the Campus shop in the nearby University Centre, or can 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 2.00pm.*

**POSTERS AND DISPLAYS**

<b>Laura Deeprise</b> <i>The influence of macroporosity on trace element chemistry in speleothems</i>	<b>13.00–13.03</b>
<b>Peter Wynn</b> <i>Quaternary Climatic Instability in South-East Australia from a Multi-Proxy Speleothem Record</i>	<b>13.03–13.06</b>
<b>Ian Fairchild</b> <i>Testing the contribution of aerosol deposition to pigmented flowstones, Yarrangobilly Caves, NSW, Australia</i>	<b>13.06–13.09</b>
<b>Clément Bourdin</b> <i>Soil Carbon Export characterized using Novel Tracers (SCENT): a programme of research linking soil behaviour and speleothem archives</i>	<b>13.09–13.12</b>
<b>John Smith</b> <i>The lost limestone mines of Dudley</i>	<b>13.12–13.15</b>
<b>Stephen Donovan</b> <i>Birds of a feather buried together: the Late Pleistocene avifauna of the Red Hills Road Cave, Jamaica</i>	
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<i>Session 3: Speleothem studies 2 and cave biology: Chairman: Gina Moseley</i>	
<b>Kate Newton</b> <i>Rates of calcite precipitation from the hyperalkaline waters of Poole's Cavern, Derbyshire</i>	<b>14.00–14.20</b>
<b>Lorraine Field</b> <i>Hyperalkaline speleothem from Derbyshire: new observations on morphology and growth crystallisation</i>	<b>14.20–14.40</b>
<b>Tom Thomson</b> <i>Speleobiology in the Cantabrian Mountain karst massif of northern Spain</i>	<b>14.40–15.00</b>
<i>Session discussion</i>	<b>15.00–15.10</b>
	<b>COFFEE 15.10–15.30</b>
<i>Session 4: Karst studies: Chairman: Peter Wynn</i>	
<b>Andy Farrant</b> <i>A 'hole' lot of trouble</i>	<b>15.30–15.50</b>
<b>David Checkley and Trevor Faulkner</b> <i>Measurement of scallops in a 10m-high vadose canyon in Pool Sink, Yorkshire</i>	<b>15.50–16.10</b>
<b>John Gunn</b> <i>Speleothem and sediment from Water Icicle Close Cavern, Derbyshire</i>	<b>16.10–16.30</b>
<b>John Smith</b> <i>The lost limestone mines of Dudley</i>	<b>16.30–16.50</b>
<i>Session discussion</i>	<b>16.50–17.00</b>
<i>Concluding announcements: Trevor Faulkner, Symposium lecture secretary</i>	<b>17.00–17.10</b>
	<b>FINAL COFFEE 17.10–17.30</b>