

Cave Science Symposium, 2016



27th British Cave Research Association Cave Science Symposium



Symposium - Saturday 22nd October, 2016
Department of Earth Sciences, University of Oxford

Field-trip - Sunday 23rd October, 2016
Box Mines, Wiltshire

THIRD CIRCULAR

The British Cave Research Association is pleased to give the final details of its one-day annual Cave Science Symposium to be held on Saturday 22nd October, 2016 in Oxford, UK. 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 provisional programme of presentations is attached and the BCRA AGM will be held from 12.00 until 1.00pm. For any further information, please contact the lecture secretary, Dr. Gina Moseley by 19th October at: [gina.moseley\[at\]uibk.ac.at](mailto:gina.moseley[at]uibk.ac.at)

CAVE SCIENCE SYMPOSIUM, 22nd OCTOBER, 2016

Registration

Registration will take place on the day between 9.00 and 9.30 am in the Earth Science Department building main atrium. The main rotating glass door to the building faces South Parks Road and is clearly marked with signs.

The admission charge, to include morning and afternoon refreshments, will be £5, with free entry to speakers, students and BCRA members. Donations to help finance the meeting will also be accepted.

Lab Tour

There will be the possibility to join a short tour of the geochemistry laboratories after the close of the main symposium on 22nd October, 2016. Please email Gina Moseley by 8th October, 2016, if you would like to join the tour.

Venue & Transport

The venue is located in the University Science Area on South Parks Road, around the corner from the Oxford University Museum of Natural History. The address is Department of Earth Sciences, South Parks Road, Oxford, OX1 3AN, UK. (<https://www.earth.ox.ac.uk/>)

The event is being hosted by Prof. Gideon Henderson and Dr. Stacy Carolin.

View on Google Maps <http://tinyurl.com/hcrx8yk>

Oxford is easily accessible by road and rail and is just over an hour's travel from London's Heathrow Airport. Parking is hard to find in Oxford so it would be wise to use the Park and Ride services (<https://www.oxfordshire.gov.uk/cms/public-site/park-and-ride>). Visitor parking at the department is for people with disabilities only and is by prior arrangement.

Lunch

There are many options for places to eat in the vicinity of the Department of Earth Sciences.

Possible lunch options include:

- Café in the Natural History Museum
- Jimbob's at the Pavilion in University Parks
- King's Arms pub down Parks Road
- Several international street food stands at Gloucester Green market

Evening Meal – Saturday 22nd October, 2016

Following the symposium, we will head for an informal evening pub meal at The Royal Oak (<https://www.theroyaloakoxford.co.uk/>), half a mile from the symposium venue. It's a favourite of the Oxford-based Earth Scientists! The Symposium is tentatively scheduled to finish at 5.20pm, followed by a short lab tour at 5.30pm, and the meal at 6.30pm. If you are interested in attending the meal please email Gina Moseley (gina.moseley@uibk.ac.at) by October 8th and she will send you the menu as soon as it becomes available. Examples of the food that the Royal Oak serves and their prices are available on their website, though note that this is the summer menu and will change by the date of the meal.

Accommodation

There are a number of Hotels and Guest Houses within easy walking distance of the Department. Please see the Oxford City website for more details.
(http://www.oxfordcity.co.uk/oxford/home_accommodation.html)

Alternative accommodation may be found at Booking.com or Airbnb.com

Field-Trip to Box Mines, Wiltshire

In memory of Charlie Self

Sunday 23rd October, 2016.

The field trip to Box Mines is now full. Please direct any questions related to the field trip to Dr. Trevor Faulkner (t.faulkner[-at-]bcra.org.uk).

Important Dates

8 th October, 2016	Register for the short geochemistry laboratory tour
8 th October, 2016	Register for the evening meal
19 th October, 2016	Contact Gina Moseley with enquiries relating to the symposium
22 nd October, 2016	27 th BCRA Cave Science Symposium, Oxford
23 rd October, 2016	Field-trip to Box Mines, Wiltshire
21 st October, 2017	28 th BCRA Cave Science Symposium, Leeds
13 th October, 2018	29 th BCRA Cave Science Symposium, Bristol

Symposium Organisers

Please contact Stacy Carolin (stacy.carolin[at]earth.ox.ac.uk) for details of the venue and local facilities in Oxford. Contact Gina Moseley (gina.moseley[at]uibk.ac.at) for details of the programme and for enquiries concerning oral or poster presentations. Contact Trevor Faulkner for details of the field trip (t.faulkner[-at-]bcra.org.uk).

Provisional Timetable 22nd October, 2016

0900 Doors open, registration, book stall, coffee

0930 Welcome and housekeeping

Host

Session 1. Archaeology & Palaeontology

Chair: TBC

0940 Mammal faunas of Britain 45-20 ka BP: a new look

Rob Dinnis

1000 Why are millipedes better preserved than vertebrates in the Red Hills Road Cave, Jamaica?

Steve Donovan

1020 The Dark Side Neolithic. Balkan Cave Archaeology 2016 season and the excavations in Mala Pecina, cave.

Konstantinos Trimmis

1040 Coffee

Session 2. Analytical methods

Chair: TBC

1105 Advances in U-Pb speleothem chronology using laser ablation MC-ICPMS techniques: applications in quantifying long-term rates of landscape change

Chris Smith
Chris Day

1125 TBC

1145 Open discussion of morning presentations

1155 Pause

1200 BCRA AGM

1300 Lunch

Session 3. Hydrogeology & Speleogenesis

Chair: TBC

1400 Malham Spring tracer test

John Gunn

1420 Weakly cavernous carbonate aquifers: karst and groundwater protection

Lou Maurice
Trevor Faulkner
Andy Farrant

1440 Why we should thank a meteorite for the caves at Assynt?

1500 Gull Caves: implications for landscape evolution

1520 Coffee

Session 4. Speleothem Records

Chair: TBC

1545 Interpolation of climate of the Northern Hemisphere in the Eemian interglacial based on data extracted from speleothems

Jakub Bernadic

1605 Semi-arid Iranian stalagmite captures shift in climate during the penultimate glacial-interglacial transition

Stacy Carolin
Dan Awcock

1625 The UK speleothem archive

1645 Open discussion on afternoon presentations

1700 Summing up and work carried forward

TBC

1710 Details for Sunday visit to Box Mines

Trevor Faulkner

1720 Close

1730 Short lab tour

1830 Evening meal at The Royal Oak

All are welcome, and we look forward to seeing you at the Symposium.

