



**Circular 430  
March 2018**

**Registered Charity No: 503617**

**President: Mike Allen**

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

## **SPRING 2018 LECTURE PROGRAMME**

**Saturday, 14<sup>th</sup> April 2018 – 6.00 pm**  
**Paul Olver - A day in AD79**

### **LECTURE VENUE**

Indoor meetings are now held in the School of Geography on the Nottingham University campus which is in the Sir Clive Granger Building. Enter the University by the North Entrance, off the A52, and follow signs to the main Visitor Car Park. As you enter the car park, the Sir Clive Granger building is on your left.

The Society is indebted to the School of Geography at the University, who are sponsoring our lectures, for the use of these facilities.

**Saturday, 24<sup>th</sup> March 2018 – 2.00 pm – 5.00 pm**  
**Joint Yorkshire Geological Society/East Midlands Geological Society**  
**The Deep Geological Foundations of Northern England**

***PLEASE NOTE: this meeting will take place at British Geological Survey, Keyworth, Nottingham NG12 5GG*** <http://www.bgs.ac.uk/contacts/sites/keyworth/home.html>

**2.00pm – 2.10pm**

YGS Business

**2.10pm – 2.45pm**

The Môn-Deemster-Ribblesdale fold-thrust belt and its Caledonian crustal substrate: a case study in crustal accretion followed by extensional and compressional reactivation;

*Tim Pharoah* (Principal Scientific Officer, British Geological Survey (BGS), Keyworth).

**2.45pm – 3.15pm**

A new U/Pb zircon age for the Wensleydale Granite;

*Chris Thomas* (Honorary Research Associate, BGS Lyell Centre, Edinburgh)

**3.15pm 3.50pm**

Refreshments break

**3.50pm – 4.25pm**

Age of the Acadian deformation and Devonian granites in Northern England  
*Nigel Woodcock* (Emeritus Reader in Geophysics, Geodynamics and Tectonics, University of Cambridge)

**4.25pm 4.55pm**

Insights into basement structure beneath Northern England from regional geophysical surveys.  
*Geoff Kimbell* (Honorary Research Associate, BGS, Keyworth)

**4.55pm – 5.00pm**

Vote of thanks and close.

**Saturday, 14<sup>th</sup> April 2018 – 6.00 pm**

**Speaker: Paul Olver**

**A day in AD79**

Human history is shaped by spectacular volcanic eruptions such as the momentous events of AD79 when the Roman towns of Pompeii, Oplontis and Herculaneum were destroyed and completely buried by multiple pyroclastic flows. These events will provide us with clues as to how modern plate tectonics can explain continuing seismicity and volcanism in the Bay of Naples.

**TREVOR FORD MEMORIAL WEEKEND**  
**SATURDAY 2<sup>nd</sup>/SUNDAY 3<sup>rd</sup> JUNE 2018**

Many members will remember Trevor who sadly died last year. He was an integral part of the geological scene in the East Midlands and beyond for many years. He was of course a past President of this Society but was also intimately involved in many other geological societies in the region and the author of a wealth of books and articles. To celebrate Trevor's life and work a weekend meeting is to be held at **The Dome in Buxton over the weekend of June 2<sup>nd</sup> and 3<sup>rd</sup>**. There will be a programme of talks between 10.15 am and 5.00 pm on the Saturday with a break for lunch (doors open at 9.30 am for registration), and on the Sunday it is intended that there will be a programme of field meetings.

Registration for both days will be essential, and once all details have been finalised further information will be sent out, but if you are interested in attending, it would be helpful if you could please pre-register that interest by informing our secretary at [secretary@emgs.org](mailto:secretary@emgs.org)

**SUMMER 2018**  
**FIELD PROGRAMME**

**Sunday 20<sup>th</sup> May 2018 – 10.15 am**

**Leader: Ian Clarke**

**Irchester Country Park and Twywell Hills and Dales**

**Meeting place: Irchester Country Park lower car park NN29 7DL** (Charges will apply).  
**Meet outside café.**

Country Park built around an abandoned Jurassic iron ore opencast site at Gypsy Lane, Little Irchester, Wellingborough NN29 7DL and has a newly opened (June 2017) ironstone heritage trail. There is also a narrow gauge railway museum (open on Sundays).

Visit this exposure of the mid-Jurassic Northampton Sand ironstone and go on to the Twywell Hills and Dales to see the remains of the 'hill and dale' method of ironstone working and exposures of boxstone structures preserved in the gullet (near Cranford off the A14 at NN14 4AW). Access will be on well marked paths in the Country Park and wooded trails at Twyford (*can be slippery and muddy if wet*).

**Saturday 16<sup>th</sup> June 2018 – 2.00 pm**

**Leader: Paul Chandler of the PDMHS**

**Holmebank Chert Mine, Bakewell**

**Meeting place: Holme Lane, Bakewell DE45 1GF**

Extensive underground trip walking in through the adit entrance. Dry, with no crawling or ladders. Interesting flooded levels and mining artefacts. Party size around 12, plus leader. Detailed parking information will be given to participants.

**EQUIPMENT:** Old clothes or Boiler suit. Helmet and torches. Some helmets can be supplied (otherwise £4 or so from The Range).

**Saturday/Sunday 14<sup>th</sup>/15<sup>th</sup> July 2018 – 10.30 am**

**Leader: Paul Olver**

**Malvern Precambrian inlier – Late Precambrian to Permian sediments and intrusions**

**Meeting place: TBA**

On this weekend trip we will visit a number of sites within the Malvern and Abberley Hills Geopark led by Paul Olver who has been one of the leading organisers of the Geopark. <http://geopark.org.uk/pub/>

**Saturday 8<sup>th</sup> September 2018 – 10.00 am**

**Leader: Ian Stimpson of Keele University**

**Churnet Valley, Staffordshire**

**Meeting place: Froghall Wharf, Foxt Road, Cheadle, Staffordshire ST10 2HJ  
SK 0268 4765**

This is an 8 km walk over a variety of Carboniferous Gritstones and Coal Measures rocks in a scenic post-industrial valley among the remains of coal and ironstone mining, copper smelting and lime burning. The geomorphology of the region will be discussed with particular reference to both the underlying geology and events at the end of the last ice age. The walk will be on paths, some of which will have steep sections and may be muddy.

**It is also hoped to organise field visits to Castleton and to a gypsum mine. Details will be included in the next Circular if these plans are successful.**

### **Insurance and Safety**

Members are reminded that the Society has only public liability insurance and that personal accident insurance is a matter for individual members to arrange as they consider necessary. Up to date hard hats are obligatory for all field excursions involving quarries or cliff faces and strongly recommended for all trips. High visibility clothing is sometimes required in working quarries. High

visibility tabards can be obtained from GA Enterprises, 126 Fleetside, W. Molesey, Surrey KT8 2NQ at £4.70 incl. pp. Members without suitable hard hats may be refused access to certain sites! Hard hats can be obtained from many Builders' Merchants, Wickes, B&Q Warehouse etc. for about £4.

Any non-members attending field excursions will have to pay a temporary membership fee of £2.00 and all participants are reminded that they must comply with any instructions from excursion leaders or, for example, quarry managers or their employees on Health & Safety issues.

### **EMGS Council**

At the AGM on the 10<sup>th</sup> March 2018 the following members were elected to serve on Council for the coming year:

President - Mike Allen  
Vice-President - Vanessa Banks  
Secretary - Janet Slatter  
Treasurer - Colin Bagshaw  
Editor - Tony Waltham

Ordinary members of Council: Peter Beastall, Albert Benghiat, Bob Brown, Tim Colman, Mike Crow, Richard Hamblin, Peter Jones, Sue Miles, Paul Nathanail and Ian Sutton.

### **SUBSCRIPTIONS**

**A reminder that these were due on 2<sup>nd</sup> February.**

Subscription rates remain unchanged and are as follows:

Individual - £18.00  
Joint - £22.00  
Full time student - £5.00

If you currently pay by standing order, no money is outstanding. If you don't, please consider doing so as our bank now charge a fee of 50p for each cheque processed. If you require a standing order form please contact the Treasurer. You could also pay by BACS (which incurs no charge). Our bank details are as follows:

East Midlands Geological Society  
The Cooperative Bank  
Sort Code: 08-90-74  
Account No: 50050217

### **New Members**

Helen Jones, Kirby Muxloe  
Keith Ramsden, Radcliffe on Trent  
Stephany Ocampo Jimenez, Belper

### **DATA PROTECTION**

Those of you who receive your Circular by post will not have yet received the Private Policy Notice and Confirmation of Details form which was mentioned in the last Circular. These are now enclosed and it would be appreciated if you could please return your completed forms to the

Secretary, Janet Slatter, as soon as possible. Janet's mailing and email addresses are listed in this Circular, or you can return them to her at our next Indoor Meeting.

### **Transport Help Needed**

We have several long standing members of the Society who can no longer attend meetings due to transport difficulties. If anyone would be prepared to offer help with this, please could they let the Secretary have their details.

### **Society Publications**

- (1) **East Midlands Field Guide;**
- (2) **Sandstone Caves of Nottingham (*now in its 4<sup>th</sup> Edition*)**
- (3) **Leicester Building Stones Guide**

Copies available by contacting the Secretary or at Indoor Meetings.

### **Mercian Geologist – Back numbers**

Do you need any back numbers of the Mercian to fill a gap in your collection?

The scanning of every single issue of the Mercian Geologist that the Society has published is now complete. As soon as they are all accessible through the Society's website the stocks of back numbers that the Secretary currently holds will be disposed of although a complete set of hard copies will of course be kept for archive purposes. So please contact the Secretary Janet Slatter at [secretary@emgs.org.uk](mailto:secretary@emgs.org.uk) or on 01509 843297 if you have any gaps that you want to fill

### **Information for Other Societies**

We hold information of lectures and field meetings for other local societies such as the NSSGA, Black Country Geological Society and Leicester Lit & Phil Society. If you would like details of any of these, please contact the Secretary.

### **EMGS Website**

The publications page on the Society website ([www.emgs.org.uk](http://www.emgs.org.uk)) has been tidied up and updated. It now includes links to two archives:

One is the archive of the early Mercian Geologists where the huge task of diligently scanning and preparing copies of all the back issues has now been completed thanks to the hard work of David Bate. These will soon, if they are not already, all be accessible through the Society's website.

The other is the archive of papers and reports in the more recent issues. These will go into the webpage one year after they appear in the paper issues of the Mercian. All papers 2000 to 2014 are already in the online free archive.

### **Costs of the Circular**

To minimise postal costs and photocopying charges which amount to approximately £4.00 each year for every member who still receives their Circular by post, we would very much like to send you your Circular by e-mail. If you have not already done so, please send your e-mail address to the Circular Editor, [sue.miles@freeths.co.uk](mailto:sue.miles@freeths.co.uk)

**Please can you also confirm your name and address when sending your e-mail** so we can correlate these details with our membership listing.

**The next Circular will be published in May 2018.**

**The next Council Meeting will be held on 10<sup>th</sup> May 2018.**

**Secretary:** Mrs Janet Slatter, 100 Main Street, Long Whatton, Loughborough, Leicestershire LE12 5DG e-mail: [janet.slatter@btinternet.com](mailto:janet.slatter@btinternet.com) . tel. no. 01509 843297.

**Treasurer:** Mr Colin Bagshaw, 150 Scalpcliffe Road, Burton-on-Trent, Staffordshire DE15 9AD, e-mail: [Colin.bagshaw@yahoo.co.uk](mailto:Colin.bagshaw@yahoo.co.uk) tel. no. 01283 564520

**EAST MIDLANDS GEOLOGICAL SOCIETY**  
**BOOKING FORM – FIELD EXCURSIONS 2018**

Please book me/us for the following excursions:

Sunday, 20 <sup>th</sup> May	Day visit – Northamptonshire Ironstone.
Saturday, 16 <sup>th</sup> June	Afternoon visit – Holme Bank chert mine.
Weekend 14 <sup>th</sup> /15 <sup>th</sup> July	Weekend visit – Malverns
Sunday, 8 <sup>th</sup> September	Day visit – Churnet Valley, Staffordshire

*(Please delete those you will NOT be attending)*

Name(s): .....

Address: .....

.....

Tel: .....

e-mail address: .....

I/we do/do not have a car available.

I/we would be prepared to offer transport.

Please send completed booking forms to the Field Secretary:

Tim Colman, at 1 Rose Hill, Keyworth, Nottingham NG12 5GR

Tel. no: 0115 937 4734 e-mail: [timcolman@tiscali.co.uk](mailto:timcolman@tiscali.co.uk)

***Mobile (only for use on field trip days if delayed) 07729 955658***