



YORKSHIRE GEOLOGICAL SOCIETY

YORKSHIRE GEOLOGY DAY

Saturday 21st April 2018

10:00am – 5:00pm

National Coal Mining Museum for England, Caphouse Colliery,
New Road, Overton, Wakefield, WF4 4RH



Caphouse Colliery chimney and colliery wheel. ©Rick Saville

SUMMARY OF PROGRAMME

A full day out aimed at engaging the general public, particularly youngsters and amateurs enthusiasts, with a variety of geological experiences organised by the Yorkshire Geological Society, in association with other local societies and groups, held at the National Coal Mining Museum for England, Caphouse Colliery, Wakefield.

Throughout the day there will be opportunities to visit the main displays and temporary exhibitions of the National Coal Mining Museum for England, including the Hope Pit surface buildings, pit ponies and much more.

Programme of events:

- 10:00am – 1:30pm:** Yorkshire Geology Day displays and experimental learning activities in the Education wing of the museum, including:
- Book signing by Colin Speakman, author of *“Adam Sedgwick: Geologist and Dalesman”* – bring along your copy or purchase one of the day to have it signed!
 - Experimental learning activities, including making your own fossils!
 - Specimen identification desk – bring your own specimens or whatever you find on the day
 - “Geology under the microscope” by Leeds Geological Association
 - Hands-on activities by Huddersfield Geology Group
 - Sales of field guides and books
 - Rock cutting and polishing – bring along any of your own samples or whatever you find on the day!

- 10:45am & 11:15am:** Free underground tours of Caphouse Colliery, led by a member of the museum staff.

The 10:45am visit will also be accompanied by a geologist.

Group size will be restricted to a **maximum of 15 people**. Places must be booked **on the day** at the museum reception.

- 12:00pm:** Accompanied walk (approx. 45 minutes) from the museum exhibition (cafeteria doors) to the Hope Mine rock exposure to see a coal seam and marine band, and learn more about the geological features of the area.

Refreshments and Lunches:

The museum’s cafeteria will be open throughout the day, offering a selection of drinks, snacks and hot or cold meals.

There may also be special geology-themed snacks on offer, so look out for “ammonite biscuits” and more!

The museum also has a picnic area for anyone wishing to bring a packed lunch.



**YORKSHIRE
GEOLOGICAL
SOCIETY**

Indoor Meeting
'QUAKES AND SHAKES'

Illustrated talks on the study of earth movements and their effects

Saturday 21st April 2018, 2.00pm – 5.00pm

National Coal Mining Museum for England

Caphouse Colliery, New Road, Overton, Wakefield, WF4 4RH

<https://www.ncm.org.uk/>

PROGRAMME

2.00pm - 2.10pm

YGS Society Business

2.10pm - 2.40pm

Seismicity associated with mining and unconventional energy exploration in the UK

Prof Peter Styles (Emeritus Professor in Applied and Environmental Geophysics, Keele University)

2.40pm - 3.10pm (followed by discussion)

Historical earthquakes in the UK

Dr Roger Musson (Honorary Research Associate, British Geological Survey/University of Edinburgh)

3.15pm - 3.45pm

Refreshments break and book sales

3.45 pm - 4.15pm

John Milne - the man who mapped the shaking earth

Paul Kabrna (Author and retired teacher)

4.15pm - 4.45pm (followed by discussion)

Hunting for traces of ancient earthquakes: what can the geological record tell us about ancient seismicity?

Dr Lucy Campbell (Post-Doctoral Research Fellow in Structural Geology and Rock Deformation, Plymouth University)

4.50pm -5.00pm

Vote of thanks and close
