37th Annual Winter Meeting
MINERAL DEPOSITS STUDY GROUP

OXFORD
6-7 January 2014

Planned sessions include:
Critical metal supply – a global perspective
Exploration in difficult times
The minerals industry – environmental and socio-economic challenges
Ore deposit research in progress
Metallogeny of new jurisdictions

ABSTRACT DEADLINE – FRIDAY 29TH NOVEMBER 2013

Field trip highlighting the geology of Oxfordshire – Sunday 5th January
Ice-breaker to be held in the evening of Sunday 5th January
Student financial support available

Hosted by the Department of Earth Sciences, University of Oxford

and

Keble College
We wish to thank the following sponsors who, despite the tough times, have generously supported MDSG ’14. We are looking for additional sponsorship – please contact Kevin Leahy (details below)

To sponsor MDSG 2014 contact

Dr Kevin Leahy
kevin.leahy@erm.com
WE INVITE CONTRIBUTIONS ON ANY TOPIC RELATED TO THE STUDY OF MINERAL DEPOSITS

In keeping with MDSG's past meetings, we are planning a number of themed sessions that are topical, and reflect the blend of academic and industrial participation that characterizes our specialist group. The following sessions may be complemented by others, as determined by the range of papers received:

1. **Critical metal supply – a global perspective**
   Critical metals, such as the REE, PGE, W, Ta-Nb, Li, Be, In, Ga, Ge amongst others, remain the focus of considerable interest to the mineral resources industry, government and the academic community. We anticipate a major session, or sessions, dealing with diverse issues such as resources, metallogeny, mineralogy, and extractability of critical metals.
   Key note speakers: Frances Wall (Camborne); Judith Kinnaird (Wits)

2. **Exploration in difficult times**
   Some have described the current down-turn as the toughest ever – mining and exploration companies have had to resort to innovative ways of dealing with the exigencies of the time. This session will highlight new methods and techniques.

3. **The minerals industry – environmental and socio-economic challenges**
   The mining industry world-wide is beset with problems related to environmental and socio-economic issues – this session will showcase the wide-ranging issues that mining professionals need to deal with in the 21st Century.
   Key note speaker: Mike Harris (Rio Tinto)

4. **Metallogeny of new jurisdictions**
   Remote regions and newly democratized countries offer a range of new opportunities for exploration and project development – this session will highlight case studies from countries/regions in SE Asia, East and Central Africa, etc.
   Key note speaker: Andrew Mitchell (Consultant)

5. **Ore deposit research in progress**
   Despite the downturn, research and teaching of economic geology in the UK and Europe is flourishing – this session will highlight presentations from people in academia and in industry who are carrying out research in any field of economic geology. The session may be subdivided thematically, and may also offer opportunities for more focused break-out sessions.
KEBLE COLLEGE

MDSG 2014 will be held in Keble College, University of Oxford. Founded in 1870, Keble is one of Oxford’s largest colleges and has, in its grounds, a modern conference facility with a 250-seat auditorium. In addition to this facility Keble offers a collegial atmosphere that will provide excellent opportunities for all delegates to network and socialize:

- The conference dinner will be held in the Keble Hall – Monday Jan 6th
- Keble are holding a total of 158 rooms on a B&B basis for delegates
- Several break-out rooms will be available during the sessions and afterwards
- Lunches and teas will all be provided on site

Rooms at Keble vary – all are on a bed & breakfast basis:

- 58 Standard single rooms
  (2 bedrooms sharing a bathroom), £45 plus vat per night
- 75 single ensuite rooms - £54 plus vat per night
- 25 double/ twin rooms - £85 plus vat per night

Delegates are asked to contact Keble College directly to make a reservation:
http://www.keble.ox.ac.uk/conferences/conference-accommodation
using the code MDSG14

Keble College
Oxford
OX1 3PG
United Kingdom
Tel: +44 (0)1865 272727
Fax: +44 (0)1865 272705
Email: enquiries@keble.ox.ac.uk
Registration for MDSG 2014 will open shortly via instructions and links provided on the new MDSG website (URL pending). A WORD version of the registration form will also available at this site if you wish to mail your form rather than register online.

The following registration fees include the welcoming ice-breaker event, the Conference Dinner, lunches and teas on both conference days, and the abstract volume and conference pack.

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<thead>
<tr>
<th></th>
<th>Member</th>
<th>Non-member</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early bird registration (until 25th November)</td>
<td>£220</td>
<td>£240</td>
<td>£120</td>
</tr>
<tr>
<td>Late registration (from 26th November)</td>
<td>£250</td>
<td>£270</td>
<td>£120</td>
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Member fees are eligible to members of The Geological Society, The Mineralogical Society, the Society of Economic Geologists and IOM3. A membership number will be required when registering.

**Icebreaker**

A welcome reception will be held in the University’s Natural History Museum at 19h00 on Sunday 5th January.

**Conference Dinner**

The Conference Dinner will be held in the Keble Hall at 20h00 on Monday 6th January 2014.

**Student bursaries**

In the tradition of past MDSG conferences, a significant amount of financial assistance will be provided to students to help defray costs:-

- All students who present a paper or poster will qualify for financial assistance
- Any other student attending the conference will also be eligible for support but at a reduced level
- All students must register formally and pay in order to be considered for a bursary
By Air
Heathrow is only 75 minutes by coach from Oxford. The Airline (Oxford Bus Company - http://airline.oxfordbus.co.uk/) runs a regular service from Heathrow’s Central Bus Station and Terminal 5, with departures every half-hour.

By Train
Oxford is a major rail hub and is linked directly to London’s Paddington Station via Reading. Northwards the line goes up to Birmingham and Manchester, with branch lines off to Banbury and also to the Cotswolds and Worcester. The station is located about ½ mile west of the city centre and is serviced by buses and taxis.

By Car
Oxford is just off the M40 motorway, and can be accessed from Junction 8 (A40) or Junction 9 (A34). Parking is limited and expensive in Oxford. Delegates arriving by car are advised to use the Park and Ride facilities (http://www.oxford.gov.uk/PageRender/decTS/ParkandRideCharges.htm)

For further information or maps see.....
www.oxfordcityguide.com/ee2/index.php/?/Maps/
Anyone wishing to make either an oral or a poster presentation is required to submit an abstract by the deadline date of **Friday 29th November 2013**.

**Abstracts:-**

Abstracts should be concise but informative. **Abstracts should fit onto a single A4 page and must be formatted in accordance with the template that is available on the MDSG website.** Photos, diagrams or tables may be included in the text of the abstract – references must also be provided, but in abbreviated form.

**Submission:-**

Abstracts must be submitted by email attachment in MS WORD format to Dr Nick Gardiner at **nickg@earth.ox.ac.uk**

Abstracts received after the deadline date may be declined.

In your submission email you should indicate the following:-

1. Your preference for an oral or poster presentation.
2. If you are a student please indicate your University affiliation and the degree for which you are registered.
3. Your preference for a session theme (as indicated above) if a theme is applicable; other sessions will be compiled as dictated by demand.

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**FIELD TRIP – SUNDAY 5TH JANUARY 2014**

**ECONOMIC GEOLOGY HIGHLIGHTS OF NORTH OXFORDSHIRE**

Owen Green has offered to lead a one-day field trip through Oxfordshire that will highlight the North Oxfordshire ironstone workings (Middle Liassic Banbury Marlstone unit and the Middle Jurassic Bathonian Great Oolite Series in Kirtlington). A visit will also be made to the Heritage Centre in the village of Churchill, the birth place of William Smith (the ‘Father of English Geology’). Delegates are asked to record their interest in attending this trip on the registration form. Details and cost will be provided in the 2nd Circular.
**General:**

A second circular will be distributed later in the year with additional details regarding the session themes, keynote speakers and a programme.

Updates will also be posted on the MDSG website, as well as via Facebook and Twitter.

**Organizing Committee:**

If you require any additional information about MDSG 2014 please contact a member of the Organizing Committee:–

Laurence Robb  
Dept of Earth Sciences, University of Oxford  
laurencr@earth.ox.ac.uk; nickg@earth.ox.ac.uk

Nick Gardiner

Kevin Leahy  
ERM  
kevin.leahy@erm.com

For general questions relating to MDSG contact the Chairperson:–

Jon Naden  
BGS  
jna@nigl.nerc.ac.uk

**Accommodation:**

In order to promote a close-knit, collegial atmosphere, we hope to accommodate the majority of delegates at Keble College. For those delegates wishing to stay in a hotel or B&B, there are many to choose from in Oxford – the list below provides some of the hotels and B&B’s that are within walking distance of the venue:–

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<tr>
<th>Hotel / B&amp;B</th>
<th>Address</th>
<th>Telephone</th>
<th>Website</th>
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<tbody>
<tr>
<td>Burlington House B&amp;B</td>
<td>374 Banbury Rd, Oxford, OX2 7PP</td>
<td>+44 1865 513 513</td>
<td><a href="http://www.burlington-hotel-oxford.co.uk">www.burlington-hotel-oxford.co.uk</a></td>
</tr>
<tr>
<td>Cotswold House B&amp;B</td>
<td>363 Banbury Rd, Oxford, OX2 7PL</td>
<td>+44 1865 310 558</td>
<td><a href="http://www.cotswoldhouse.co.uk">www.cotswoldhouse.co.uk</a></td>
</tr>
<tr>
<td>Cotswold Lodge Hotel</td>
<td>66A Banbury Rd, Oxford, OX2 6JP</td>
<td>+44 1865 512 121</td>
<td><a href="http://www.cotswoldlodgehotel.co.uk">www.cotswoldlodgehotel.co.uk</a></td>
</tr>
<tr>
<td>Marlborough House Hotel - B&amp;B</td>
<td>321 Woodstock Rd, Oxford, OX2 7NY</td>
<td>+44 1865 311 321</td>
<td><a href="http://www.marlborough.co.uk">www.marlborough.co.uk</a></td>
</tr>
<tr>
<td>Old Parsonage Hotel</td>
<td>1 Banbury Rd, Oxford, OX2 6NN</td>
<td>+44 1865 310 210</td>
<td><a href="http://www.oldparsonage-hotel.co.uk">www.oldparsonage-hotel.co.uk</a></td>
</tr>
<tr>
<td>Parklands B&amp;B</td>
<td>100 Banbury Rd, Oxford, OX2 6JU</td>
<td>+44 1865 554 374</td>
<td><a href="http://www.parklandsoxford.co.uk">www.parklandsoxford.co.uk</a></td>
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