

Conference Secretary

Dr Peter Pay, Hole Farm, Chulmleigh, EX18 7DS
Telephone: 01769 580159 or E-mail: conference09@ussher.org.uk

Ussher Society

Geoscience in South-west England 47th Annual Conference Paignton 6th - 9th January 2009

Second Circular – Provisional Programme

The 47th Annual Conference is at the Redcliffe Hotel, Paignton, Devon. This 4-day conference for Earth and environmental scientists with interests in SW England will include field excursions on Tuesday 6th and Friday 9th January and two days of presentations, on Wednesday 7th and Thursday 8th of January. Please note that, due to unforeseen circumstances, the original speaker for our keynote **Scott Simpson Lecture** will not be able to attend and instead, we are pleased to welcome **Dr Jean-Bernard Edel** of Louis Pasteur University, Strasbourg, who will speak on the '*Structure and geodynamics of the Variscan belt of western and central Europe in the light of geophysical data (gravimetric, magnetic, seismic and palaeomagnetic).*' In addition to the general papers and posters, there will be thematic sessions on the Variscan of Europe, Quaternary topics and tungsten mining, with special reference to the forthcoming re-opening of Hemerdon Mine.

A field trip has been organised for Tuesday 6th January, led by Dr Elaine Burt (BGS Cardiff) and Dr Kevin Page (University of Plymouth) to examine the Permian and Devonian rocks spectacularly exposed along the coast of Torbay. Booked participants should meet above Hope's Nose on Ilsham Marine Drive (SX 945 638) at 09.30 on Tuesday 6th January. Localities will include Hope's Nose, Meadfoot Beach and Saltern Cove, Goodrington; there will be a lunch stop at an appropriate watering hole or please bring a packed lunch.

Post-conference field trips have been planned for Friday 9th January and the alternatives are:

- Visit to **Hemerdon Mine**, to be led by John Cowley and Richard Scrivener
- **Engineering Geology of the Rock Walk, Torquay**, to be led by Jeremy Rickeard of Frederick Sherrell Ltd.
- Visit to **Kent's Cavern**, with a guided tour by the staff (please note that there will be a charge for this of £4.50 per person, to be collected on the day)

Further details of these excursions will be available at the Conference and will also be posted, well in advance, on the Ussher website www.ussher.org.uk/

Please note that, for insurance and safety reasons, it is essential to book field excursions using the form attached. You will require a hard hat for the Torbay, Hemerdon and Rock Walk excursions and, additionally, a high visibility vest and safety boots for the Hemerdon and Rock Walk excursions.

Registration will commence, after the field excursion, at 18.00 on Tuesday 6th January, and there will be an icebreaker reception from 18.30, kindly provided by IGI Ltd. A Committee Meeting will be held at 17.30 on Tuesday 6th and the 2009 AGM will take place after the conference proceedings on Wednesday 7th, to be followed by the Conference Dinner.

Conference programme - Wednesday 7th January 2009

- 08.30 Registration commences
- 09.10 – 09.15 Welcome and opening remarks by Chairman Robin Shail
- 09.15 – 09.40 *Separating Myth and Reality - the History and Hydrology of Glastonbury Spa:* John Mather
- 09.40 – 10.05 *Foraminifera from the Christian Malford Lägerstatten:* Malcolm Hart, Gregory Price, Kevin Page, Christopher Smart, Alex De Jonghe, Philip Wilby & Keith Duff
- 10.05 – 10.30 *The English Riviera Geopark – past, present and future:* Mel Border
- 10.30 – 11.00 Coffee and posters
- 11.00 – 12.00 **The Scott Simpson Lecture by Jean-Bernard Edel**
'Structure and geodynamics of the Variscan belt of western and central Europe in the light of geophysical data (gravimetric, magnetic, seismic and palaeomagnetic).'
- 12.00 – 12.25 *The Variscan: where we are in SW England:* Robin Shail and Brian Leveridge
- 12.25 – 12.50 *A review of the Variscan Orogeny in Europe:* Karel Schulmann
- 12.50 – 14.15 Lunch and posters
- 14.15 – 14.40 *Foraminifera from the Oxford Clay Formation at Redcliff, Weymouth:* Malcolm Hart
- 14.40 – 15.05 *The stratigraphy of the Penarth Group (late Triassic) of the Severn Estuary area:* Ramues Gallois
- 15.05 – 15.30 *The Glastonbury Geological Survey Sheet - aspects of ongoing research:* Steve Booth, Elaine Burt and Keith Ambrose
- 15.30 – 16.00 Tea and posters
- 16.00 – 16.25 *Bideford Black - some properties of, and speculation on, the origin of seam carbon in the Upper Carboniferous of the Bideford area, North Devon:* Chris Cornford and Richard Scrivener
- 16.25 – 16.50 *Hutton's Unconformity at Siccar Point, Berwickshire, compared to Playfair's Unconformity near Paignton, Devon:* Norman Butcher
- 17.00 – 18.00 Annual General Meeting
- 19.30 Conference Dinner

Thursday 8th January

- 08.30 Registration commences
- 09.10 – 09.15 Opening remarks by the Chairman
- 09.15 – 09.40 *A long Pleistocene sequence and recent archaeological finds at Chard Junction Pit in the Axe Valley:* Tony Brown, Laura Basell and P. S. Toms
- 09.40 – 10.05 *Beachrock and calcareous tufa accretions - occurrence and development in Harlyn Bay, North Cornwall:* Frank Howie
- 10.05 – 10.30 *Symmetry of the peri- and post-glacial deposits of North Devon and the South Gower:* Ranald Kelly
- 10.30 – 11.00 Coffee and posters
- 11.00 – 11.25 *Tungsten and other minor metal production from SW England, 1850 to 2000:* Roger Burt
- 11.25 – 11.50 *Setting and geology of the Hemerdon tungsten deposit:* Richard Scrivener and David Groombridge
- 11.50 – 12.15 *Hemerdon Tungsten – modern metal mining in the UK – you can't 'offshore' this business:* John Cowley
- 12.15 – 12.40 *Some perspectives on tungsten-bearing veins from SW England and S China:* Chris Halls
- 12.40 – 14.00 Lunch and posters
- 14.00 – 14.25 *A recent large landslide at The Spittles, Lyme Regis, Dorset and its implications for the stability of the adjacent urban area:* Richard Edmonds and Ramues Gallois
- 14.25 – 14.50 *Fragipans from the Lizard Peninsula:* Les James and Peter Ealey
- 14.50 – 15.15 *Roman mining on Exmoor: a geomorphological approach at Anstey's Combe, Dulverton:* Tony Brown, Jenny Bennett and Edward Rhodes
- 15.15 – 15.40 *The Earth Heritage resource of Devon as a context for teaching the philosophy and practice of Earth Heritage conservation at university level:* Kevin Page and Richard Clarke
- 15.40 – 16.20 Tea
- 16.20 – 16.45 *A Co-ordinated Response to Sustainable Materials Management:* Tony Hartwell

Posters include:

The origin of the Clay-with-Flints – the missing link: Ramues Gallois

Cenozoic geology of the Lizard peninsula, SW England: Peter Ealey

Animal, Vegetable or Mineral? - Fossil moulds from Wembury, S Devon: Elaine Burt and Chris Ruse

Please note that there is still room for a small number of additional papers and a good deal of space remaining for posters: please submit details using the form in the First Circular and on the website www.ussher.org.uk/

For those who have submitted titles without abstracts, please note the deadline is Wednesday 10th December.

ACCOMMODATION INFORMATION
The Ussher Society Annual Conference – Redcliffe Hotel, Paignton
6th– 9th January 2009

Please note that **it is your responsibility** to make arrangements for, and payment of, the accommodation that you require before, during and after the conference. You may also wish to arrange evening meals at the same time as booking accommodation (where applicable), **bearing in mind any booking you have made (above) to attend the Conference Dinner on Wednesday 7th January.**

Links to information about other accommodation options, may be found on the following website:

www.englishriviera.co.uk

Accommodation at the Redcliffe Hotel, Paignton – CONFERENCE VENUE

The hotel has kindly negotiated **special rates for Ussher Society Delegates** – please mention the Ussher Society when contacting the hotel to make your reservation.

- ▶ There is a flat rate of £40 per person per night B&B, with no single supplement

Contact: Redcliffe Hotel,
Marine Drive,
Paignton,
Devon, TQ3 2NL
Tel: 01803 526397

E-mail: redclfe@aol.com
Website: www.redcliffehotel.co.uk

Demand for rooms at the Redcliffe is likely to be high, so please book early to avoid disappointment. This is especially true for those wishing to arrive on the evening of Monday 5th January, when only a limited number of rooms will be available.

The Redcliffe Hotel offers a range of evening meals in the restaurant; bookings for meals may be made at the same time as your accommodation reservation. Please bear in mind that you may have made a reservation for the **Conference Dinner** above, to be held on the evening of Wednesday 7th January.

CONFERENCE BOOKING FORM
The Ussher Society Annual Conference – Redcliffe Hotel, Paignton
6th– 9th January 2009

Please complete and **return this form with payment to Conference Secretary:**
 Dr Peter Pay, Hole Farm, Chulmleigh, EX18 7DS.

NAME:

ADDRESS:

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PHONE: E-MAIL:

I wish to register for the Conference as follows (please tick where appropriate):
Note: All conference rates include tea/coffee and lunches at the conference venue

Standard delegate

Both conference days (7th & 8th January) @ £42

Wednesday 7th January only @ £23 Thursday 8th January only @ £23

Full-time Student delegate

Both conference days (7th & 8th January) @ £24

Wednesday 7th January only @ £12 Thursday 8th January only @ £12

Conference dinner - £19 for 3 courses and coffee, at the restaurant in the Redcliffe Hotel

I wish to attend the conference dinner on Wednesday 7th January

I prefer a vegetarian meal

I intend to join the following field excursion(s)

▪ Geology of Torbay (Elaine Burt and Kevin Page) – Tuesday 6th January

▪ Engineering geology of the Rock Walk - Friday 9th January

▪ Hemerdon Mine – Friday 9th January

▪ Kent's Cavern – Friday 9th January (£4.50 charge to be collected on day)

Field excursions must be pre-booked. Limited transport will be available and no refreshments are included.

I enclose a cheque for £..... made payable to P Pay