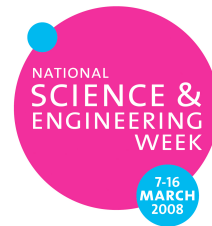


Dynamic Dinosaurs!

Cutting edge approaches to ecology and behaviour

The Geology Section (C) of the Leicester Literary and Philosophical Society
presents

Annual Saturday Seminar, 15 March 2008
9.00 am – 5.00 pm
Ken Edwards Building, LT1
University of Leicester



Everyone knows about dinosaurs, don't they? We have all seen them chasing across the big screen, or in various natural history-style programmes on the television. But what do we really know about these apparently familiar animals, and how can scientists determine where they lived, what they looked like, how fast they ran, what they ate, and how their brains worked? New research, new technologies, and new fossils have led to major changes in the way dinosaurs are studied, and are revolutionising our understanding of many areas of dinosaur biology. We have brought together a group of leading international dinosaur experts, all skilled in communicating in an understandable way, to address this exciting area of science. They will present a series of fully illustrated, accessible talks and discuss the latest developments in dinosaur research; developments which will challenge what we all think we already know about these iconic animals.

We have a limited number of free tickets (not including lunch) for pre-university age students and for one accompanying teacher per group. These will be allocated on a first-come-first-served basis and must be booked in advance. Please indicate on the booking form below how many tickets are for students.

Otherwise, tickets for the Seminar are £18.00 with a buffet lunch or £12.00 without lunch. There are a limited number of free child places for under 16 year olds accompanied by a paying adult, although an additional charge of £6 is required if they would like lunch.

Please order tickets using the form below. For more details of the Seminar, please contact either Mark Evans (mark.evans@leicester.gov.uk) or Joanne Norris (j.e.norris@ntlworld.com; 0116 2833127).

Tear off slip

To: Mrs M. East, 36 Brambling Way, Oadby, Leicester, LE2 5PA (tel: 0116 2716252)

Please send me ___ student / ___ teacher tickets

___ £18.00 / ___ £12.00 / ___ free child place / ___ £6 child with lunch tickets

Total amount £ _____. Please make cheques payable to 'Leicester Literary and Philosophical Society Section C Geology'.

NAME (Block capitals) _____

ADDRESS _____

_____ Tel No _____

email address _____ Please book before 8 March 2008.

Please tick this box if you would like to be kept informed of future events such as this. Your name and address will not be passed on to any third party.

Programme

- 09.00 **Assemble**
- 09.15 **Opening**
Dr Joanne E. Norris, Chairman, Geology Section (C), Leicester Literary and Philosophical Society
- 09.20 Dr David M. Unwin (Dept for Museum Studies, Univ. of Leicester) - Feathered dinosaurs, flying dinosaurs, and birds
- 10.05 Dr Angela C. Milner (Palaeontology Dept, Natural History Museum, London) – The evolution of bird brains and flight
- 10.50 Coffee
- 11.15 Laura B. Porro (Dept of Earth Sciences, Univ. of Cambridge) - Chewing machines: modelling feeding in early herbivorous dinosaurs
- 11.45 Vince Williams (Dept of Geology, Univ. of Leicester) - Duck-billed dentistry: evidence for hadrosaur diet from tooth microwear
- 12.15 Lunch
- 13.05 Dr Phillip L. Manning (School of Earth, Atmospheric & Environmental Sciences & The Manchester Museum, Univ. of Manchester) – ‘The bounce has gone from my bungee’: reconstructing dinosaur biomaterials
- 13.50 Dr Paul Upchurch (Dept of Earth Sciences, University College, London) - Dinosaur evolution on a dynamic Earth: new approaches to geographic and palaeoecological questions
- 14.35 Tea
- 15.00 Dr Bill Sellers (Faculty of Life Sciences, Univ. of Manchester) - Running with dinosaurs: physics, physiology and fossils
- 15.45 Dr John R. Hutchinson (Royal Veterinary College, Univ. of London) - Into the unknowns: estimates, assumptions and validation in dinosaur biomechanics
- 16.30 Discussion
- 17.00 **Concluding Remarks & Close**
- Reception. To be held in Seminar Rooms in the Ken Edwards building**

