



The
Geological
Society

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Lyell Meeting 2016:

Palaeoinformatics: Synthesising data from the past to illuminate the future

9 March 2016

Programme

| Wednesday 9 March 2016 | |
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| 09.00 | Registration & tea & coffee (Main foyer and Lower Library) |
| 09.30 | Opening comments: Ken Johnson, (The Natural History Museum, London) |
| 09.40 | Value and validity: non-marine ostracods and the challenges of compiling large useful databases David Horne (Queen Mary University, London) |
| 09.50 | The Neptune database – current developments and future plans David Lazarus (Museum für Naturkunde, Berlin, Germany) |
| 10.10 | Nannotax an online database of nannoplankton taxonomy – and the value of cybertaxonomy in palaeontology Jeremy Young (University College London) |
| 10.30 | Building an open-access online planktonic foraminiferal taxonomic database for future generations Brian Huber (Smithsonian Inst, USA) |
| 11.00 | Tea, coffee and refreshments (Lower Library) |
| 11.30 | eMesozoic: digitising historical palaeontological collections Pip Brewer (The Natural History Museum, London) |
| 11.50 | The Panama Paleontology Project Database Paola G. Rachello-Dolmen (Texas A&M & Smithsonian Tropical Research Inst, USA) |
| 12.10 | Challenges to 3-D digital data publication in palaeontology and the need for community-wide standards for data verification Thomas Davies (University of Bristol) |
| 12.30 | Lunch Break (lunch is not provided) |
| 14.00 | The fossil calibration database Phil Donaghue (University of Bristol) |

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| 14.20 | Integrated management of biodiversity and paleontology data within GFBio and PANGAEA Robert Huber (University of Bremen, Germany) |
| 14.40 | Putting paleontology into WoRMS Andreas Kroh (Natural History Museum, Vienna, Austria) |
| 15.00 | Analysis of Mesozoic – early Paleogene terrestrial vertebrate diversity demonstrates the utility of the Paleobiology Database for deep time macroevolutionary research Richard Butler (Lapworth Museum, Birmingham) |
| 15.20 | Tea, coffee and refreshments (Lower Library) |
| 15.50 | The Geobiodiversity Database and its Taxonomy and occurrence data Fan JunXuan (Nanjing Inst of Geology & Palaeontology) |
| 16.10 | Synthesising Biostratigraphic Data; a proposed method for common practice and examples of uses Monika Dlubak (Neflex Exploration Insights) |
| 16.30 | Specimen-level mining: bringing knowledge back 'home' to the Natural History Museum, London Ross Mounce (The Natural History Museum, London) |
| 16.50 | GeoDeepDive: a cyberinfrastructure to support the construction and enhancement of literature-derived databases Shanan E Peters (Wisconsin University, USA) |
| 17.10 – 18.15 | Drinks reception (Lower Library) |