



The
Geological
Society

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Lyell Meeting 2015

Mud, glorious mud and why it is important for the fossil record
Wednesday 11 March 2015

Programme

09.00	Registration, tea and coffee
09.25	Opening remarks
09.30	The Kimmeridge Clay and the Etches Palaeontological Collection: A treasure trove of Jurassic biodiversity David Martill (University of Portsmouth)
10.00	Mudrocks as sanctuaries for enhanced preservation of skeletal morphology and mineralogy in fossil bryozoans Paul Taylor (Natural History Museum)
10.30	KEYNOTE: Mud, microbes and mineralisation: Mediating exceptional fossil preservation over geological time Derek Briggs (Yale University)
11.15	Tea, coffee and poster session
11.45	Toarcian mudrock biofacies: Where palaeontology meets geochemistry Crispin Little (University of Leeds)
12.15	Computational and human classification of pollen grains Luke Mander (University of Exeter)
12.45	Lunch break and posters (no lunch provided for delegates)
14.00	Mudrocks and plant fossils: Exploring a rich archive Volker Wilde (Senckenberg Naturmuseum)
14.30	Organic matter in mudrocks: Another form of exceptional preservation John Marshall (University of Southampton)
15.00	Revealing terrestrial environmental change: Big lakes, multi-proxies and challenges William Gosling (University of Amsterdam)
15.30	Tea, coffee and poster session
16.00	Exceptional preservation of carbonate microfossils in clay: Implications for palaeobiology and palaeoclimate Paul Pearson (Cardiff University)
16.30	From Cells to Species: Using exceptionally preserved coccolithophores to reconstruct biology and biogeochemistry Samantha Gibbs (University of Southampton)
17.00	Mud: Food for thought Nick McCave (University of Cambridge)
17.30	Closing remarks
17.35	Drinks reception