

Westmorland Geological Society

"The Elgin Reptiles: a window on the origin of modern faunas"

Dr Davide Foffa

17th January 2024 19.30

ZOOM Lecture

<https://us05web.zoom.us/j/82817236615?pwd=2aSaBB4WAULR8sV7bH2HsCGiwCs68q.1>

Meeting ID: 828 1723 6615, Passcode: 436519

For more than 100 years, scientists have puzzled over the Elgin Reptiles – unusual fossils that exist as cavities hidden within rocks over 230 million years ago in what is now Scotland. Now, thanks to modern technology that is advancing the field of palaeontology, we can extract previously unavailable detail, uncovering the secrets of these ancient animals, the ecosystems in which they lived, and the origin of charismatic extinct groups. The Triassic Elgin fauna include some of the oldest ancestors and cousins of crocodiles, lizards, dinosaurs (and therefore birds) and pterosaurs.

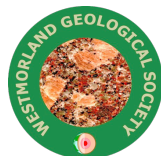


A 3D digital reconstruction of Scleromochlus's skeleton

Davide Foffa

I am a postdoctoral researcher (Marie Skłodowska-Curie fellow) in Palaeobiology at the School of Geography, Earth and Environmental Sciences of the University of Birmingham (UK) and currently based at the Department of Geosciences of Virginia Tech (USA). I am an associate researcher with the National Museums Scotland (UK). I previously worked as a postdoctoral fellow at the National Museum Scotland and I completed my PhD at the University of Edinburgh (UK), a MSc in Palaeobiology at the University of Bristol (UK), and a BSc in Geological Sciences at the University of Pisa (Italy).

https://futurumcareers.com/can-modern-technology-uncover-the-secrets-of-evolution?fbclid=IwAR24IkOvVY6i1ZWNRCy6k_IPaa4yUr0dgSiBFhves6PYBxk_b_8f4YqiZ-



www.westmorlandgeolsoc.co.uk