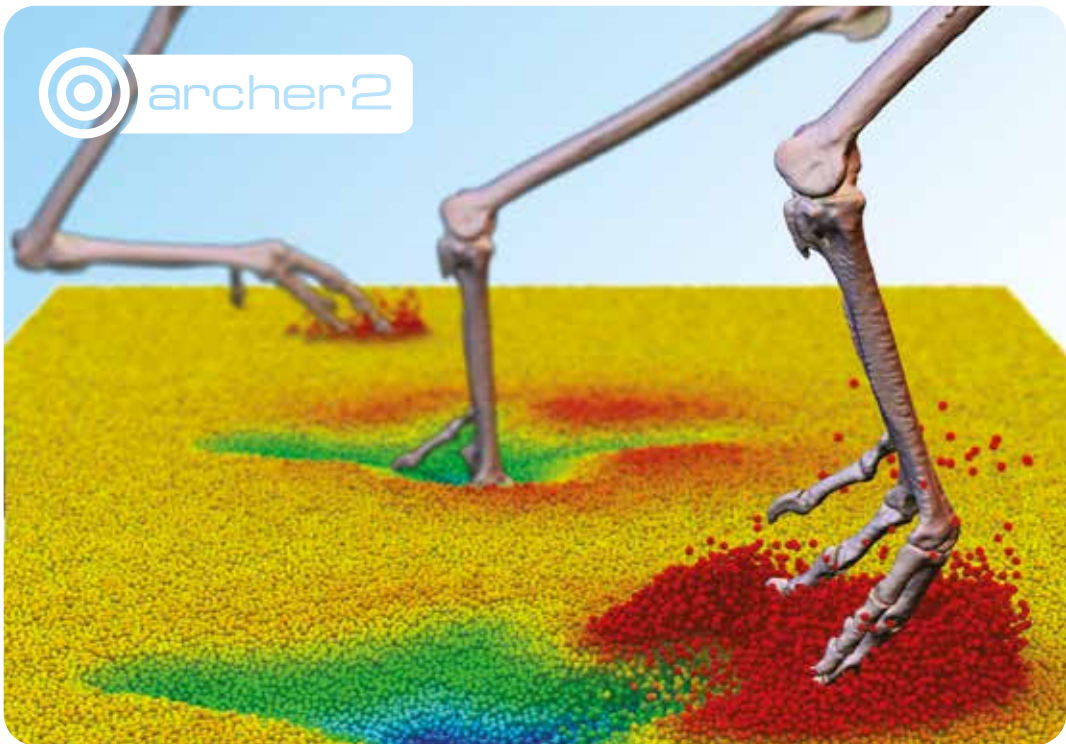




archer2



The UK's National Supercomputing Service

The birth of a footprint

This image is of three stages of footprint formation, simulated by combining bi-planar X-ray data of a guineafowl walking over a sand-like substrate with a Discrete Element simulation of the substrate. This work has allowed us to link features of footprints - both at and below the surface - with motions of the foot, and is now being applied to understanding footprints made by long extinct dinosaurs.

Dr Peter Falkingham (Natural Sciences & Psychology, Liverpool John Moores University)

Image Competition: Overall Winner 2016



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