

## Shell London Lecture Series:

Stranger than Fiction: Worlds around and beneath us

www.geolsoc.org.uk/shelllondonlectures13

Geological Society of London

## The Mars Science Laboratory Mission: The Curiosity Rover's **Exploration of Gale Crater**



SPEAKER: Sanjeev Gupta, Imperial College

The Mars Science Laboratory rover, Curiosity, touched down on the surface of Mars on August 5, 2012 in one of the most audacious planetary landings ever. This car-sized rover has been successfully exploring Gale crater since then. Built to conduct an investigation of modern and ancient environments on the surface of Mars, this talk will describe the rover's explorations and adventures, and discuss the latest findings.

Date: Wednesday 9 October 2013

Timings: This lecture will be given at 3pm and 6pm on this day (with tea/coffee served for half an hour before each), so please let us know, when requesting a place, which talk you would like to attend.

Venue: The Geological Society of London, Burlington House

Entry to this lecture is free to all, but places are allocated on a ballot basis. Please call at reception (to your right) or contact the Society by post, phone, fax or email (see below).



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For further information, please contact: Conference Office, The Geological Society, Burlington House, Piccadilly, London W1J oBG T: 020 7434 9944 F: 0207 439 8975 E: registrations@geolsoc.org.uk W: www.geolsoc.org.uk/shelllondonlectures13 Follow us on twitter #shelllecture





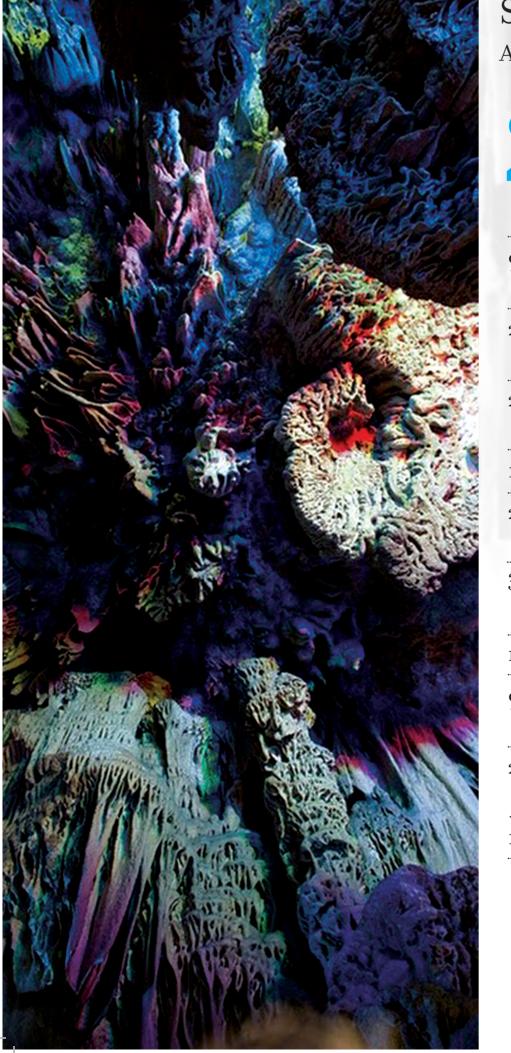
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All past lectures can be viewed on our website at www.geolsoc.org.uk/shelllondonlectures13

## 2013 Programme

9 January	Reconciling past and future worlds: Geology and ground engineering	Jackie Skipper, Geotechnical Consulting Group
27 February	Landslides and subsidence: Engineering geology in an age of austerity	David Shilston, GSL President
27 March	Exceptionally preserved fossils: Windows on the evolution of life	David Siveter, University of Leicester
17 April	Rivers under the sea	Jeffrey Peakall, University of Leeds
29 May	CCS - Capturing Global Opportunities	Paul Garnham, CCS Project Manager, Shell
3 July	Life at deep-sea hydrothermal vents: biodiversity in a new resource frontier	Adrian Glover, Natural History Museum
11 September	Dwarfism in animals on islands	Victoria Herridge, Natural History Museum
9 October	The Mars Science Laboratory mission: The Curiosity Rover's exploration of Gale Crater	Sanjeev Gupta, Imperial College
20 November	Shearwater: Geology Under Pressure	Caroline Gill, Senior Production Geologist, Shell
18 December	Lakes Beneath the Ice	Martin Siegert, Edinburgh University





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