

Shell London Lecture Series:
Stranger than Fiction: Worlds around and beneath us

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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).



For further information, please contact:
Conference Office, The Geological Society,
Burlington House, Piccadilly, London W1J 0BG
T: 020 7434 9944 F: 0207 439 8975
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2013 Programme

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



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