

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

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Geological Society of London

Shearwater: Geology under Pressure



SPEAKER: *Caroline Gill, Shell*

The high pressure, high temperature (HPHT) play forms some of the most important remaining exploration potential in the UK Central North Sea, and the platform facilities is a key infrastructural element in the heart of the province.

Exploration for oil and gas, development of producing fields and eventual safe abandonment of facilities all pose a significant challenge to the hydrocarbon industry when working in the HPHT environment. Shearwater provides unique insights into these challenges as Shell are operating at all stages of the exploration and production business and in a range of reservoirs that are diverse in both geological age and type. This talk will provide an overview of the HPHT province in the Central North Sea before focusing on the geological variability of the reservoirs present in the Shearwater area. It will then detail the technologies Shell is applying to acquire data and safely operate in this difficult and complex arena.

Date: Wednesday 20 November 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,
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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	<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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