

**Seventh Petroleum Geology Conference: from Mature Basins to New Frontiers**  
**QEII Centre, London, 30 March – 02 April 2009**

Please note that the names listed below are the presenters. A full listing of authors is in the Abstract Book

**Ice Breaker Reception – 30 March 2009 – 6pm**

<b>Day 1</b>			
<b>08.00 – 09.00</b>	Registration		
<b>09.00 – 09.10</b>	Welcome Address <i>Bernie Vining, Chair, Technical Committee</i>		
<b>09.10 – 09.45</b>	Plenary Address: Global Petroleum Systems, <i>Steve May, ExxonMobil</i> – Fleming Room		
<b>09.50 – 09.55</b>	SESSION INTRODUCTIONS		
	<b>Session 1</b> <b>Europe</b>  <i>Churchill Auditorium</i>  <i>Session sponsored by</i> <i>BG Group &amp; Centrica Energy</i>	<b>Session 2</b> <b>Russia, FSU &amp; Circum-Arctic</b>  <i>Fleming Room</i>  <i>Session sponsored by</i> <i>BG Group &amp; BP</i>	<b>Session 3</b> <b>Passive Margins</b>  <i>Whittle Room</i>  <i>Session sponsored by BG Group,</i> <i>Sonangol Natural Gas &amp;</i> <i>StatoilHydro</i>
<b>SESSION CHAIRS</b>	<i>John Underhill</i> <i>University of Edinburgh &amp;</i> <i>Jen Brozowska</i> <i>DECC</i>	<i>Mike Daly</i> <i>BP &amp;</i> <i>Al Fraser</i> <i>BP</i>	<i>Scot Fraser/Tony Doré &amp;</i> <i>Bruce Levell</i> <i>Shell</i>
<b>SESSION THEME</b>	<b>EUROPEAN PETROLEUM PROVINCES</b>	<b>CIRCUM ARCTIC</b>	<b>CRUST &amp; CONTINENTS</b>
<b>09.55 – 10.20</b>	<b>KEYNOTE</b> North Sea; aspects of our understanding of a key petroleum province <i>Duncan Erratt</i> <i>ExxonMobil</i>	<b>KEYNOTE</b> Regional geological context of Arctic frontier basins <i>Al Fraser</i> <i>BP</i>	<b>KEYNOTE</b> Depth-dependent extension and mantle exhumation: the development of hyper-extended margins <i>Garry Karner</i> <i>ExxonMobil</i>
<b>10.20 – 10.45</b>	An unexplored Carboniferous petroleum system beneath the UK Central North Sea <i>Richard Milton-Worsell</i> <i>DECC</i>	New insights on the evolution of the Circum-Arctic; potential implications and critical tests <i>Steven Bergman</i> <i>Shell</i>	Along-strike variability in the crustal structure of the West Indian volcanic continental margin <i>Richard Corfield</i> <i>BP</i>
<b>10.45 – 11.10</b>	Tea and Coffee Break – <i>sponsored by Petro-Canada</i>		
<b>11.10-11.15</b>	SESSION INTRODUCTIONS		
<b>SESSION THEME</b>	<b>EUROPEAN PETROLEUM PROVINCES</b>	<b>CIRCUM ARCTIC</b>	<b>MODELS AND MARGINS</b>
<b>11.15 – 11.40</b>	The Southern Permian Basin Atlas: insights into the Phanerozoic tectonic evolution of West Central Europe <i>Tim Pharoah</i> <i>BGS</i>	Tectono-stratigraphic sedimentary accumulations of the Arctic region (64° - 90° N) and their estimated oil and gas resources <i>Arthur Grantz</i> <i>U.S. Geological Survey</i>	North Atlantic continental margins: seismic constraints on volcanism, igneous intrusion and stretching <i>Robert White</i> <i>University of Cambridge</i>
<b>11.40 – 12.05</b>	Can stratigraphic plays change the exploration outlook of the Netherlands? <i>Fred van Hulten</i> <i>EBN</i>	Synchronous exhumation events around the Arctic including examples from the Barents Sea, NW Canada and Alaska north slope <i>Paul Green</i> <i>Geotrack International</i>	North East Atlantic oceanic development – new models, controversies and significance for petroleum exploration <i>Erik Lundin</i> <i>StatoilHydro</i>

12.05 – 12.30	From thrust and fold belt to foreland: hydrocarbon occurrences in Italy <b>Francesco Bertello</b> <b>Eni</b>	Tectonic history and petroleum geology of the Eurasian Arctic continental margin (Russian sector): an overview <b>Sergey Drachev,</b> <b>ExxonMobil</b>	Integrated tectonic basin modelling as an aid to understanding deepwater rifted continental margin structure and location <b>Alan Roberts</b> <b>Badley Geoscience Ltd</b>	
12.30 – 13.30	<b>Lunch – sponsored by Serica Energy</b>			
13.30 – 14.20	<b>Geo-controversies Debate – This house believes Peak Oil is no longer a concern</b> <b>For: David Jenkins</b> <b>Against: Jeremy Leggett</b>			
	<b>Session 1</b> <b>Europe</b>  <b>Churchill Auditorium</b>	<b>Session 2</b> <b>Russia, FSU &amp; Circum-Arctic</b>  <b>Fleming Room</b>	<b>Session 3</b> <b>Passive Margins</b>  <b>Whittle Room</b>	<b>Session 4</b> <b>Colin Oakman</b> <b>Core Workshop</b>  <b>St James's Suite</b>  <b>Session sponsored by BG Group &amp; BGS</b>
14.20-14.25	<b>SESSION INTRODUCTION</b>			
<b>SESSION CHAIRS</b>	<b>Steve Garrett</b> <b>Chevron &amp; Iain Bartholomew</b> <b>Venture Production</b>	<b>Robert Scott</b> <b>CASP &amp; Mark Allen</b> <b>Durham University</b>	<b>Scot Fraser/Tony Doré &amp; John Argent</b> <b>BG Group</b>	<b>Gary Hampson</b> <b>Imperial College London</b>
<b>SESSION THEME</b>	<b>NW EUROPE GIANT FIELDS – NEW &amp; OLD</b>	<b>CIRCUM ARCTIC</b>	<b>MODELS AND MARGINS</b>	
14.25 – 14.50	<b>KEYNOTE</b> Magnus Field, northern North Sea: 25 years of subsurface understanding <b>Claire Hayward</b> <b>BP</b>	<b>KEYNOTE</b> The Azolla story: implications for climate change and Arctic petroleum source rocks <b>Jonathan Bujak</b> <b>Bujak Research International</b>	The break-up of the South Atlantic and NE Atlantic oceans: formation of a potential micro-continent in the Santos Basin, Brazil and the Faroes area, NE Atlantic and comparison of petroleum systems <b>Iain Scotchman</b> <b>StatoilHydro</b>	Lower Carboniferous and Permian carbonate depositional systems <b>Pete Gutteridge</b> <b>Cambridge Carbonates</b>
14.50 – 15.15	Buzzard Field – anatomy of the reservoir post-appraisal <b>Francesca Ray</b> <b>Nexen UK</b>	Geological structure and hydrocarbon potential of the North Chukchi Basin (Russian Arctic), based on marine seismic and onshore data <b>Vladimir Verzhbitsky</b> <b>TGS-NOPEC</b>	Conjugate margin studies in the South Atlantic <b>Olav Antonio Blaich</b> <b>University of Oslo (ExxonMobil sponsored student presenter)</b>	Upper Carboniferous fluvio-deltaic depositional systems <b>Gary Hampson</b> <b>Imperial College London</b>
15.15 – 15.40	<b>Tea and coffee break – sponsored by Petro-Canada</b>			
15.40-15.45	<b>SESSION INTRODUCTIONS</b>			
15.45 – 16.10	Geological characterizations of the Ormen Lange gas field <b>Dougal Grant</b> <b>Shell</b>	Comparing different styles of sedimentary basins in the Barents Sea <b>Jan Inge Faleide</b> <b>University of Oslo</b>	Observations from the South Atlantic – how conjugate is the conjugate margin? <b>Scot Fraser</b> <b>Cobalt International Energy</b>	Permo-Triassic marginal aeolian and dryland depositional systems <b>Joanne Venus</b> <b>University of Leeds &amp; Samantha Taggart</b> <b>Imperial College London</b>
16.10 – 16.35	Locating the remaining oil in the Nelson Field, UKCS <b>Caroline Gill</b> <b>Shell</b>	Paleogeographic evolution and present day structure of the Barents and Kara Seas <b>Jorg Ebbing</b> <b>Geological Survey of Norway</b>	Tectonics and sedimentation during rifting to early drifting in the Northern Kwanza Basin, Angola. Insights and enigmas from depth imaged seismic data and regional plate tectonic models <b>Erling Vågnes</b> <b>StatoilHydro</b>	Middle-to-Upper Jurassic shallow marine and deltaic depositional systems <b>Gary Hampson</b> <b>Imperial College London</b>

<p><b>16.35 – 17.00</b></p>	<p>Managing the start-up of a fractured oil reservoir: development of the Clair Field, West Shetland  <b>Andrew Witt</b>  <b>BP</b></p>	<p>Undiscovered petroleum resources of the north and east margins of the Siberian craton north of the Arctic Circle  <b>Timothy Klett</b>  <b>U.S. Geological Survey</b></p>	<p>The giant to super giant sub-salt hydrocarbon province of the Greater Campos Basin, Brazil: how big is it?  <b>Marcio Mello</b>  <b>High Resolution Technology</b></p>	<p>Upper Jurassic-to-Eocene deepwater depositional systems  <b>Rachel Kieft</b>  <b>Imperial College London &amp; Evelina Dmitrieva</b>  <b>Imperial College London</b>  <b>(ExxonMobil sponsored student presenters)</b></p>
<p><b>18.00</b></p>	<p><b>Conference Dinner, Banqueting House, Whitehall</b></p>			



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**Day 2**

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<b>08.00 – 09.00</b>	Registration			
<b>09.00 – 09.05</b>	SESSION INTRODUCTIONS			
	<b>Session 1</b> <b>Europe</b>  <i>Churchill Auditorium</i>  <i>Session sponsored by BG Group &amp; Centrica Energy</i>	<b>Session 2</b> <b>Russia, FSU &amp; Circum-Arctic</b>  <i>Fleming Room</i>  <i>Session sponsored by BG Group &amp; BP</i>	<b>Session 3</b> <b>Passive Margins</b>  <i>Whittle Room</i>  <i>Session sponsored by BG Group, Sonangol Natural Gas &amp; StatoilHydro</i>	<b>Session 4</b> <b>Virtual Field Trips</b>  <i>Westminster Suite</i>  <i>Session sponsored by BG Group</i>
<b>SESSION CHAIRS</b>	<i>Jacqui Bond ExxonMobil &amp; Paul Arkley Fairfield Energy</i>	<i>James Maynard ExxonMobil &amp; Sergey Drachev ExxonMobil</i>	<i>Martin Jackson University of Texas &amp; John Argent BG Group</i>	<i>Ken McCaffrey Durham University</i>
<b>SESSION THEME</b>	<b>RESERVOIR CHALLENGES: HEAVY OIL, INJECTITES AND LOW PERMEABILITY SANDSTONES</b>	<b>RUSSIA</b>	<b>SEDIMENTS &amp; STRUCTURES</b>	<b>DEEP WATER</b>
<b>09.05 – 09.30</b>	<b>KEYNOTE</b> Maximising production and reserves from offshore heavy oil fields using seismic and drilling technology: Alba and Captain Fields, UK North Sea <i>John Hampson Chevron</i>	<b>KEYNOTE</b> Recent trends in oil & gas fields search in petroleum provinces from Siberia and the Arctic Seas Shelf <i>Alexey Kontorovich Novosibirsk University</i>	<b>KEYNOTE</b> New plays and perspectives – regional exploration of passive margins <i>Robin Hamilton Shell</i>	09.15 – 09.45  Utilisation of three-dimensional models of deepwater outcrops from W. Ireland <i>John Thurmond StatoilHydro</i>
<b>09.30 – 09.55</b>	The Ensign enigma: improving well deliverability in a tight gas reservoir <i>Kevin Purvis Venture Production</i>	<b>KEYNOTE</b> The petroleum systems of Russia – A genetic overview <i>Stephen Creaney ExxonMobil</i>	Exploration on the Angolan passive margin - extending the search beyond DHIs <i>Geoff Hill BP</i>	
<b>09.55 – 10.20</b>	Overcoming multiple uncertainties in a challenging gas development - Chiswick Field UK SNS <i>Robert Nesbit Venture Production</i>	Evolution of the Novaya Zemlya fold-and-thrust belt, Arctic Russia, and its significance for adjacent hydrocarbon basins <i>Robert Scott CASP</i>	Source-to-sink systems on passive margins: some circum-Atlantic examples with particular emphasis on the Norwegian continental shelf <i>Ole Martinsen StatoilHydro</i>	10.00 – 10.30 Stratigraphic architecture of an interbasinal deep-water conduit, Grand Coyer sub-basin, Eocene-Oligocene Grès d'Annot formation, SE France: a virtual field trip <i>Mark Tomasso University of Wyoming</i>

10.20 – 10.45	Volund Field: the successful and deliberate exploration and appraisal of a sand injectite complex <b>Andrew Hurst</b> <i>University of Aberdeen</i>	3D basin simulation and hydrocarbon systems analysis of the Northern West Siberia basin <b>Erik Fjellanger</b> <i>ExxonMobil</i>	Main challenges for oil production from turbidite reservoirs in deep water Campos Basin, Brazil <b>Carlos Bruhn</b> <i>Petrobras</i>	
10.45 – 11.10	Tea and coffee break			
11.10-11.15	SESSION INTRODUCTIONS			
SESSION CHAIRS	<b>Steve Pickering</b> <i>WesternGeco &amp; Rob Simm</i> <i>Rock Physics Associates</i>	<b>Sergey Drachev</b> <i>ExxonMobil &amp; James Maynard</i> <i>ExxonMobil</i>	<b>Martin Jackson</b> <i>University of Texas &amp; John Argent</i> <i>BG Group</i>	<b>Ken McCaffrey</b> <i>Durham University</i>
SESSION THEME	4D SEISMIC APPLICATIONS	FIELDS	SEDIMENTS & STRUCTURES	FLUVIAL AND COASTAL
11.15 – 11.40	<b>KEYNOTE</b> Big Oil push strains both the quantity and the quality of our seismic <b>Ian Jack</b> <i>(Retired)</i>	Regenerating a mature area through 3D seismic – Carboniferous and Devonian exploration around the southern margin of the Mukhanovo-Erokhov Trough, Russia <b>Yuriy Nikitin</b> <i>TNK-BP</i>	<b>KEYNOTE</b> Unfolding concepts in salt tectonics: intrusive plumes, salt-sheet thrusts, mini-basin triggers and exotic wanderer <b>Martin Jackson</b> <i>University of Texas</i>	11.15 – 11.45 Three-dimensional characteristics of rift initiation depositional sequences using Lidar: Abu Zenima and Nukhul Formations, Suez Rift, Egypt <b>Dave Hodgetts</b> , <i>University of Manchester</i>
11.40 – 12.05	Applying time lapse seismic to reservoir management and field development planning at South Arne, Danish North Sea <b>Jorg Herwanger</b> <i>WesternGeco</i>	Exploration and appraisal of a supergiant: the Kashagan Field, North Caspian Basin, Kazakhstan <b>William Zempolich</b> <i>Agip Kazakhstan North Caspian Operation Co</i>	Deepwater reservoir architecture in the northern Gulf of Mexico: the interaction between depositional profiles and salt-related deformation <b>Mark Rowan</b> <i>Rowan Consulting, Inc.</i>	12.00 – 12.30 Multi-scale fluvial and shallow marine reservoir analogues from virtual outcrop to flow simulation (Portugal & Utah) <b>John Howell</b> , <i>University of Bergen</i>
12.05 – 12.30	Acquisition and processing: a North Sea case study on the relative contributions to improved 4D repeatability <b>Ed Rushmere</b> <i>BP</i>	Borehole seismic in the Karachaganak field, Kazakhstan <b>Chris Taylor</b> <i>BG Group</i>	Exploration of the pre-Messinian (Oligo-Miocene) in the Nile Delta, Egypt; opening a new exploration frontier <b>Ashley Price</b> <i>BP</i>	
12.30 – 13.30	Lunch – sponsored by Schlumberger			
13.30 – 14.20	Geo-controversies Debate – Are National Oil Companies (NOC) the future of the petroleum industry? For: <b>Marian Downey</b> Against: <b>Peter Gaffney</b>			

	<b>Session 1 Europe</b>  <i>Churchill Auditorium</i>	<b>Session 2 Unconventional Resources</b>  <i>Fleming Room</i>  <i>Session sponsored by BG Group, Hess &amp; StatoilHydro</i>	<b>Session 3 Passive Margins</b>  <i>Whittle Room</i>	<b>Session 4 Virtual Field Trips</b>  <i>Westminster Suite</i>	<b>Session 5 Colin Oakman Core Workshop</b>  <i>St James's Suite</i>  <i>Session sponsored by BG Group &amp; BGS</i>
14.20-14.25	<b>SESSION INTRODUCTIONS</b>				
<b>SESSION CHAIRS</b>	<i>Steve Pickering, WesternGeco &amp; Rob Simm, Rock Physics Associates</i>	<i>Howard Johnson BGS &amp; Tony Doré StatoilHydro</i>	<i>Bernie Vining Gaffney Cline &amp; Associates &amp; Carlos Figueiredo Sonangol Gas Natural</i>	<i>Ken McCaffrey Durham University</i>	<i>Gary Hampson Imperial College London</i>
<b>SESSION THEME</b>	<b>4D SEISMIC APPLICATIONS</b>	<b>SHALE GAS AND BASIN-CENTRED GAS</b>	<b>TECHNOLOGY &amp; TRAPS</b>	<b>STRUCTURAL GEOLOGY</b>	
14.25 – 14.50	Case history of the Dan Field time lapse (4D) project <i>Philip Christian Maersk Oil &amp; Gas AS</i>	<b>KEYNOTE</b> Unconventional resources: turning conventional paradigms upside down <i>Richard Chuchla ExxonMobil</i>	<b>KEYNOTE</b> Seismic technologies and capabilities in passive margin exploration provinces <i>Brian Barley BP</i>	14.20 – 15.10 Multi-scale structural analogues: rifts, faults and sub-seismic scale deformation <i>Ken McCaffrey Durham University</i>	
14.50 – 15.15	Extending MacCulloch Field life through time-lapse analysis and multi-discipline studies <i>Nick Fuller ConocoPhillips</i>	The Cretaceous of the Western Canada Foreland Basin: identifying a basin-centred gas system and opportunities contained therein <i>Mark Thomas Shell</i>	WATS it take to image an oil field subsalt offshore Angola? <i>Eric Ekstrand BP</i>		Upper Carboniferous fluvio-deltaic depositional systems <i>Gary Hampson Imperial College London</i>
15.15 – 15.40	<b>Tea and Coffee Break</b>				
15.40-15.45	<b>SESSION INTRODUCTIONS</b>				
<b>SESSION CHAIRS</b>	<i>Jerry Chessell JC Geo &amp; Ruth Manson Hess</i>	<i>Howard Johnson BGS &amp; Tony Dore StatoilHydro</i>	<i>Bernie Vining Gaffney Cline &amp; Associates &amp; Carlos Figueiredo Sonangol Gas Natural</i>	<i>Ken McCaffrey Durham University</i>	
<b>SESSION THEME</b>	<b>INTEGRATING SEISMIC DATA IN THE EXPLORATION PROCESS</b>	<b>UNCONVENTIONAL GAS SESSION</b>	<b>THE FUTURE</b>	<b>CARBONATES</b>	
15.45 – 16.10	3D seismic mapping and porosity variation of intra-Chalk units in the Southern Danish North Sea <i>Tanni Abramovitz GEUS</i>	Development of a predictive resource model for shale gas systems <i>Michael Abrams Apache</i>	<b>KEYNOTE</b> The future of passive margins exploration – a global perspective <i>Bruce Levell Shell</i>	15.45 – 16.15 From field data to virtual outcrop models: exploring, interpreting and modelling carbonate architectures <i>Sophie Viseur University of Provence</i>	Permo- Triassic marginal aeolian and dryland depositional systems <i>Joanne Venus University of Leeds &amp; Samantha Taggart Imperial College London</i>

16.10 – 16.35	Laggan Field: a mature understanding of an undeveloped discovery 20 years old <b>Andy Gordon</b> <b>TOTAL</b>	Gas shales in Europe: a regional overview and current research activities <b>Hans Schulz</b> <b>GFZ Postdam</b>	An integrated study of Permo-Triassic basins along the North Atlantic passive margin: implications for future exploration <b>Jonathan Redfern,</b> <b>University of Manchester</b>	16.15 - 16.45  Maximizing the Potential of the Digital Outcrop Revolution: The Automated Quantification of Fractured Carbonate Reservoir Analogues <b>Dave Hunt</b> <b>StatoilHydro</b>	Middle-to-Upper Jurassic shallow marine and deltaic depositional systems <b>Gary Hampson</b> <b>Imperial College London</b>
16.35 – 17.00	Prospectivity of the T38 sequence in the Northern Judd Basin <b>Jean Rodriguez</b> <b>OMV</b>	Natural fractures in shale and their importance for gas production <b>Julia Gale</b> <b>University of Texas</b>	Exploring for gas: the future for Angola <b>Bernie Vining</b> <b>Sonangol Gas Natural/Gaffney Cline &amp; Associates</b>		Upper Jurassic-to-Eocene deepwater depositional systems <b>Rachel Kieft</b> <b>Imperial College London &amp; Evelina Dmitrieva</b> <b>Imperial College London (ExxonMobil sponsored student presenter)</b>
17.00 – 18.00	<b>Beer Reception – sponsored by Nexen Petroleum U.K. Ltd</b>				

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**Day 3**

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<b>08.00 – 09.00</b>	Registration			
<b>09.00 – 09.05</b>	<b>SESSION INTRODUCTIONS</b>			
	<b>Session 1</b> <b>Europe</b>  <i>Churchill Auditorium</i>  <i>Session sponsored by BG Group &amp; Centrica Energy</i>	<b>Session 2</b> <b>Unconventional Resources</b>  <i>Fleming Room</i>  <i>Session sponsored by BG Group, Hess &amp; StatoilHydro</i>	<b>Session 3</b> <b>North Africa and the Middle East</b>  <i>Whittle Room</i>  <i>Session sponsored by BG Group &amp; Hess</i>	<b>Session 4</b> <b>Virtual Field Trips</b>  <i>Westminster Suite</i>  <i>Session sponsored by BG Group</i>
<b>SESSION CHAIRS</b>	<i>Bernie Vining GCA &amp; Matthew Allen Maersk</i>	<i>Richard Chuchla ExxonMobil &amp; Raymond Levey EGI, University of Utah</i>	<i>Jonathan Craig, Eni &amp; Jerry Goff BP</i>	<i>Ken McCaffrey Durham University</i>
<b>SESSION THEME</b>	<b>NORTH SEA EXPLORATION SUCCESSES AND CHALLENGES AFTER 4 DECADES</b>	<b>GAS HYDRATES, TIGHT GAS, COAL BED METHANE, UNDERGROUND COAL GASIFICATION AND HEAVY OIL</b>	<b>NORTH AFRICA</b>	<b>DEEP WATER</b>
<b>09.05 – 09.30</b>	<b>KEYNOTE</b> The Carboniferous play UK, SNS: from exploration success to future production <i>Kim Watson ConocoPhillips</i>	<b>KEYNOTE</b> Resource potential of gas hydrates: recent contributions from international research and development projects <i>Tim Collett USGS</i>	<b>KEYNOTE</b> Pan-African imprint of Phanerozoic play elements <i>Pieter Spaak Shell</i>	09.15 – 09.45  Utilisation of three-dimensional models of deepwater outcrops from W. Ireland <i>John Thurmond StatoilHydro</i>
<b>09.30 – 09.55</b>	Northern North Sea – TOTAL success history in a mature basin <i>Philippe Buffet TOTAL</i>	Tight gas exploration in the Pannonian Basin <i>Andras Kiraly MOL</i>	Integrated petroleum systems & play fairway analysis in a complex Palaeozoic basin: Ghadames/Illizi Basins North Africa <i>Richard Dixon BP</i>	
<b>09.55 – 10.20</b>	The Jasmine discovery, Central North Sea, UKCS <i>Simon Ward ConocoPhillips</i>	Multiple fracture stimulations in horizontal tight gas wells – evolution in completion and fracturing concepts over time <i>Dieter Sieber ExxonMobil</i>	Palaeohighs: their influence on the North African Palaeozoic petroleum systems <i>Remi Eschard IFP</i>	10.00 – 10.30  Stratigraphic architecture of an interbasinal deep-water conduit, Gand Coyer sub-basin, Eocene-Oligocene Grès d'Annot formation, SE France: a virtual field trip <i>Mark Tomasso University of Wyoming</i>

10.20 – 10.45	The Huntington discoveries: efficient exploration in the UK Central North Sea <b>James Hollywood</b> <b>Carrizo Oil &amp; Gas, Inc.</b>	Analogue well-performance approach to assessing worldwide coal bed methane resources <b>Ronald Charpentier</b> <b>U.S. Geological Survey</b>	Hydrocarbon potential of the Kufra Basin, Libya, North Africa <b>Sebastian Luning</b> <b>RWE</b>	
10.45 – 11.10	Tea and coffee break			
11.10-11.5	SESSION INTRODUCTIONS			
SESSION THEME	<b>NORTH SEA EXPLORATION SUCCESSES AND CHALLENGES AFTER 4 DECADES</b>	<b>GAS HYDRATES, TIGHT GAS, COAL BED METHANE, UNDERGROUND COAL GASIFICATION AND HEAVY OIL</b>	<b>NORTH AFRICA</b>	<b>FLUVIAL AND COASTAL</b>
SESSION CHAIRS	<b>Bernie Vining</b> <b>GCA &amp;</b> <b>Matthew Allen</b> <b>Maersk</b>	<b>Richard Chuchla</b> <b>ExxonMobil &amp;</b> <b>Raymond Levey</b> <b>EGI, University of Utah</b>	<b>Adam Law</b> <b>Equipoise &amp;</b> <b>David Peel</b> <b>Hess</b>	<b>Ken McCaffrey</b> <b>Durham University</b>
11.15 – 11.40	How do you solve a problem like the Fulmar? <b>Pamela Sansom</b> <b>BG Group</b>	King Coal: restoring the monarchy by underground gasification coupled to CCS <b>Paul Younger</b> <b>Newcastle University</b>	The hydrocarbon prospectivity of the Egyptian North Red Sea <b>Graeme Gordon</b> <b>Hess</b>	11.15 – 11.45 Three-dimensional characteristics of rift initiation depositional sequences using Lidar: Abu Zenima and Nukhul Formations, Suez Rift, Egypt <b>Dave Hodgetts</b> <b>University of Manchester</b>
11.40 – 12.05	Regional development of a major rift-related unconformity; Upper Jurassic, Horda Platform, Northern North Sea <b>Chris Jackson</b> <b>Imperial College London</b>	Athabasca Oil Sands: reservoir characterisation and its impact in thermal and mining opportunities <b>Michael Peacock</b> <b>Imperial Oil</b>	Exploring subtle exploration plays in the Gulf of Suez <b>Nicholas Dancer</b> <b>Dana</b>	12.00 – 12.30 Multi-scale fluvial and shallow marine reservoir analogues from virtual outcrop to flow simulation (Portugal & Utah) <b>John Howell, University of Bergen</b>
12.05 – 12.30	Upper Jurassic sandstones in the Danish Central Graben: implications of recent exploration activity for palaeogeographic understanding <b>Peter Johannessen</b> <b>GEUS</b>	Challenging the conventional wisdom about developing unconventional reservoirs <b>Kambiz Safinya</b> <b>Schlumberger</b>	Stratigraphic trapping potential in the Carboniferous of North Africa: developing new play concepts based on integrated outcrop / sedimentology and regional sequence stratigraphy (Morocco, Algeria, Libya) <b>Stefan Lubeseder</b> <b>NARG</b>	
12.30 – 13.30	Lunch			

13.30 – 14.20	<b>Geo-controversies Debate – Is exploration in the North Sea finished?</b> <i>For: Richard Hardman      Against: Jim Hannon</i>			
14.20-14.25	<b>SESSION INTRODUCTIONS</b>			
<b>SESSION CHAIRS</b>	<i>Jon Gluyas Fairfield Energy &amp; Graham Goffey PA Resources</i>	<i>Michael Abrams Apache &amp; Charlie Sheppard Hess</i>	<i>Jonathan Redfern University of Manchester &amp; Keith Gerdes Shell</i>	<i>Ken McCaffrey Durham University</i>
<b>SESSION THEME</b>	<b>NORTH SEA EXPLOITATION AFTER 4 DECADES: HPHT &amp; FIELD RE- DEVELOPMENTS</b>	<b>CARBON CAPTURE AND STORAGE</b>	<b>MIDDLE EAST</b>	<b>STRUCTURAL GEOLOGY</b>
14.25 – 14.50	Understanding sedimentary controls on production behaviour and its use in predicting production from deep HPHT Triassic reservoirs in the Central North Sea <i>Stephanie Kape BG Group</i>	Differences between flow of injected CO2 and hydrocarbon migration <i>Christian Hermanrud StatoilHydro</i>	<b>KEYNOTE</b> The exploration potential of the Middle East <i>Al Fraser BP</i>	14.20 – 15.10  Multi-scale structural analogues: rifts, faults and sub-seismic scale deformation <i>Ken McCaffrey Durham University</i>
14.50 – 15.15	Rapid pressure decline in the HPHT Kristin Field <i>Jamie Quin StatoilHydro</i>	Quantification of reservoir fluid changes from time-lapse seismic data: lessons from the Sleipner CO2 injection operation <i>Andy Chadwick BGS</i>	The Middle East basins evolution programme: reconstructing Middle East evolution since Mesozoic <i>Eric Barrier UPMC</i>	
15.15 – 15.40	<b>Tea and coffee break</b>  <b>ExxonMobil Student Awards – Benjamin Britten Lounge</b>			
15.40-15.45	<b>SESSION INTRODUCTIONS</b>			
<b>SESSION THEME</b>	<b>NORTH SEA EXPLORATION AFTER 4 DECADES: HPHT &amp; FIELD RE- DEVELOPMENTS</b>	<b>CARBON CAPTURE AND STORAGE</b>	<b>MIDDLE EAST</b>	<b>CARBONATES</b>
15.45 – 16.10	The Scott/Telford revitalization of a mature field <i>Glen Brook Nexen Petroleum UK Ltd</i>	Geological storage of carbon dioxide – an emerging opportunity <i>William Senior BP</i>	<b>KEYNOTE</b> Older and deeper: challenges for future exploration in North Africa and the Middle East <i>Jonathan Craig Eni</i>	15.45 – 16.15  From field data to virtual outcrop models: Exploring, interpreting and modelling carbonate architectures <i>Sophie Viseur University of Provence</i>
16.10 – 16.35	An old field in a new landscape – the renaissance of Donan <i>Emma Davies Maersk Oil North Sea UK Ltd</i>	Regional pressure effects of CO2 injection into the Bunter Sandstone and their implications for storage potential <i>Sam Holloway BGS</i>	What controlled the hydrocarbon potential of Late Cretaceous sediments in the Euphrates Graben, Syria?-A paleoceanographic reconstruction of the up to km-thick Shiranish Fm. (Campanian-Maastrichtian) <i>Shirin Ismail GFZ Potsdam</i>	

<p><b>16.35 – 17.00</b></p>	<p>Crawford Field (UK North Sea): the road to redevelopment  <b>Neil Parkinson Fairfield Energy Ltd</b></p>	<p><b>KEYNOTE</b>          Preparing for a carbon constrained world; the United States Regional Carbon Sequestration Partnerships (RCSPS) and the role of the Southwest Regional Partnership (SWP)  <b>Raymond Levey EGI, University of Utah</b></p>	<p>Appraisal and development of the Taq-Taq Field  <b>Chris Garland Addax Petroleum</b></p>	<p>16.30 – 17.00          Maximizing the Potential of the Digital Outcrop Revolution: The Automated Quantification of Fractured Carbonate Reservoir Analogues  <b>Dave Hunt StatoilHydro</b></p>
	<p><b>Close of conference</b></p>			