

PETEX 2008 Conference Schedule

Oral Presentations, Conference Centre - Olympia

Tuesday 25th November

AUDITORIUM

Keynote Addresses

10.00	Welcome – <i>Jim Munns, PETEX Chairman, Endeavour Energy UK Ltd</i>		
10.10	Opening Address – <i>Mike O'Brien, Energy Minister</i>		
10.30	<i>David Campbell, Director and Vice President for Renewal, BP North Sea</i>		
10.55	Viewpoint of a “New Start” – <i>Mark McAllister, Fairfield</i>		
11.20	Viewpoint of the “Service Sector” – <i>James McCallum, Senergy</i>		
11.45	Addressing the Challenges of Graduate Recruitment – <i>Deirdre O'Donnell, Working Smart</i>		
12.10	LUNCH		
	HALL 1	AUDITORIUM	HALL 2
	Exploration	Seismic Technology	Reservoir Management & Monitoring
14.00	Removing Jurassic cataracts – to see the Carboniferous source rock basins beneath <i>R. Milton-Worssell¹, A. McGrandle², F. Murphy², K. Smith³ & D. Cameron³</i> ¹ DECC, ² ARKEX, ³ BGS	Multi-azimuth sub-basalt imaging in the Tulipan area <i>V. Valler¹, C. Jones², R. Pedersen³, D. King¹, J. Fruehn¹, M. Smith¹ & M. Goodwin¹</i> ¹ GX Tech., ² BG Group, ³ BG Norge	Accurate reservoir modelling through optimized integration of geostatistical inversion and flow simulation. A North Sea case study <i>A. Castoro¹, L. de Groot², D. Forsyth², R. Maguire¹, R. Rijkers² & R. Webber¹</i> ¹ Fugro-Jason UK, ² GdF Production NL
14.25	3D seismic analysis and numerical modelling of large scale sandstone intrusions in the lower Paleogene of the North Sea <i>E. Szarawarska¹, M. Huuse¹, A. Hurst¹, W. de Boer², P. Rawlinsor² & G. Gislis³</i> ¹ Aberdeen Univ., ² Marathon Oil, ³ Physics of Geological Processes, Oslo	Applications of wide-azimuth seismic surveying for signal to noise enhancement and multiple suppression in N. W. Europe <i>R. Gareth Williams, R. Wombell & L. Twigger</i> CGGVeritas	Surveillance Strategies for Brownfield Monitoring and Reservoir Management on the Brent Field <i>V. Bhushan & R. Lee</i> Shell UK Ltd
14.50	DHI's and characterization of the 3D seismic Offshore Cyprus and Lebanon <i>Ø. Lie, C. Skiple & M. Trayfoot</i> Petroleum Geo-Services	Wide Azimuth Imaging ... Is there more to the story? <i>M. Thompson¹, L. Amundsen¹ & B. Arntsen²</i> ¹ StatoilHydro Research Center, ² NTNU	4D for deep burial and high pressure high temperature: Elgin-Franklin case <i>A. Grandi, S. De Gennaro, S. Wauquier, C. Deplante, I. Escobar, A. Onaisi, L. Ben-Brahim, R. Evans, O.-P. Hansen, G. Joffroy, V. Neillo, O. Rahmanov & C. Tindle</i> TOTAL
15.15	REFRESHMENT BREAK		
15.45	Where are those Lower Cretaceous Sands? Geobody detection in a depocentre <i>R. Milton-Worssell¹, G. Fisher², D. Cameron³, S. Stoker³, A. Avu² & H. Basford²</i> ¹ DECC, ² ffA, ³ BGS	Mining prestack gathers for poststack interpretation uncertainty – an investigation of the use of 3D X,Y, Offset attribute volumes and their maps on a North Sea field <i>J.D. Kerr</i> Halliburton	Correlations in well rate fluctuations used for reservoir monitoring: inferring conductive faults and fractures <i>K. Heffer¹, J. Greenough², I. Main², X. Zhang³ & N. Koutsabeloulis³</i> ¹ Reservoir Dynamics & Heriot Watt, ² Edinburgh Univ., ³ Schlumberger Reservoir GeoMechanics Center of Excellence
16.10	Fresh Ideas on the Stratigraphy of the Skagerrak Formation, CNS <i>B. Lees</i> Chemostrat	Beam migration for improved velocity model building and depth imaging in the Central North Sea <i>G. Roberts¹, C. Purcell¹, H. Debenham², R. Leggott¹, R. Wombell¹ & G. Williams¹</i> CGGVeritas, ² ex CGGVeritas, now Fugro	Novel modelling approach dramatically improves predictions of Armada Hub Condensate Production and Condensate Allocation <i>B. Moffatt & M. Fawcett</i> – Petrophase Ltd
16.35	Fresh Ideas on the Sedimentology of the Skagerrak Formation, CNS <i>N. Meadows</i> Redrock	Mixing Oil and Water: constraining space-time variation in water-layer sound speed using reprocessed seismic data <i>S. Jones & R. Hardy</i> - Trinity College Dublin	Downhole measurements of streaming potential for waterfront monitoring <i>M. Jackson, J. Saunders, J. Vinogradov, M. Jaafar & C. Pain</i> - Imperial College London
17.00	Close of Sessions		

Wednesday 26th November

Wednesday 26 th November		
HALL 1 Exploration	AUDITORIUM Seismic Technology	HALL 2 Reservoir Management & Monitoring
09.30 Using AVO for Exploration in the West of Shetlands <i>B. Paternoster¹, L. Ben Brahim², A. Gordon², T. Whitbread², F. Achilli¹, J-M. Urruty² & T. Younis²</i> ¹ TOTAL France, ² Total E&P UK Ltd	Noise Attenuation on Point receiver Land Acquisition <i>J. Faragher</i> ION-GXT	Permanent reservoir monitoring using 4C fiber-optic sensors in seabed cable <i>S. Pharez, S. Seth, B. Bunn, S. Maas, R. Tenhamn & T. Rekdal</i> PGS
09.55 The effect of flood basalts on hydrocarbon systems; case history Faroese Continental Shelf <i>H. Ziska, T. Varming & J. Ólavsdóttir</i> Jarðfeingi	The Road To Efficient Wide-Azimuth High-Density 3D Land Vibroseis Acquisition <i>J. Postel, J. Meunier & T. Bianchi</i> CGGVeritas	The future for time-lapse processing is in the depth domain <i>M. Thompson & A. Morton</i> StatoilHydro Research Centre
10.20 Novel uses of seismic data to reduce exploration uncertainty West of Ireland <i>R. Hardy¹, S. Jones¹, E. Querendez¹, F. Biancotto¹, K. Fernandes¹ & N. White²</i> ¹ Trinity College Dublin, ² Cambridge Univ.	Improved 4D seismic repeatability from Dynamic Spread Control - A case history from the Blake Field UKCS <i>S. McHugo¹, P. Ramsden¹, N. Woods¹, C. Jones², M. Millington² & A. Wilson²</i> ¹ WesternGeco, ² BG Group	Estimation of 4D anisotropy around the Elgin reservoir from 4D seismic time shifts and compaction considerations <i>K. Hawkins</i> CGGVeritas
10.45 REFRESHMENT BREAK		
HALL 1 Exploration	AUDITORIUM Seismic Technology	HALL 2 Carbon Capture & Storage
11.15 Integrated sand source directions, provenance and stratigraphy in the Faroe-Shetland Basin Palaeocene <i>P. Wellsbury¹, E. Hailwood¹, K. Wien¹ & A. Morton²</i> ¹ Fugro Robertson, ² HM Research Assoc.	A dual-sensor towed marine streamer cable: acquisition and processing <i>A. Day, W. Söllner, H. Tabti, T. Klüver & D. Carlson</i> PGS	The Business of Carbon Capture & Storage <i>I. Phillips</i> CO ₂ DeepStore
11.40 The Virtual Seismic Atlas Project – sharing the geological interpretation of seismic data <i>R. Butler¹, S. Clayton², W. McCaffrey³, E. Mortimer³, M. Sizer² & G. Stuart³</i> ¹ Aberdeen Univ., ² BHP Billiton, ³ Leeds Univ.	Robust deghosting of over/under data using noise statistics <i>A.K. Özdemir¹, A. Ozbeck², P. Caprioli¹, J. Robertsson² & E. Kragh²</i> ¹ WesternGeco Oslo Technology Center, ² Schlumberger Cambridge Research	The need for rapid deployment of CCS – a geoscience perspective <i>N. Riley</i> BGS
12.05 New frontiers in mature areas: the hydrocarbon potential of the Pre-Westphalian in the Netherlands on- and offshore <i>O. Abbink</i> TNO	Full azimuth seismic modelling at Heidrun <i>M. Houbiers¹, B. Arntsen¹, M. Thompson¹, E. Hager², G. Brown² & D. Hill²</i> ¹ StatoilHydro Research Center, ² WesternGeco	Monitoring geological storage site <i>H. Rohner, G. Picard, S. Saunier & L. Jammes</i> Schlumberger
12.30 LUNCH		
HALL 1 Field Studies / Case Histories	AUDITORIUM Seismic Technology	HALL 2 Integrated Technologies
14.00 The Topaz Field, UKCS Blocks 49/1a & 2a A Phased Approach to a Marginal Development <i>A. Norman & P. Jeffs</i> RWE Dea (UK)Ltd	Pre-Processing Considerations for Reverse Time Migration <i>I. Jones</i> ION GX Technology Corporation	Towards the next Generation of Gravity Measurement <i>N. Dyer, M. Davies & J. Lumley</i> ARKeX
14.25 How to keep alive an aging field with seismic technology and integrated studies: Alwyn Field case study <i>L. Ben-Brahim¹, P. Debec¹, C. Bachtanik¹, F. Joncour² & O. Rahmanov¹</i> ¹ Total E&P UK Ltd, ² TOTAL SA	Using a 3D PSDM Simulator to Facilitate Overburden and Survey Consistent Modelling of the 4D Seismic Response in the Norne Field, Offshore Norway <i>A. Drotning¹ & M. Branston²</i> ¹ NORSAR, ² NORSAR Innovation AS	Subsalt seismic image enhancement using multi-measurements in the Gulf of Mexico <i>T. Campbell¹, F. Snyder¹, X. Wu¹, S. Sandberg¹ & C. Campbell²</i> ¹ WesternGeco, ² Accel Services

14.50	Harding Central – Approaching Technical Limit On Recovery Factor <i>P. Zhang</i> BP, Aberdeen.	Deepwater seismic data collection and processing: A study from the 2006 Turkish Black Sea Kozlu 3D program <i>E. Palmer¹ & J. Bacon¹, A. Toygar², S. Uygur² & C. Menlikli²</i> ¹ WesternGeco, ² TPAO	Are there synergies among exploration techniques for exploration and reservoir characterization? <i>A. Ziolkowski & F. Engelmark</i> PGS
15.15	REFRESHMENT BREAK		
15.45	Upper Cretaceous to Paleogene Mass Transport Systems as expressed in the Wyandot Chalk, Offshore Nova Scotia <i>B.M.Smith, M.E. Deptuck, K. Kendall</i> Canada Nova Scotia Offshore Petroleum Board	Managing Uncertainty in the Reservoir Model <i>A. Francis</i> Earthworks	Seabed Logging as a fundamental exploration tool <i>O. Christensen¹, K. Engenes², J. Mohr² & A. Andersen¹</i> ¹ EMGS, ² Aker Exploration
16.10	Successful appraisal of a new play type – intra volcanic reservoirs of the Rosebank Field, West of Shetland - UK <i>D. Helland-Hansen</i> Chevron	Oseberg South PP-PS Joint Simultaneous (AVA) Inversion <i>M. Niebuda¹, R. v. Eykenhof¹, P. Mesdag¹ & J. Daniels²</i> ¹ Fugro-Jason AS, ² StatoilHydro	Successful transient EM survey in the North Sea at 100m water depth <i>A. Ziolkowski, D. Wright, G. Hall & C. Clarke</i> PGS
16.35	You Only Live Twice – The Dumbarton Re-Development <i>R. Reekie¹, N. Hart¹, A. McNally¹, R. Todd¹, L. Franoux¹, J. McAteer¹, E. Davies¹, E. Ferguson¹ & S. Rooksby²</i> ¹ Maersk, ² ex-Maersk, now Midmar Energy	Reservoir Connectivity Uncertainty from Stochastic Seismic Inversion <i>R. Moyaen & P.M. Doyen</i> CGGVeritas	Reservoir characterization through joint interpretation of EM, seismic and well log data <i>A. Greer¹, L. MacGregor¹ & P. Harris²</i> ¹ OHM Ltd, ² Rock Solid Images A/S
17.00	Close of Sessions		

Focus on the Future – Plenary Session

Thursday 27th November	
AUDITORIUM	
11.00	Challenges for meeting global oil demand – M. Daly, BP
11.25	Are we facing peak gas? – M. Brown, BG
11.50	New technology challenges – D. Smit, Shell
12.15	Carbon Capture & Storage – Lord Oxburgh
12.40	Panel Discussion on above topics
13.30	Close of Session

PETEX Social Events

Tuesday 25th November

Cocktail Party – starts at 17.00

This is held in Olympia 2, next to the exhibition hall and is open to all delegates.

Wednesday 26th November

Evening Excursion ('Pub Crawl') – 18.00 to late

This is free to all delegates but you must get your guide stamped by the appropriate exhibitors before the event starts. The guide is included in your delegate bag.

Wednesday 26th November

Post Graduate Student Lunch – 12.00 to 14.00

This is held in the Apex Room, National Hall.

Thursday 27th November

Exploration Managers Lunch

This event is by invitation only.

3D Viz Presentations, Gallery Level – National Hall Olympia

Tuesday 25th November

3D VIZ THEATRE

14.00	GeoVisionary: visualisation and interpretation of large datasets using a virtual field reconnaissance system <i>L. Bateson & B. Napier</i> - British Geological Survey Keyworth, Notts		
	14.30 – 15.10	15.10 – 15.50	15.50 – 16.30
	Vendor Presentation – Schlumberger, Petrel	Vendor Presentation – Platform, LSF	Vendor Presentation – JOA, Jewel Suite
16.30	Close of Session		

Wednesday 26th November

3D VIZ THEATRE

09.30	Better Reservoir Management Through 4D Visual Data Fusion <i>B. Lynch, G. Brew & J. Wheelwright</i> Dynamic Graphics Inc.		
10.10	Integration Of Electromagnetic Data (CSEM) With Conventional Seismic And Well Logs <i>P. Gabrielsen¹ & P. Hovdenak²</i> ¹ EMGS ASA, ² Blueback Reservoir AS		
10.50	REFRESHMENT BREAK		
11.10	Creating Earth Models Capable Of Supporting Mathematical Analyses: The Grids And Contours Required To Completely Define A Model <i>R. Walker¹, D. Griffiths¹, G. Roberts¹, B. Wells² & J. Leonard³</i> ¹ Bangor University, ² Conwy Valley Systems Limited, ³ Platte River Associates Inc.		
11.50	Petroleum Exploration In Southern Tajikistan Using Geovisionary Software For 3D Visualisation <i>L. Bateson¹, R. A. Ellison¹, A. J. Newell², J. Bow³ & R. Johnson Sabine⁴</i> ¹ British Geological Survey Keyworth Notts, ² British Geological Survey Wallingford Oxon, ³ British Geological Survey Edinburgh & ⁴ Tethys Services Ltd London		
12.30	LUNCH		
13.30	Improved asset management through network-centric visualization <i>Yoav Nir</i> - Barco		
14.00	GeoVisionary: visualisation and interpretation of large datasets using a virtual field reconnaissance system <i>L. Bateson & B. Napier</i> - British Geological Survey Keyworth, Notts		
14.30	PGS Pre-stack and post-stack merged 3D MegaSurvey volumes over the Central North Sea provide a clearer image of Palaeocene reservoirs at regional and field scale <i>T. Bird & C. Loader</i> - PGS RESERVOIR		
	15.10 – 15.50	15.50 – 16.30	
	Vendor Presentation – Platform, LSF	Vendor Presentation – dGB Earth Sciences, OpenTect	
16.30	Close of Session		

Thursday 27th November

3D VIZ THEATRE

09.30	Keynote Presentation <i>Rutger Gras</i> - Schlumberger Information Solutions		
10.10	PGS Pre-stack and post-stack merged 3D MegaSurvey volumes over the Central North Sea provide a clearer image of Palaeocene reservoirs at regional and field scale <i>T. Bird & C. Loader</i> PGS Reservoir		
10.50	REFRESHMENT BREAK		
11.10	3D Visualization Of The Egersund Basin <i>T. Sortemos¹, C.J. Lowrey¹ & M. Trayfoot^{1,2}</i> ¹ PGS Reservoir, Norway., ² Present Address: Svenska Petroleum, Norway		
11.50	3D Seismic Interpretation And Visualization Of Glaciogenic Structures In The Overburden Of The Southern North Sea Megasurvey <i>J. Moreau & M. Huuse</i> School of Geosciences, University of Aberdeen		
12.30	Improved asset management through network-centric visualization <i>Yoav Nir</i> - Barco		
13.00	Close of Session		

Posters, Gallery Level – National Hall Olympia

Available to view throughout show

(poster presentations scheduled Thursday 27th November)

27 Nov	Exploration	Seismic Technology	Interpretation & Other Technologies
09.30	Exploration Offshore Ireland (past, present and future) <i>K. Phillips</i> IHS	Using regularization to improve the repeatability of time-lapse seismic data <i>J. Burren, J. Brittan, M. Schonewille & E. Hodges</i> Petroleum Geo-Services	Reservoir fluids and matrix identification by using Acoustic measurement (DSI Log) in Clastic and Carbonate reservoirs Hendijan Field in Persian Gulf <i>B. Arbab¹ & M. Tadayon²</i> ¹ Iranian Offshore Oil Company, ² National Iranian Oil Company
09.50	MCS sections across the Mediterranean thrust belts and Cyrenaica foreland basin (Libya) <i>L. Mbida Yem, J. Mascle & A. Ribodetti</i> Geosciences Azur	Time domain radon demultiple in production processing of a large 3D dataset <i>D. Harrison-Fox & B.A. Mythen</i> Petroleum Geo-Services	Integrated sub-surface data management <i>N. O'Doherty¹, M. Rasheed¹ & D. Irving²</i> ¹ Teradata Corporation, ² Manchester Univ.
10.10	New Exploration Opportunities in the Eastern Mediterranean Region <i>D. Peace</i> PetroMed Corp	Wave height measurements and perturbation corrections for marine seismic data <i>R. Goto¹, E. Kraght², R. Laws², W.G. Morgan¹ & R. Phillips¹</i> ¹ WesternGeco, ² Schlumberger Cambridge Research	Steps towards a workflow driven Petrotechnical applications portfolio <i>M. Wilkes¹ & R. Grant²</i> ¹ BG Group, ² NDB Ltd
10.30	The Petroleum potential of Deep Offshore West Coast India from newly reprocessed seismic data <i>G. Roberts¹, K. Rutherford² & C. O'Brien³</i> ¹ Spectrum, ² Rutherford Exploration, ³ Geophysics International	The Impact of Cable-Free Operations – a Belize Case Study and Comparison <i>C. J. Criss, T. Fockler & S. Burkholder</i> Ascend Geo LLC	Workflow to Develop a Simplified Hydraulic Fracturing Model <i>H.V. Yee & S. Bt. Zainal</i> PETRONAS Research Sdn. Bhd.
10.50	Integrated Play-Prospect Assessment: Of The North Falkland Basin <i>K. Dittmers, P.A. Hole & C. Stabell</i> GeoKnowledge AS	Global 4-D Seismic Inversion for Improved Fluid Prediction <i>B. Roure, Y. Lafet & P.M. Doyen</i> CGGVeritas	Geoscience for GIS <i>A. Zolnai</i> Consultant Poster Withdrawn
11.10	BREAK		
11.30	The structural pattern, tectonic history and hydrocarbon potential of Derugin Basin (offshore Sakhalin, Sea of Okhotsk) <i>V. Verzhbitsky¹, E. Frantzen² & A. Little³</i> ¹ TGS-NOPEC Russian Federation, ² TGS-NOPEC Norway, ³ TGS Geological Products & Services Norway	Seismic multiples can be responsible for masking underlying data. A case study shows a remarkable example of hidden information revealed <i>J. DeWildt & R. Oldfield</i> Spectrum	Information Value Survey for E&P Companies in the UK; The Impact of Information Management on Business Performance <i>A. Pointing</i> Venture Information Management
11.50	A Novel Technology for Identifying Subsurface Rocks, Rock Sequences and Hydrocarbons <i>G. Stove, C. Stove & M. Robinson</i> ADROK Ltd	Case History of OBS Data PSDM Processing and Refine Frequency Enhancement <i>D. Woolmer¹, C. Benson¹ & R. Kerr²</i> ¹ Spectrum, ² Devon Energy	Creating earth models capable of supporting mathematical analyses: the grids and contours required to completely define a model <i>R. Walker¹, D. Griffiths¹, G. Roberts¹, B. Wells² & J. Leonard³</i> ¹ Bangor Univ., ² Conwy Valley Systems, ³ Platte River Assoc.
12.10	Forecasting Resource and Reserve Transformation: An Integrated Stochastic Modelling Framework <i>C. Stabell & P.A. Hole</i> GeoKnowledge AS	Pre-Stack Depth Migration on Regional 2D Seismic Surveys. A Cost and Time Effective Way of Optimising Structural Detail <i>D. Southward, R. Oldfield & C. Benson</i> Spectrum	Reservoir Characterization Using the Continuous-Wavelet Transform (CWT) Combined with the Self Organizing Map (SOM) <i>S. Quadfeul</i> USTHB-Algeria Poster Withdrawn
12.30	Evidence of hydrocarbon leakage through reservoir caprocks in the North Sea: Geochemical studies on caprock section of Valhall 2/8 – 8 <i>S. Abrakasa</i> Newcastle Univ.	Remote Visualization & Interaction on large 3D datasets <i>J. Krattli</i> GrooViz	Rock physics modelling for direct petrophysical seismic inversion <i>F. Allo¹, I. Machecler¹, T. Coléou¹, K. Gjerding², A.N. Haaland² & N. Skjef²</i> ¹ CGGVeritas, ² StatoilHydro