

Oral presentations

Tuesday 15 June

	ROOM 114	ROOM 115
	Seismic Data Processing 1 (EAGE) <i>J. Sunderland, D.J. Verschuur (Delft University of Technology)</i>	EM 1 (EAGE) <i>B.A. Farrelly (MultiField Geophysics AS), B.A. Hobbs (PGS EM)</i>
09:30	B001 Simultaneous Sources – Processing and Applications - <i>I. Moore* (WesternGeco)</i>	C001 Controlled-source Electromagnetic Modelling Studies – Utility of Auxiliary Potentials for Low-frequency Stabilization - <i>R. Streich* (GFZ German Research Centre for Geosciences), C. Schwarzbach (University of British Columbia), M. Becken (GFZ German Research Centre for Geosciences) & K. Spitzer (Freiberg University of Mining and Technology)</i>
09:55	B002 Iterative Method for the Separation of Blended Encoded Shot Records - <i>A. Mahdad* (Delft University of Technology) & G. Blacquièrè (Delft University of Technology)</i>	C002 Exploiting the Airwave for Land CSEM Reservoir Monitoring - <i>M. Wirianto* (Delft University of Technology), W.A. Mulder (Shell International E&P BV) & E.C. Slob (Delft University of Technology)</i>
10:20	B003 High Quality Separation of Simultaneous Sources by Sparse Inversion - <i>R.L. Abma* (BP America), T. Manning (BP), M. Tanis (BP America), J. Yu (BP America) & M. Foster (BP)</i>	C003 Using CSEM to Monitor the Production of a Complex 3D Gas Reservoir – A Synthetic Case Study - <i>D.L. Andreis* (OHMRSI) & L.M. MacGregor (OHMRSI)</i>
10:45	B004 Separation of Blended Impulsive Sources using an Iterative Approach - <i>P. Doulgeris* (Delft University of Technology), A. Mahdad (Delft University of Technology) & G. Blacquièrè (Delft University of Technology)</i>	C004 Fast-track Marine CSEM Processing and 3D Inversion - <i>J.P. Morten* (EMGS) & A.K. Bjerke (EMGS)</i>
11:10	Break	Break
11:30	B005 Signal-to-noise Estimates of Time-reverse Images - <i>B. Witten* (Spectraseis) & B. Artman (Spectraseis)</i>	C005 Comparison of Marine TEM and FEM Techniques – Offshore West Africa - <i>M. Watts* (WesternGeco) & G. Cairns (WesternGeco)</i>
11:55	B006 Multichannel Matching Pursuit for Seismic Trace Decomposition - <i>Y.H. Wang* (Imperial College London)</i>	C006 The Value of CSEM Data in Exploration - <i>A. Buland* (Statoil), L.O. Løseth (Statoil) & T. Røsten (Statoil)</i>
12:20	B007 Fast Sparse Time-frequency Decomposition - <i>A. Gholami* (University of Tehran), N. Amini (University of Tehran), H.R. Siahkoohi (University of Tehran) & A. Edalat (Pars Oil & Gas Co.)</i>	C007 Scalable Solutions for Nonlinear Inverse Uncertainty Using Model Reduction, Constraint Mapping, and Sparse Sampling - <i>M.J. Tompkins* (Schlumberger) & J. Fernandez Martinez (University of California, Berkeley)</i>
12:45	B008 Can Thin Beds Be Identified Through Statistical Phase Estimation? - <i>J.A. Edgar* (BG Group) & J.I. Selvage (BG Group)</i>	C008 Sensitivity Study of Multi-sources Receivers CSEM Data for TI-anisotropy Medium using 2.5D Forward and Inversion Algorithm - <i>A. Abubakar* (Schlumberger-Doll Research), J. Liu (Schlumberger-Doll Research), M. Li (Schlumberger-Doll Research), T.M. Habashy (Schlumberger-Doll Research) & K. MacLennan (Schlumberger-Doll Research)</i>
13:10	Break	Break
	Land Acquisition (EAGE) <i>K.R. Nunn, K.W. Mueller (ADCO)</i>	Migration Theory (EAGE) <i>L. Cazzola (Eni S.p.A. Exploration & Production), P.C. Sava (Colorado School of Mines)</i>
14:30	B009 High Productivity without Compromise – The Relationship between Productivity Quality and Vibroseis Group Size - <i>T. Dean* (WesternGeco), P. Kristiansen (WesternGeco) & P.L. Vermeer (WesternGeco)</i>	C009 Seismic Imaging with Multiple Scattering - <i>A.J. Berkhout* (Delft University of Technology) & D.J. Verschuur (Delft University of Technology)</i>
14:55	B010 On the Accuracy of Harmonic Estimation from Weighted-sum Ground Force - <i>V. C. Do* (WesternGeco) & C. Bagaini (Schlumberger Cambridge Research)</i>	C010 Angle-dependent Least-squares Imaging of Incoherent Wavefields - <i>D.J. Verschuur* (Delft University of Technology) & A.J. Berkhout (Delft University of Technology)</i>
15:20	B011 Deharmonics, a Method for Harmonic Noise Removal on Vibroseis Data - <i>F.D. Martin* (Repsol) & P.A. Munoz (Repsol)</i>	C011 Prestack Data Enhancement Using Local Traveltime Approximation - <i>V. Buzlukov* (Opera), R. Baina (Opera) & E. Landa (Opera)</i>
15:45	B012 Keeping the Data Quality of High Productivity Vibroseis Acquisitions Under Control - <i>C. Bagaini* (Schlumberger Cambridge Research)</i>	C012 3D Prestack Beam Migration with Compensation for Frequency Dependent Absorption and Dispersion - <i>Y. Xie* (CGGVeritas), C. Notfors (CGGVeritas), J. Sun (CGGVeritas), K. Xin (CGGVeritas), A. Biswal (Reliance Industries Ltd) & M. Balasubramaniam (Reliance Industries Ltd)</i>
16:10	Break	Break
16:30	B013 Harmonic Distortion Reduction of Seismic Vibrator Using Vibrator Control Electronics - <i>T.F. Phillips* (ION Geophysical)</i>	C013 Pure P-wave Propagators Versus Pseudo-acoustic Propagators for RTM in VTI Media - <i>X. Du* (WesternGeco), R.P. Fletcher (WesternGeco) & P.J. Fowler (WesternGeco)</i>
16:55	B014 What if I...? – The Use of Vibroseis 'Energy Tests' as an Aid in Parameter Choice - <i>P. Kristiansen* (WesternGeco), J. Quigley (WesternGeco), D. Holmes</i>	

cont.	(WesternGeco) & T. Dean (WesternGeco)	C014 Angle Gathers by Reverse-time Migration - M. Vyas* (WesternGeco), E. Mobley (WesternGeco), D. Nichols (WesternGeco) & J. Perdomo (WesternGeco)
17:20	B015 Low-frequency Generation Using Seismic Vibrators - G.J.M. Baeten* (Shell International E&P BV), A. Egreteau (CGGVeritas), J. Gibson (CGGVeritas), F. Lin (CGGVeritas), P. Maxwell (CGGVeritas) & J.J. Sallas (GeoMagic)	C015 Kirchhoff Beam Q Migration - J. Liu* (ExxonMobil Upstream Research Co.) & G. Palacharla (ExxonMobil Exploration Co.)
17:45	B016 Directive Geophone - M.A. Al-Jadani* (Saudi Aramco)	C016 Impact of TTI Anisotropy on Elastic and Acoustic Reverse Time Migration - R. Lu* (ExxonMobil Upstream Research Co.), P. Traynin (ExxonMobil Upstream Research Co.), J.E. Anderson (ExxonMobil Upstream Research Co.) & T. Dickens (ExxonMobil Upstream Research Co.)

Oral presentations

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	ROOM 116	ROOM 119
	Multi-Component (EAGE) <i>Y. El Ouair (Saudi Aramco), G.J. Beaudoin (BP America Inc.)</i>	Seismic Reservoir Characterization I (EAGE) <i>R.B. Derksen (Rohoel-Aufsuchungs AG), L.M. Barens (Total Exploration & Production Angola)</i>
09:30	D001 Up-down Deconvolution in the Presence of Subsurface Structure - <i>Y. Wang* (CGGVeritas), S. Grion (CGGVeritas) & R. Bale (CGGVeritas)</i>	F001 Quantitative Integration of Geology and Geophysics for Reservoir Modelling – A Case Study - <i>M.S. Sams* (Fugro-Jason), I. Millar (Premier Oil Vietnam Offshore), W. Satriawan (Premier Oil Vietnam Offshore), D. Saussus (Fugro-Jason) & S. Bhattacharyya (Fugro-Jason)</i>
09:55	D002 Efficient Elastic Wave-mode Separation in TTI Media - <i>J. Yan* (Colorado School of Mines) & P. Sava (Colorado School of Mines)</i>	F002 Characterization of Thin Turbiditic Sands in the Cantabrian Sea through Bandwidth Extension - <i>J.G. de Castilho (Repsol), A. Pérez Garcia (Repsol), V. Zucconi* (Repsol), H. Poore (Geotrace), J. Pierce (Geotrace) & J.H. Yu (Geotrace)</i>
10:20	D003 WAZ Mirror Imaging with Nodes for Reservoir Monitoring – Dalia Pilot Test - <i>D. Lecerf* (CGGVeritas), J.L. Boelle (Total), A. Lafram (CGGVeritas) & J. Cantillo (Total)</i>	F003 Geomodel Update Using 4-D Petrophysical Seismic Inversion on the Troll West Field - <i>K. Gjerding* (Statoil), N. Skjei (Statoil), A. Norenes Haaland (Statoil), I. Machecler (CGGVeritas Services) & T. Coléou (CGGVeritas Services)</i>
10:45	D004 High-precision Measurement of Split S-waves in OBS Data and its Application to Marine Slope Stability Assessment - <i>R. Haacke* (Royal Holloway University of London), R. Exley (Fugro Multi-Client Services) & G.K. Westbrook (University of Birmingham)</i>	F004 Integration of Seismic Data and Uncertainties in the Facies Model – Application to the Snorre Field - <i>P. Nivlet* (Statoil), S. Ng (Statoil), M.A. Hetle (Statoil), K.M. Børset (Statoil), A.B. Rustad (Statoil), P. Dahle (Norsk Regnesentral), R. Hauge (Norsk Regnesentral) & O. Kolbjørnsen (Norsk Regnesentral)</i>
11:10	Break	Break
11:30	D005 PP/PS PSDM, AVO and Joint Inversion Applied to a Virgin Exploration Area in the North Sea - <i>G. Ronholt* (CGGVeritas), Ø. Korsmo (CGGVeritas), H. Hoeber (CGGVeritas), A. Smith (CGGVeritas), P. Hughes (Wintershall Norge) & M. Øygaren (Wintershall Norge)</i>	F005 Ocean Bottom Seismic in the Oseberg South Area - <i>J. Dangerfield (Dangerfield AS), J. Daniels* (Statoil), P. Riste (Statoil), M. Skaug (Statoil) & V. Haugen (Statoil)</i>
11:55	D006 Extract Subsurface Density Information Using Converted Waves – Workflow and Case Study in the Gulf of Mexico - <i>K. Zou* (WesternGeco/Schlumberger) & A. Koesoemadinata (WesternGeco/Schlumberger)</i>	F006 Looking for Gas in All the Tight Places - <i>T.L. Davis* (Colorado School of Mines)</i>
12:20	D007 PP–PS Joint Inversion Applied to 2D–3C High Resolution Seismic Data – A Case of Junggar Basin, Northwest China - <i>Y.F. Dang (PetroChina Xinjiang), B. Lou (PetroChina Xinjiang), L. Shen* (CGGVeritas), X.G. Miao (CGGVeritas), P. Wang (CGGVeritas) & S.H. Zhang (CGGVeritas)</i>	F007 Volcanic Rock Estimation and Uncertainty Evaluation from Surface and Crosswell Seismic Data - <i>D. Grana* (Eni E&P) & C. D'Agosto (Eni E&P)</i>
12:45	D008 Simultaneous Inversion for Elastic Parameters Using PP- and PS-waves Jointly in the Ray Parameter Domain - <i>F. Zhang* (Imperial College London) & Y. Wang (Imperial College London)</i>	F008 Surface–subsurface Integration Reveals Faults in Gulf of Suez Oilfields - <i>A. Laake* (WesternGeco), M. Sheshen (WesternGeco), C. Strobbia (WesternGeco), L. Velasco (WesternGeco) & A. Cutts (WesternGeco)</i>
13:10	Break	Break
	Potential Fields - Theory (EAGE) <i>B.A. Farrelly (MultiField Geophysics AS), N. Bundalo (Marathon Oil Co.)</i>	Passive & Microseismic Methods (EAGE) <i>A. Jupe (Altcom Ltd), P. Paramo (BP)</i>
14:30	D009 A Comparison of Three Automatic Interpretation Techniques for Magnetic and Gravity Data - <i>D. Gerovska* (University of Edinburgh), M.J. Arauzo-Bravo (Max Planck Institute for Molecular Biomedicine) & K. Whaler (University of Edinburgh)</i>	F009 Joint Interpretation of Multiple Passive Seismic Data Volumes - <i>B.W. Artman (Spectraseis AG), A. Goertz* (Spectraseis AG), B. Schechinger (Spectraseis AG), P. Krajewski (GDF SUEZ E&P Deutschland GmbH) & M. Koerbe (GDF SUEZ E&P Deutschland GmbH)</i>
14:55	D010 3D Gravity Inversion of a Faulted Basement Relief Using the Total Variation Regularization - <i>C.M. Martins (Observatório Nacional), W.A. Lima (Universidade Federal do Pará), V.C.F. Barbosa* (Observatório Nacional) & J.B.C. Silva (Universidade Federal do Pará)</i>	F010 A Low Frequency Passive Seismic Array Experiment Over an Oilfield in Abu Dhabi – Implications for Hydrocarbon Detection - <i>M.Y. Ali (Petroleum Institute) & K. A. Berteussen* (Petroleum Institute)</i>
15:20	D011 A Modified Tilt–depth Method for Kimberlite Exploration - <i>G.R.J. Cooper* (University of Witwatersrand)</i>	F011 Signal–to–noise Study on a Low–frequency Passive Seismic Survey - <i>W. Yang* (Spectraseis AG), N. Riahi (Spectraseis AG) & M. Kelly (Spectraseis AG)</i>
15:45	D012 Interpretation of 2-D Gravity Data using 2-D Continuous Wavelet Transform - <i>F. Salajegheh* (Dana Geophysics/University of Tehran), A. Roshandel Kahoo (University of Tehran) & H.R. Siahkoochi (University of Tehran)</i>	F012 Automatic Survey Design for Passive Seismic Monitoring - <i>B. Khadhraoui* (Schlumberger Cambridge Research) & D.G. Raymer (Schlumberger Cambridge Research)</i>
16:10	Break	Break
16:30	D013 Exact Finitely Expanded Gravity Anomaly of Uniform Thin Polygonal Sheets - <i>H. Holstein*</i>	

cont.	<i>(Aberystwyth University) & C. Anastasiades (Aberystwyth University)</i>	F013 An Approach to Analyse Microseismic Event Similarity - <i>M. Scholze* (Free University of Berlin), K. Stürmer (Free University of Berlin), J. Kummerow (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>
16:55	D014 Analysing Full Tensor Gravity Data with Intuitive Imaging Techniques - <i>J.L. Dickinson* (Bell Geospace Ltd), C.A. Murphy (Bell Geospace Ltd) & J.W. Robinson (Bell Geospace Ltd)</i>	F014 Anisotropic Velocity Model Inversion for Imaging the Microseismic Cloud - <i>T. Mizuno* (Schlumberger), S. Leaney (Schlumberger) & G. Michaud (Schlumberger)</i>
17:20	D015 Potential Field Searchlights - <i>M. Dransfield* (Fugro Airborne Surveys)</i>	F015 Microseismic Sources in Anisotropic Media - <i>W.S. Leaney* (Schlumberger Oilfield Services) & C.H. Chapman (Schlumberger Cambridge Research)</i>
17:45	D016 Gravi-magnetic Anomalies of Uniform Thin Polygonal Sheets - <i>H. Holstein* (Aberystwyth University), D. Fitzgerald (Intrepid-Geophysics) & C. Anastasiades (Aberystwyth University)</i>	F016 Modelling Frequency-dependent Anisotropy Observations Made on Microseismic Data - <i>O. Al-Harrasi* (University of Bristol) & M. Kendall (University of Bristol)</i>

Oral presentations

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	ROOM 120	ROOM 122
	FWI & Modelling (EAGE) <i>C.S. Rapp (ExxonMobil Exploration Company), H. Calandra (Total)</i>	Rock Physics 1 (EAGE) <i>P.A.F. Christie (Schlumberger Cambridge Research), P.N.J. Rasolofosaon (Institut Français du Pétrole)</i>
09:30	G001 Randomized Dimensionality Reduction for Full-waveform Inversion - <i>F.J. Herrmann* (University of British Columbia)</i>	I001 Porous Medium Acoustics in the Presence of Viscous Boundary Layers - <i>T.M. Mueller* (CSIRO) & P.N. Sahay (CICESE)</i>
09:55	G002 Acoustic Multi-source Waveform Inversion with Deblurring - <i>G. Zhan (University of Utah), W. Dai (University of Utah), C. Boonyasiriwat (King Abdullah University of Science and Technology) & G.T. Schuster* (University of Utah)</i>	I002 Weakly Anisotropic Elastic Compliance - <i>L.A. Thomsen* (University of Houston/Delta Geophysics/LBNL)</i>
10:20	G003 2D Elastic Frequency-domain Full-waveform Seismic Inversion Using the Varying PML Approach - <i>A. Abubakar* (Schlumberger-Doll Research), T.M. Habashy (Schlumberger-Doll Research), Y. Lin (Schlumberger-Doll Research) & J. Liu (Schlumberger-Doll Research)</i>	I003 The Role of Shale Anisotropy in Reservoir Characterisation of Heterogeneous Sands - <i>P.A. Avseth* (Odin Petroleum) & R. Bachrach (Tel Aviv University)</i>
10:45	G004 Robust Frequency-domain Multi-parameter Elastic Full Waveform Inversion - <i>R. Brossier* (Joseph Fourier University), S. Operto (CNRS/University of Nice-Sophia-Antipolis/Géoazur) & J. Virieux (Joseph Fourier University)</i>	I004 Quartz Cementation During Mudstone Burial – Implications for Rock Property Development - <i>B. Thyberg* (University of Oslo) & J. Jahren (University of Oslo)</i>
11:10	Break	Break
11:30	G005 Extension of the Finite-difference Contrast-source Inversion Method to 3D Geometries - <i>A. Abubakar* (Schlumberger-Doll Research), T.M. Habashy (Schlumberger-Doll Research), M. Li (Schlumberger-Doll Research), G. Pan (Schlumberger-Doll Research), P.M. van den Berg (Delft University of Technology) & L. Zhang (Schlumberger-Doll Research)</i>	I005 Estimation of Carbonate Elastic Properties Using Nanoindentation and Digital Images - <i>O. de Paula* (Curtin University), M. Pervukhina (CSIRO Petroleum), B. Gurevich (Curtin University/CSIRO Petroleum), M. Lebedev (Curtin University), M. Martyniuk (University of Western Australia) & C. Delle Piane (CSIRO Petroleum)</i>
11:55	G006 A Helmholtz Iterative Solver without of Finite-difference Approximations - <i>D.A. Neklyudov* (Institute of Petroleum Geology & Geophysics SB RAS) & V.A. Tcheverda (Institute of Petroleum Geology & Geophysics SB RAS)</i>	I006 Bounds for Viscoelastic Properties of Heavy-oil Rocks - <i>D. Makarynska (Curtin University of Technology) & B. Gurevich* (Curtin University of Technology/CSIRO)</i>
12:20	G007 Seismic Modelling with the Discontinuous Galerkin Finite-element Method – Application to Complex 3D Elastic Media - <i>V. Etienne* (Géoazur), J. Virieux (LGIT) & S. Operto (Géoazur)</i>	I007 Joint Velocity-resistivity Effective Medium Models - <i>T. Han* (National Oceanography Centre Southampton), A. I. Best (National Oceanography Centre Southampton), L. MacGregor (OHM), J. Sothcott (National Oceanography Centre Southampton) & T.A. Minshull (National Oceanography Centre Southampton)</i>
12:45	G008 A Comparison of Finite-difference Grids for Anisotropic Elastic Modelling - <i>H. Bernth* (Schlumberger Cambridge Research) & C. Chapman (Schlumberger Cambridge Research)</i>	I008 Detection of Reservoir Sorting Characteristics from Seismic Data - <i>M.E. Glinsky* (CSIRO), J. Gunning (CSIRO), S.L. Bryant (University of Texas) & D.C. DeMartini (Lone Star Geophysical Consulting)</i>
13:10	Break	Break
	Seismic Data Processing 2 (EAGE) <i>D.J. Gajewski (University of Hamburg), A. Ozbek (Schlumberger Cambridge Research)</i>	Rock Physics 2 (EAGE) <i>M. Chapman (University of Edinburgh), S.A. Hall (CNRS)</i>
14:30	G009 Scale and Direction-guided Interpolation of Aliased Seismic Data in the Curvelet Domain - <i>M. Naghizadeh* (University of Alberta) & M. Sacchi (University of Alberta)</i>	I009 3D Microanalysis of Geological Samples with High-resolution Computed Tomography - <i>G. Zacher* (GE Sensing & Inspection Technologies), J. Luebbehusen (GE Sensing & Inspection Technologies), O. Brunke (GE Sensing & Inspection Technologies) & T. Mayer (GE Sensing & Inspection Technologies)</i>
14:55	G010 Four-dimensional f-k Interpolation of Wide Azimuth Towed Streamer Data - <i>M. Naghizadeh* (University of Calgary), O.K. Leirfall (Statoil ASA) & M.D. Sacchi (University of Alberta)</i>	I010 The Importance of Clay Behaviour for Geomechanical Modelling of Gas Production in Unconsolidated Reservoir Sands - <i>F.D.E. Cuisiat* (Norwegian Geotechnical Institute), L. Grande (Norwegian Geotechnical Institute) & H.P. Jostad (Norwegian Geotechnical Institute)</i>
15:20	G011 5D Interpolation of Seismic Data With a Least-squares Fourier Inversion - <i>S. Jin* (Shell Projects & Technology)</i>	I011 The Effect of Intra-reservoir Shales on Effective Stress Sensitivity - <i>Y. HajNasser* (Heriot-Watt University) & C. MacBeth (Heriot-Watt University)</i>
15:45	G012 Passive Interferometry of Deepwater Ocean Bottom Seismic Data - <i>P.J. Hatchell* (Shell) & K.J. Mehta (Shell)</i>	I012 Frequency and Fluid Effects in a Porous-cracked Rock – Experimental Investigations and Theoretical Predictions - <i>M.A. Adelinet* (Geology Laboratory of Ecole Normale Supérieure), J.F. Fortin (Geology Laboratory of Ecole Normale), Y.G. Guéguen (Geology Laboratory of Ecole Normale Supérieure) & A.S. Schubnel (Geology Laboratory of Ecole Normale Supérieure)</i>

16:10	Break	Break
16:30	G013 Event-driven Seismic Interferometry with Ambient Seismic Noise - <i>D. Draganov*</i> (Delft University of Technology), <i>X. Campman</i> (Shell International E&P BV), <i>J. Thorbecke</i> (Delft University of Technology), <i>A. Verdel</i> (Shell International E&P BV) & <i>K. Wapenaar</i> (Delft University of Technology)	I013 Exploring Trends in Microcrack Properties of Shales Using Stress Dependencies of Ultrasonic Velocities - <i>M. Pervukhina*</i> (CSIRO), <i>B. Gurevich</i> (Curtin University of Technology/CSIRO) & <i>P. Golodoniuc</i> (Curtin University of Technology/CSIRO)
16:55	G014 Kirchhoff-Helmholtz Representation for Interferometry and Virtual Reflectors in Acoustic Media - <i>F. Poletto*</i> (OGS), <i>K. Wapenaar</i> (Delft University of Technology) & <i>C. Bellezza</i> (OGS)	I014 Microcracks Induced During Dilatancy and Compaction in a Porous Oolitic Carbonate Rock - <i>J. Fortin*</i> (Geology Laboratory of Ecole Normale), <i>S. Stanchits</i> (GeoForschungsZentrum Potsdam), <i>G. Dresen</i> (GeoForschungsZentrum Potsdam) & <i>Y. Gueguen</i> (Geology Laboratory of Ecole Normale Supérieure)
17:20	G015 3D Seismic Imaging over Two Structurally Complex Surveys in TAL, Pakistan - <i>V. Dolgov*</i> (Thrust Belt Imaging), <i>R.W. Vestrum</i> (Thrust Belt Imaging), <i>G. Wittmann</i> (MOL Hungarian Oil and Gas) & <i>J.M. Gittins</i> (Thrust Belt Imaging)	I015 Frequency and Pressure Effects on Fluid Substitution in High Porosity Reservoir Sandstones - <i>A.I. Best*</i> (National Oceanography Centre Southampton) & <i>J. Sothcott</i> (National Oceanography Centre Southampton)
17:45	G016 Improved Sub-basalt Structural Imaging in the Faroe-Shetland Basin Using Full Sequence Migration Multi-velocity Analysis - <i>A.J. Hardwick*</i> (TGS), <i>T.C. Travis</i> (TGS), <i>S.V. Stokes</i> (TGS) & <i>B. Baumbach</i> (TGS)	I016 Vp-Vs Relationship of Glauconitic Greensand - <i>Z. Hossain*</i> (Technical University of Denmark), <i>T. Mukerji</i> (Stanford University) & <i>I.L. Fabricius</i> (Technical University of Denmark)

Oral presentations

Tuesday 15 June

	ROOM 123	ROOM 124
	Outcrop Analogue Description & Modelling (EAGE) <i>C. Signer (Schlumberger), P. Arbues (University of Barcelona)</i>	Case Studies / Exploration & Field Development (EAGE) <i>L. Aleotti (Eni S.p.A. Exploration & Production), E. Alvarez-de-Buergo (Repsol)</i>
09:30	JO01 3D Reservoir Model of the Maiella Anticline (Central Apennines, Italy) – Validation of Different Modeling Approaches - <i>R. Di Cuia* (GEPlan Consulting), A. Riva (GEPlan Consulting) & C. Turrini (CT Geological Consulting)</i>	K001 An Acquisition Model for an Interim Life of Field Seismic Project at the Azeri-Chirag-Gunashli Field in the Caspian Sea - <i>R. Seaborne* (BP), D.J. Howe (BP), W. Slopey (BP) & A. Talibov (BP)</i>
09:55	JO02 A Comparison of Facies Modelling Strategies in Fan-delta Reservoir Analogues, Sant Llorenç del Munt, Eocene, NE Spain - <i>P. Cabello* (University of Barcelona), O. Falivene (Shell International E&P BV), M. López-Blanco (University of Barcelona), J.A. Howell (University of Bergen), P. Arbués (University of Barcelona) & E. Ramos (University of Barcelona)</i>	K002 Implementing the Long Term Seismic Strategy for the Azeri-Chirag-Gunashli Field, South Caspian Sea, Azerbaijan - <i>N.D. Robinson* (BP), M.C. Riviere (BP), K. Tough (BP) & P.A. Watson (BP)</i>
10:20	JO03 3D Analysis of Fracture Patterns Affecting an Outcropping Anticline – Inferences for Similar Buried Reservoirs - <i>G. Bertotti* (VU University Amsterdam), H. Boro (VU University Amsterdam), J. van der Vaart (VU University Amsterdam) & S.M. Luthi (Delft University of Technology)</i>	K003 Improvements in 3D Imaging over the Azeri-Chirag-Gunashli Field, South Caspian Sea, Azerbaijan - <i>K. Tough* (BP), M.C. Riviere (BP), N.D. Robinson (BP) & P.A. Watson (BP)</i>
10:45	JO04 On- and Offshore Deep Weathered Basement Rocks, Norway - <i>M. Broenner* (Geological Survey of Norway), D. Bering (Norwegian Petroleum Directorate), E. Dalsegg (Geological Survey of Norway), K. Fabian (Geological Survey of Norway), O. Fredin (Geological Survey of Norway), B. Hendriks (Geological Survey of Norway), C. Magnus (Norwegian Petroleum Directorate), T. Møller (Geological Survey of Norway), O. Olesen (Geological Survey of Norway), J.S. Rønning (Geological Survey of Norway), T. Solbakk (Norwegian Petroleum Directorate) & J.A. Øverland (Norwegian Petroleum Directorate)</i>	K004 4D Seismic Surveillance over the Azeri-Chirag-Gunashli Field, South Caspian Sea, Azerbaijan - <i>M.C. Riviere* (BP), N.D. Robinson (BP), K. Tough (BP) & P.A. Watson (BP)</i>
11:10	Break	Break
11:30	JO05 Mechanical Modelling of Fault Propagation Through Mechanically Layered Sequences – Implications for Fault Zone Complexity - <i>M. J. Welch* (Rock Deformation Research Ltd), R.K. Davies (RDR USA), R.J. Knipe (Rock Deformation Research Ltd), C. Tueckmantel (Rock Deformation Research Ltd), V. O'Connor (Rock Deformation Research Ltd) & H. Lickorish (Rock Deformation Research Ltd)</i>	K005 Is Your Prospect Sealed – From a Geophysical and Pore Pressure Perspective - <i>J.H. Yu* (Geotrace) & M. Pattorf (Geotrace)</i>
11:55	JO06 Digital Characterization of an Aptian Carbonate Platform Margin from the Western Maestrat Basin (E Iberia) - <i>T. Bover-Arnal* (University of Bayreuth), O. Gratacós (Institut de Recerca Geomodels), D. García-Sellés (University of Barcelona), O. Falivene (Shell Projects and Technology), R. Salas (University of Barcelona), J.A. Munoz (University of Barcelona) & P. Cabello (University of Barcelona)</i>	K006 Integrating Seismic & Potential Field Data in Hydrocarbon Prospectivity Assessment – Pantelleria Region Offshore Sicily - <i>S.J. Coomber* (ARKeX Ltd), J. Field (Northern Petroleum Plc) & D. Harrison (Northern Petroleum Plc)</i>
12:20	JO08 Geological Mapping and Structural Interpretation Using a Virtual Outcrop Digitiser, Examples from the Zagros (Iran) - <i>E. Casciello* (Institute of Earth Sciences Jaume Almera), J.B. Thurmond (Statoil/Research Center, Bergen), N. Fernandez (Institute of Earth Sciences Jaume Almera), E. Saura (Institute of Earth Sciences Jaume Almera), I. Romaine (Institute of Earth Sciences Jaume Almera), J. Vergés (Institute of Earth Sciences Jaume Almera) & D.W. Hunt (Statoil/Research Center, Bergen)</i>	K007 Exploration Challenges in the Valencia Trough, Offshore Spain – The Lubina and Montanazo Discoveries - <i>H.C. Matias* (Repsol), J. Vila Pont (Repsol), J.J. Martin Banon (Repsol), L.R. Arnez Espinosa (Repsol), J. Loza Peirano (Repsol) & C. Bertoni (Repsol)</i>
12:45		K008 Unlocking Resources in Mature Basins Using Seismic Technology - <i>L. Ben-Brahim* (Total E&P UK Ltd), F. Cailly (Total E&P UK Ltd), M.P. Duval-Valentin (Total E&P UK Ltd), J. Guerra (Total E&P UK Ltd), M. Rowlands (Total E&P UK Ltd) & K. Patel (Total E&P UK Ltd)</i>
13:10		Break
	Sedimentology and Structural Geology (EAGE) <i>L. Cabrera (Repsol), J.A. Munoz (University of Barcelona)</i>	CO2 Sequestration (EAGE) <i>O. Eiken (Statoil)</i>
14:30	JO09 Structure and Kinematics of the Ramada High, West Berkine Basin, Algeria - <i>G. Zamora* (Repsol), M. González (Repsol) & A. Roviello (Repsol)</i>	K009 4D Joint Pre-stack Seismic Stratigraphic Inversion of the Sleipner-CO2 Case - <i>N. Delepine* (IFP), K. Labat (IFP), V. Clochard (IFP), P. Ricarte (IFP) & C. Le Bras (IFP)</i>
14:55	JO10 Messinian Facies and Oligo-Miocene Slumping in	

cont.	Offshore Sirt Basin Libya and Sub-Messinian Seismic Imaging - <i>T. Sabato Ceraldi* (BP), H.M. Ali (BP), T. Green (BP), K. Benjamin (BP), M. Bourne (BP), M. Kamel (BP), J. Alexander (BP), K. Coterill (BP), A. Poole (BP) & A. Fraser (BP)</i>	K010 Data-driven Quantitative Analysis of the CO2 Plume Extension from 4D Seismic Monitoring in Sleipner - <i>N. Dubos-Sallée (IFP) & P.N.J. Rasolofosaon* (IFP)</i>
15:20	JO11 Meso- to Cenozoic Sequence Stratigraphy of the Tarfaya Basin, Morocco - <i>A. Wenke* (GeoResources at University of Heidelberg), R. Zühlke (GeoResources at University of Heidelberg), L. Boutib (ONHYM), H. Jabour (ONHYM), O. Kluth (RWE Dea) & J. Schober (RWE Dea)</i>	K011 Passive Seismic Monitoring of CO2 Storage at Weyburn - <i>J.P. Verdon* (University of Bristol), D.J. White (Geological Survey of Canada), J.M. Kendall (University of Bristol), D.A. Angus (University of Leeds), Q.J. Fisher (University of Leeds) & T. Urbancic (Engineering Seismology Group Canada)</i>
15:45	JO13 Integrating 3D Seismic Data and 2D Geomechanically Balanced Restoration, Teak Field, Trinidad and Tobago - <i>X. Legrand* (Repsol)</i>	K012 Seismic Monitoring in the Framework of the Pilot Project CLEAN - <i>L. Houpf* (Free University of Berlin), S. Buske (Free University of Berlin), R. Giese (Helmholtz Centre Potsdam) & M. Bock (Helmholtz Centre Potsdam)</i>
16:10	Break	Break
16:30	JO14 Structural Geometry of Late Jurassic Syn-rift Basins - <i>R.Z. Saddique* (University of Leeds) & R. Collier (University of Leeds)</i>	K013 Quantitative Seismic Monitoring of CO2 at Sleipner Using 2D Full-waveform Inversion in the Time-lapse Mode - <i>M. Queisser (Institute of Geophysics of Paris) & S.C. Singh* (Institute of Geophysics of Paris)</i>
16:55	JO15 Outcrops with Seismic-scale Geometries – An Aptian Example from the Western Maestrat Basin, E Iberia - <i>T. Bover-Arnal* (University of Bayreuth) & R. Salas (University of Barcelona)</i>	K014 From Surface Deformation to Permeability – A Case Study - <i>A. Rucchi* (Polytechnic University of Milan), A. Ferretti (Tele-Rilevamento Europa T.R.E. s.r.l.), F. Novali (Tele-Rilevamento Europa T.R.E. s.r.l.) & D.W. Vasco (Lawrence Berkeley National Lab)</i>
17:20	JO16 Late Cretaceous to Present Protracted Convergence between Arabia and Iran - <i>J. Vergés* (Institute of Earth Sciences Jaume Almera), E. Saura (Institute of Earth Sciences Jaume Almera), E. Casciello (Institute of Earth Sciences Jaume Almera), M. Fernández (Institute of Earth Sciences Jaume Almera), I. Jiménez-Munt (Institute of Earth Sciences Jaume Almera), D. Garcia-Castellanos (Institute of Earth Sciences Jaume Almera), S. Homke (Statoil), D. Hunt (Statoil) & I. Sharp (Statoil)</i>	K015 Mineral Sequestration of Naturally Occurring CO2 in Rankin Trend Gases, Carnarvon Basin, Australia - <i>E. Tenthorey* (CO2CRC/Geoscience Australia), C. Boreham (CO2CRC/Geoscience Australia), A. Hortle (CO2CRC/CSIRO) & J. Underschultz (CO2CRC/CSIRO)</i>
17:45		K016 Effect of Mixing on Acid Gas Sequestration Processes - <i>A. Lukyanov* (Schlumberger), A. Garipova (Schlumberger), A. Priestley (Schlumberger) & S. Hurter (Schlumberger)</i>

Oral presentations

Tuesday 15 June

	ROOM 125	ROOM 127/128
	Updating Reservoir Models (EAGE/Europec) <i>T.T. Blekastad (Statoil), J. Brint (Shell International Exploration & Production BV)</i>	Time Lapse Case Studies (EAGE) <i>J. van Gestel (BP Norge AS), I. Escobar (Maersk Oil & Gas AS)</i>
09:30	L001 Probabilistic Seismic Inversion of a West of Shetlands Deepwater Turbidite Field - <i>M. Floricich (Shell UK Ltd), G. Jenkins* (Shell UK Ltd), D. McComirck (Shell UK Ltd), J. Copp (Shell UK Ltd), K. Martin (BP Exploration Operating Co. Ltd), P. Allan (BP Exploration Operating Co. Ltd), S. Day (BP Exploration Operating Co. Ltd), J. Fletcher (BP Exploration Operating Co. Ltd), C. Macdonald (BP Exploration Operating Co. Ltd), A. Mannini (Hess Services (UK) Ltd), R. Gilham (Hess Services (UK) Ltd) & F. Boundy (Hess Services (UK) Ltd)</i>	M001 New Opportunities from 4D Seismic and Lithology Prediction at Ringhorne Field, Norwegian North Sea - <i>D. H. Johnston* (ExxonMobil Production Co.), U. Tiwari (ExxonMobil Exploration Co.) & B.P. Laugier (ExxonMobil E&P Norge)</i>
09:55	L002 Experience of West Siberia Oil Fields – Accurate Methods of Reserves Localization in Reservoir Modelling - <i>A.B. Starostin* (Roxar) & E.S. Makarova (Roxar)</i>	M002 Ekofisk Time-lapse Seismic – A Story of Continuous Improvement - <i>H. Haugvaldstad (ConocoPhillips), B. Lyngnes (ConocoPhillips), P.J. Smith* (WesternGeco) & A.I. Thompson (WesternGeco)</i>
10:20	L003 Using Time Domain Seismic Data for History Matching Processes - <i>E. Tillier* (IFP), M. Le Ravalec (IFP) & F. Roggero (IFP)</i>	M003 Seismic Monitoring of an Old Underground Blow-out – 20 Years Later - <i>M. Landro* (NTNU), M. Thompson (Statoil), A.S. Pedersen (Statoil) & L. Amundsen (Statoil)</i>
10:45	L004 Observation Sensitivity in Computer-assisted History Matching - <i>M.V. Krymskaya* (Delft University of Technology), R.G. Hanea (TNO/Delft University of Technology), J.D. Jansen (Delft University of Technology/Shell International E&P BV) & A.W. Heemink (Delft University of Technology)</i>	M004 4D Case Study in the Deep Water Gulf of Mexico – Hoover, Madison and Marshall - <i>M.B. Helgerud* (ExxonMobil Exploration Co.), D.H. Johnston (ExxonMobil Exploration Co.), B.G. Jardine (ExxonMobil Production Co.), M. Udoh (ExxonMobil Production Co.), N. Aubuchon (ExxonMobil Production Co.) & C. Harris (ExxonMobil Production Co.)</i>
11:10	Break	Break
11:30	L005 A New Method to Improve Convergence Rates with Seismic History Matching (SPE-131545) - <i>K. Stephen* (Heriot-Watt University) & S. Arwini (Heriot-Watt University)</i>	M005 4D Fast Track Advanced Interpretation on Dalia Field, Block 17, Angola - <i>E. Brechet* (Total), H. Jorge (Total), P. Turpin (Total) & S. Maultzsch (Total)</i>
11:55	L006 Simulation Workflow Development – Capturing Formation Damage Aspects during a Field's Production Lifetime (SPE-131195) - <i>H. Dahle Smith* (Britannia Operator), F. Wahid (Schlumberger) & S. Ducroux (Schlumberger)</i>	M006 4D Seismic in Deep Water at the Dikanza Field, Offshore Angola, West Africa - <i>P.C. Mitchell* (ExxonMobil Exploration Co.), R.H. Paez (ExxonMobil Exploration Co.), D.H. Johnston (ExxonMobil Production Co.), G.D. Mohler (ExxonMobil Exploration Co.) & C.C. Neto (Sonangol)</i>
12:20	L007 How to Propagate Petrophysical Properties in a Fracture Network for Naturally Fractured Carbonate Reservoirs – Case Study – Cretaceous Formation at Maracaibo Lake, Venezuela (SPE-130745) - <i>R. Soto Becerra* (Digitoil), S. Perez (PDVSA), C. Martin Hidalgo (PDVSA) & D. Arteaga (PDVSA)</i>	M007 High Resolution Timelapse Imaging – Salt Creek Case Study - <i>J O'Brien* (Anadarko Petroleum Corp.), J. Moran (Anadarko Petroleum Corp.), G. Wilburn (Anadarko Petroleum Corp.), S. Morris (Anadarko Petroleum Corp.), J. Andersen (Anadarko Petroleum Corp.) & O. Quezada (Spectraseis)</i>
12:45	L008 Iterative History Matching Technique for Estimating Reservoir Parameters from Seismic Data (SPE-131617) - <i>R. Souza* (Unicamp), A. Machado (Unicamp) & D. Schiozer (Unicamp)</i>	M008 Towards Quantitative Evaluation of Gas Injection using Time-lapse Seismic - <i>R. Falahat* (Heriot-Watt University), A. Shams (Heriot-Watt University) & C. MacBeth (Heriot-Watt University)</i>
13:10	Break	Break
	Reservoir Monitoring and Management (EAGE/Europec) <i>L. Sonneland (Schlumberger), O.R. Gosselin (Total)</i>	Reservoir Characterisation (EAGE) <i>H.H. Veire (Statoil), T. Coleou (CGGVeritas Services)</i>
14:30	L009 Business Impact of Frequent Time-lapse Observations Around Valhall Water Injection Well - <i>J. van Gestel* (BP Norge), G. Tjetland (BP Norge), M.J. Parikh (BP Norge), J.H. Kommedal (BP Norge) & O.I. Barkved (BP Norge)</i>	M009 3D Geological and Seismic Modelling for Reservoir Characterization Workflow Optimization - <i>S. Bardini* (Eni E&P), D. Grana (Eni E&P), F. Maffioletti (Eni E&P), E. Paparozzi (Eni E&P), L. Ruvo (Eni E&P), C. Sala (Eni E&P) & C. Tarchiani (Eni E&P)</i>
14:55	L010 Experiences on Seafloor Gravimetric and Subsidence Monitoring Above Producing Reservoirs - <i>H. Alnes* (Statoil), T. Stenvold (Statoil) & O. Eiken (Statoil)</i>	M010 Application of Distance Based Random Field Models to History Match a North Sea Field - <i>D. Kachuma* (Total E&P UK Ltd)</i>
15:20	L011 4D Seismic Benefits to Development Drilling at Enfield – North–West Shelf – Australia - <i>G.P. Thomas* (Woodside Energy Ltd) & M. Smith (Woodside Energy Ltd)</i>	M011 Bilondo Oil Field – How To Deal with Sand Injections? Static and Dynamic Evidence, Modelling and Consequences - <i>A. Mazeraud* (Total E&P Congo), B. Carbonnier (Total E&P Congo), Y. Painchaud (Total E&P Congo), J.F. Poilpre (Total E&P Congo), P. Ferrand (Total E&P Congo) & M. Bourgeois (Total)</i>
15:45	L012 Norne 4D and Reservoir Management – The Keys to Success - <i>B. Osdal* (Statoil) & T. Alsos (Statoil)</i>	M012 High Permeability Zones and Their Impact in Reservoir Model Simulation, Postle Field, Texas County, Oklahoma - <i>C. Lopez* (Colorado School of Mines) & T. Davis (Colorado School of Mines)</i>
16:10	Break	Break

16:30	L013 Production-induced Stress Change in and above a Reservoir Pierced by Two Salt Domes – Geomechanical Modeling and its Applications (SPE-131590) - <i>H. Mahani* (Shell), J. Snippe (Shell) & P. Schutjens (Shell)</i>	M013 Predicting Net Pay by Pushing the Boundaries of Seismic and Rock Properties in Complex Lithologies Offshore Angola - <i>J.J. Doorenbos* (BP)</i>
16:55	L014 High-resolution Images and Formation Evaluation in Slim Holes from a New Logging-while-drilling Azimuthal Laterolog Device (SPE-131513) - <i>L. Ortenzi* (Schlumberger), M. Allouche (Schlumberger), I. Dubourg (Schlumberger), S. Chow (Schlumberger) & R. Os (Schlumberger)</i>	M014 West Athabasca Grand Rapids Formation – A New SAGD Play - <i>M. E. Connelly* (Laricina Energy Ltd) & L.M. Weston Bellman (Oil Sands Imaging)</i>
17:20	L015 Coupled Geomechanical and Micro-seismical Modeling of Secondary Faults (SPE-123383) - <i>A. Fouladvand* (IFP), P. Bernard (University of Paris), A. Baroni (IFP), L. Cangemi (IFP) & J.P. Deflandre (IFP)</i>	M015 3D Oil Sands Reservoir Characterization for Exploration, Development and Monitoring - <i>L. M. Weston Bellman* (Oil Sands Imaging)</i>
17:45	L016 Integration of Static and Dynamic Data to Investigate Interwell Communication – The Case of Module II of Espadarte Field, Campos Basin, Brazil (SPE-131569) - <i>P.R. Pires* (Petrobras), E. Lira (Petrobras), A. Costa (Petrobras), F. Souza (Schlumberger) & E. Benjamim Jr. (Schlumberger)</i>	M016 Reservoir Characterization Using a Streamline-assisted Ensemble Kalman Filter - <i>S.P. Jung (Korea National Oil Corp.), M.J. Yeo (Seoul National University), H. Shin (Suncor Energy Inc.), W. Bae (Sejong University) & J. Choe* (Seoul National University)</i>

Oral presentations

Tuesday 15 June

ROOM 118

Acid Gas Sequestration / Sustainable Development
(Europec)

T. Clemens (OMV E&P GmbH), D.R. Perez (Schlumberger Overseas)

- 09:30 **E001** Evaluation of Petrophysical Properties of a Carbonate-rich Caprock for CO₂ Geological Storage Purposes (SPE - 131525) - *D. Broseta* (University of Pau), N. Tonnet (University of Pau), G. Mouronval (Total), P. Chiquet (Total) & J. Hy-Billot (Total)*
- 09:55 **E002** Capillary Trapping in Carbonate Rocks (SPE-130720) - *S. Iglauer* (Caltech), C. Lamy (ESPCI), C. Pentland (Imperial College London), M. Blunt (Imperial College London) & G. Maitland (Imperial College London)*
- 10:20 **E003** Hydrate Formation – Considering the Effects of Pressure Temperature Composition and Water (SPE-131663) - *J. Rajnauth* (Texas A&M University), M.A. Barrufet (Texas A&M University) & G. Falcone (Texas A&M University)*
- 10:45 **E004** Development and Sustainability of a Small Gas Based Economy (SPE - 131596) - *C. Boodoo* (TSTT)*
- 11:10 Break
- 11:30 **E005** Potential and Early Opportunity-analysis on CO₂ Geo-sequestration in China (SPE-130358) - *Z. Xuan* (CUPB) & C. Zhang (SLGC)*
- 11:55 **E006** Enhanced Gas Recovery – Challenges Shown at the Example of Three Gas Fields (SPE-130151) - *T. Clemens* (OMV), S. Secklehner (OMV), K. Mantatzis (OMV) & B. Jacobs (OMV)*
- 12:20 **E007** Static and Dynamic Estimates of CO₂ Storage Capacity in Saline Formations (SPE - 131609) - *M. Jin* (Heriot-Watt University), E. Mackay (Heriot-Watt University), G. Pickup (Heriot-Watt University), A. Monaghan (BGS) & M. Naylor (University of Calgary)*
- 12:45 **E008** Water/CO₂ system at High Pressure and Temperature Conditions – Measurement and Modeling of Density in Equilibrium Liquid and Vapor Phases (SPE-131636) - *F. Tabasinejad* (University of Calgary), Y. Barzin (University of Calgary), R. Moore (University of Calgary), S. Mehta (University of Calgary), K. Van Fraassen (University of Calgary), J. Rushing (Anadarko) & K. Newsham (Apache)*
- 13:10 Break
- IOR Strategies 1 (Europec)
T. Clemens (OMV E&P GmbH), M. Brignoli (ENI S.p.A. - E&P Division)
- 14:30 **E009** Improved Oil Recovery in Chalk – Wettability Alteration or Something Else? (SPE-131300) - *A. Zahid* (Technical University of Denmark), E. Stenby (Technical University of Denmark) & A. Shapiro (Technical University of Denmark)*
- 14:55 **E010** Effects of Oil Compressibility on Production Performance of Fractured Reservoirs Evaluated by Streamline Dual-porosity Simulation (SPE-130397) - *S. Tanaka* (Waseda University), N. Arihara (Waseda University) & M. Al-Marhoun (KFUPM)*
- 15:20 **E011** A Review on Utilization of Crosslinked Polymer Gels for Improving Heavy Oil Recovery in Turkey (SPE - 131267) - *N. Topguder* (TPAO)*
- 15:45 **E012** Effect of Gas Type on Foam Film Permeability and its Implications for Foam Flow in Porous Media (SPE-131297) - *R. Farajzadeh* (Delft University of Technology), R.M. Muruganathan (Aragon Lab), R. Krastev (NMI) & W. Rossen (Delft University of Technology)*
- 16:10 Break
- 16:30 **E013** Modelling Multiple-contact Condensation of Heat-transporting Fluids in Thermal Floods (SPE-130568) - *K. Lawal* (Imperial College London) & V. Vesovic (Imperial*

cont.	<i>College London)</i>
16:55	E014 Wettability Alteration During Water Flooding and Carbon Dioxide Flooding of Reservoir Chalk Rocks (SPE-130992) - <i>I. Fjelde*</i> (IRIS) & <i>S.M. Asen</i> (IRIS)
17:20	E015 Phase Behavior of Steam with Solvent Co-injection under Steam Assisted Gravity Drainage (SAGD) Process (SPE-130807) - <i>W. Li*</i> (Texas A&M University) & <i>D. Mamora</i> (Texas A&M University)
17:45	E016 Alkyl Polyglycoside/1-Naphthol Formulations with Ultra-low Interfacial Tensions against n-Octane for Enhanced Oil Recovery (SPE-130404) - <i>Y. Tang*</i> (Caltech), <i>Y. Wu</i> (MST), <i>P. Shuler</i> (ChemEOR) & <i>W. Goddard</i> (Caltech)

Oral presentations

Wednesday 16 June

	ROOM 113	ROOM 114
	FWI - Albert Tarantola Memorial Session (EAGE) <i>E. Landa (Opera -Applied Geophysical Research Group), A.L. Pica (CGGVeritas Services)</i>	Seismic Noise & Multiple Attenuation (EAGE) <i>J. Paffenholz (Fairfield Nodal), B. El Marhoul (Saudi Aramco)</i>
09:30	A017 Geologically Constrained Full Waveform Inversion – Theory - <i>A. Guittou* (Geolmaging Solutions Inc.), F. Ortigosa (Repsol) & G. Gonzales (Repsol)</i>	B017 Field Data Results of Elimination of Free-surface-related Events for Marine Over/Under Streamer Data - <i>M. Majdanski* (Schlumberger Cambridge Research), C. Kostov (Schlumberger Moscow Research), E. Kragh (Schlumberger Cambridge Research), I. Moore (WesternGeco), M. Thompson (Statoil) & J. Mispel (Statoil)</i>
09:55	A018 Efficient Gauss-Newton Hessian for Full Waveform Inversion - <i>Y. Tang* (Stanford University) & S. Lee (ExxonMobil Upstream Reseach Co.)</i>	B018 Surface Related Multiple Elimination for WATS Data - <i>E. Kurin* (Geolab Ltd.), D. Lokshtanov (Statoil) & H. K. Helgesen (Statoil)</i>
10:20	A019 Acoustic Waveform Inversion Applicability on Elastic Data - <i>D.V. Vigh* (WesternGeco), E.W. Starr (WesternGeco) & P. Elapavuluri (WesternGeco)</i>	B019 3D Predictive Deconvolution for Wide-azimuth Gathers - <i>P. Hugonnet* (CGGVeritas), J.L. Boelle (Total E&P), P. Herrmann (CGGVeritas), F. Prat (CGGVeritas) & S. Navion (CGGVeritas)</i>
10:45	A020 Application of an Impedance-based Full-waveform Inversion Method for Dual-sensor, Single-streamer Field Recordings - <i>S. Kelly* (PGS), J. Ramos-Martinez (PGS), B. Tsimelzon (PGS) & S. Crawley (PGS)</i>	B020 2D Multiple Prediction in the Curvelet Domain - <i>D. Donno* (Mines ParisTech), H. Chauris (Mines ParisTech) & M. Noble (Mines ParisTech)</i>
11:10	Break	Break
11:30	A021 2D Acoustic Full Waveform Inversion of a Land Seismic Line - <i>W.A. Mulder* (Shell International E&P BV/ Delft University of Technology), C. Perkins (Shell International E&P BV) & M.J. van de Rijzen (Shell International E&P BV)</i>	B021 Incorporating the Source Array into Primary Estimation - <i>G.J.A. van Groenestijn* (ExxonMobil Upstream Research Co.) & D.J. Verschuur (Delft University of Technology)</i>
11:55	A022 3D Elastic Wavefield Inversion in the Time Domain - <i>L. Guasch* (Imperial College London), M.R. Warner (Imperial College London), I. Stekl (Imperial College London) & A.P. Umpleby (Imperial College London)</i>	B022 Stabilized Estimation of Primaries by Sparse Inversion - <i>T. T. Y. Lin* (University of British Columbia) & F. J. Herrmann (University of British Columbia)</i>
12:20	A023 Time-lapse Elastic Full Waveform Inversion using Injected Grid Method - <i>G.T. Royle (Institute of Geophysics of Paris) & S.C. Singh* (Institute of Geophysics of Paris)</i>	B023 Surface Multiple Attenuation Through Sparse Inversion – Attenuation Results for Complex Synthetics and Real Data - <i>T. Savels* (Shell International E&P BV), K. de Vos (Shell International E&P BV) & J.W. de Maag (Shell International E&P BV)</i>
12:45	A024 Waveform Tomography by Correlation Optimisation - <i>T. van Leeuwen* (Delft University of Technology) & W.A. Mulder (Shell International E&P BV)</i>	B024 Energy Reassignment of an Image for Improved Picking of Velocity Dispersion Curves - <i>C.W. Hyslop* (ExxonMobil) & M.S. Diallo (ExxonMobil)</i>
13:10	Break	Break
	AVO (EAGE) <i>N.E. Bakke (Statoil), J.M. Smidt (Petrofac Energy Developments)</i>	Marine Acquisition (EAGE) <i>J.-L. Boelle (Total), S. Grion (CGGVeritas Services (UK) Ltd)</i>
14:30	A025 Elastic Inversion of 3D Seismic Data – A Market Benchmark - <i>I. Escobar* (Maersk Oil & Gas) & H. Peder Hansen (Maersk Oil & Gas)</i>	B025 A Marine Broadband Case Study Offshore China - <i>T. J. Bunting* (WesternGeco), B.J. Lim (WesternGeco), C.H. Lim (WesternGeco), S.W. Pei (WesternGeco), S.K. Yang (CNOOC Shen Zhen), Z.B. Zhang (CNOOC Shen Zhen), Y. H. Xie (CNOOC Zhan Jiang) & L. Li (CNOOC Zhan Jiang)</i>
14:55	A026 Sensitivity of Time-lapse Changes in Pressure and Saturation to Seismic AVO and Time-shifts - <i>M. Trani* (Delft University of Technology), R. Arts (Delft University of Technology/TNO), O. Leeuwenburgh (TNO) & J. Brouwer (TNO)</i>	B026 First 3-D Dual-sensor Streamer Acquisition in the North Sea – An Example from the Luno Field - <i>B. Osnes* (PGS), A. Day (PGS), M. Widmaier (PGS), J.E. Lie (Lundin Norway), V. Danielsen (Lundin Norway), D. Harrison-Fox (PGS), M. Lesnes (PGS) & O. El Baramony (PGS)</i>
15:20	A027 4D Pre-stack Inversion Workflow Integrating Reservoir Model Control and Lithology Supervised Classification - <i>S. Toinet* (Total E&P Angola), S. Maultzsch (Total), V. Souvannavong (CGGVeritas) & O. Colnard (CGGVeritas)</i>	B027 Mitigating the Environmental Footprint of Towed Streamer Seismic Surveys - <i>P.M. Fontana* (Polarcus) & C. P. Zickerman (Polarcus)</i>
15:45	A028 Ray Impedance Inversion on the Tight-sand Gas Reservoir - <i>F. Zhang* (Imperial College London) & Y. Wang (Imperial College London)</i>	B028 Recon 3D – A Fast and Cheap 3D Acquisition Approach to Large Scale Exploration - <i>M.D. MacNeill* (Woodside Energy Ltd) & J.F. McNutt (Woodside Energy Ltd)</i>
16:10	Break	Break
16:30	A029 Statistical Rock Physics and Bayesian Classification – Are Marginal Distributions Important? - <i>I. Escobar* (Maersk Oil & Gas), H. Peder Hansen (Maersk Oil & Gas) & M. Beller (Maersk Oil & Gas)</i>	B029 First Wide-azimuth Time-lapse Seismic Acquisition Using Ocean Bottom Seismic Nodes at Atlantis Field – Gulf of Mexico - <i>G.J. Beaudoin* (BP America Inc.), M.D. Reasnor (BP America Inc.), M. Pfister (BP America Inc) & G. Openshaw (TecPM)</i>

16:55	A030 Applicability of AVO Inversion Based on Effective Reflection Coefficients to Long-offset Data from Curved Interfaces - <i>L.V. Skopintseva* (NTNU), A.M. Aizenberg (Institute of Petroleum Geology and Geophysics), M.A. Ayzenberg (Statoil), M. Landrø (NTNU) & T.V. Nefedkina (Institute of Petroleum Geology and Geophysics)</i>	B030 A Case Study of a High Latitude Towed Streamer 3D Seismic Survey - <i>A. Ross* (BP America Inc.), S. Hildebrand (BP) & S. Viceer (BP)</i>
17:20	A031 A 3D Ray-based Pulse Estimation for Seismic Inversion of PSDM Data - <i>F. Georgsen* (Norwegian Computing Center), O. Kolbjørnsen (Norwegian Computing Center) & I. Lecomte (NORSAR)</i>	B031 Randomized Sampling Strategies - <i>F.J. Herrmann* (University of British Columbia)</i>
17:45	A032 Pilot Fracture Characterization Study Using Seismic Attributes Derived from Singular Value Decomposition of AVOAz Data - <i>G. Chao* (Total E&P UK) & S. Maultzsch (Total)</i>	B032 Acquisition Design for Incoherent Shooting - <i>G. Blacquiere* (Delft University of Technology) & A.J. Berkhout (Delft University of Technology)</i>

Oral presentations

Wednesday 16 June

	ROOM 115	ROOM 116
	EM 2 (EAGE) <i>L.M. MacGregor (OHM Ltd.), M.J. Tompkins (Schlumberger)</i>	Seismic Interpretation 1 (EAGE) <i>R.M. Dalley (Seismic Interpretation, Services and Training)</i>
09:30	C017 Airborne TDEM by He-filled balloon - <i>E.H. Stettler* (Thani Dubai Mining)</i>	D017 Automatic Fault Detection Based on Seismic Data Correlation Analysis - <i>N.L. Ivanova* (Central Geophysical Expedition (CGE) JSC), A.G. Averbukh (Central Geophysical Expedition (CGE) JSC) & E.R. Ahmetova (Central Geophysical Expedition (CGE) JSC)</i>
09:55	C018 Shallow Water CSEM Using a Surface-towed Source - <i>D.V. Shantsev* (EMGS), F. Roth (EMGS), C. Twarz (EMGS), A. Frisvoll (EMGS) & A.K. Nguyen (EMGS)</i>	D018 Attributes Designed for Detection of Salt Diapirs Without Well Defined Boundaries - <i>A. Berthelot* (University of Oslo), A.S. Solberg (University of Oslo) & L.J. Gelius (University of Oslo)</i>
10:20	C019 Case Study – A Towed EM Test at the Peon Discovery in the North Sea - <i>J.M. Mattsson* (PGS), L.L. Lund (PGS), J.L. Lima (PGS), F.E. Engelmark (PGS) & A.M. McKay (PGS)</i>	D019 Re-binning Pre-stack Seismic Data for Fluid Contact Determination – AVO Screening and Visualisation - <i>A.K.T. Wever* (Wintershall Noordzee BV), M. Chandler (formerly Leeds University, currently PGS), A. Huck (dGB Earth Sciences BV) & F. Blom (Petro-Canada Netherlands BV)</i>
10:45	C021 3D Inversion of Transient EM Data – A Case Study From the Alvheim Field, North Sea - <i>B.A. Hobbs* (PGS), M.S. Zhdanov (Technolmaging), A. Gribenko (Technolmaging), A. Paterson (PGS), G. Wilson (Technolmaging) & C. Clarke (PGS)</i>	D020 Nonstationary Phase Estimation for Analysis of Wavelet Character - <i>M.A. van der Baan* (University of Alberta), M. Perz (Divestco) & S. Fomel (Bureau of Economic Geology)</i>
11:10	Break	Break
11:30	C022 Inversion of CSEM Data in the Presence of Shallow Resistive Inhomogeneities - <i>M. Watts* (WesternGeco) & L. Bornatici (WesternGeco)</i>	D021 Reservoir Properties and OGIP through Elastic Inversion and Multi-attribute Calibration – From Development to Exploration - <i>M. Galbiati* (Eni E&P) & M. Fervari (Eni E&P)</i>
11:55	C023 2.5D Anisotropic Inversion of Marine CSEM Survey Data – An Example from West Africa - <i>C.J. Ramananjaona* (OHM Rock Solid Images) & L.M. MacGregor (OHM Rock Solid Images)</i>	D022 Cross-validation of Fault Enhancement and Elastic Dislocation Modelling - <i>J.J. Long (Durham University) & T. Cheret* (BG Group)</i>
12:20	C024 3D Iterative Migration of Marine Controlled-source Electromagnetic Data with Focusing Regularization - <i>M.S. Zhdanov (The University of Utah/Technolmaging), M. Cuma (The University of Utah/Technolmaging), G.A. Wilson (Technolmaging) & M.S. Zhdanov* (Technolmaging)</i>	D023 Interpretational Applications of Spectral Decomposition in Identifying Minor Faults - <i>X.D. Wei* (BGP/CNPC)</i>
12:45		D024 Using Azimuthal Curvature as a Method for Reducing Noise in Post Stack Curvature Volumes - <i>R.E. Daber* (Schlumberger Information Solutions) & T.H. Boe (Schlumberger Information Solutions)</i>
13:10		Break
	Velocity Model Building 1 (EAGE) <i>U.K. Albertin (BP America Inc.), S. Wolfarth (CGGVeritas Services (UK) Ltd)</i>	Seismic Interpretation 2 & Velocity Independent imaging (EAGE) <i>R. Gras (Cirrus Energy Nederland B.V.), A. Stovas (NTNU)</i>
14:30	C025 Understanding Wave-equation Image-gathers – A Prerequisite for Advanced Post-processing and Velocity Model Building - <i>J. Sirgue* (Total), P. Joussetin (Total) & F. Audebert (Total)</i>	D025 3-D Seismic Interpretation and Reserve Estimation of Ossi Field in Oml 124 – Onshore Niger Delta Basin, Nigeria - <i>U.O. Anyiam* (Federal University of Technology Owerri), V.K. Nduka (Federal University of Technology Owerri) & A.I. Opara (Federal University of Technology Owerri)</i>
14:55	C026 On the Gradient of Wave-equation Migration Velocity Analysis - <i>M. Vyas* (WesternGeco) & Y. Tang (Stanford University)</i>	D026 The Role of Geophysics in Well Planning and Execution – A Case Study in the SNS - <i>O. Estaba* (Shell), K. Veeken (Shell), C. Faasen (Shell), J. Goudswaard (Shell), M. Ligtendag (Shell) & R. van Boom (Shell)</i>
15:20	C027 Differential Semblance Wavefield Tomography Using Extended Images - <i>T. Yang* (Colorado School of Mines) & P.C. Sava (Colorado School of Mines)</i>	D027 A Multi Scale Approach on Large Seismic Volumes – Tunisia Case Study - <i>R. Lemaire* (BG Group), F. Pauget (Eliis), S. Lacaze (Eliis), T. Cheret (BG Group), M. Mangué (Eliis) & C. Horno Kort (University of Montpellier)</i>
15:45	C028 Local Plane Wave Tomography - <i>D. Lokshantov* (Statoil), J.K. Lotsberg (Statoil) & E. Kurin (GEOLAB Ltd.)</i>	D028 Phase Residues for Stratigraphic Discontinuities Detection - <i>M. Matos (University of Oklahoma), K. Zhang* (University of Oklahoma), O. Davogustto (University of Oklahoma) & K. Marfurt (University of Oklahoma)</i>
16:10	Break	Break
16:30	C029 Acoustic Wave Equations for a Virtual Source Shift - <i>T. Alkhalifah* (KAUST)</i>	D029 Migration without Velocity Model in Curvelet Domain - <i>A. Bona* (Curtin University of Technology) & M. AlMaghlouth (Saudi Aramco)</i>

16:55	C030 Velocity-independent "tau"-p Moveout in a Layered VTI Medium - <i>L. Casasanta*</i> (Polytechnic University of Milan) & <i>S. Fomel</i> (The University of Texas at Austin)	D030 Dip-consistent Interpolation of Seismic Prestack and Poststack Data Into Mute Zones Using CRS Techniques - <i>G. Gierse*</i> (TEEC), <i>J. Pruessmann</i> (TEEC), <i>G. Eisenberg-Klein</i> (TEEC), <i>H. Trappe</i> (TEEC) & <i>M. Zehnder</i> (TEEC)
17:20	C031 Quantifying Structural Uncertainty in Anisotropic Depth Imaging – Gulf of Mexico Case Study - <i>K. Osypov*</i> (WesternGeco), <i>D. Nichols</i> (WesternGeco), <i>Y. Yang</i> (WesternGeco), <i>F. Qiao</i> (WesternGeco), <i>M. O'Briain</i> (WesternGeco) & <i>O. Zdraveva</i> (WesternGeco)	D031 Common Scatter Point Data Mapping - <i>S. Dell*</i> (University of Hamburg), <i>D. Gajewski</i> (University of Hamburg) & <i>C. Vanelle</i> (University of Hamburg)
17:45	C032 Rapid Salt Model Scenario Testing with Fast Prestack Beam Migration - <i>A. Osen*</i> (Statoil ASA), <i>S.K. Foss</i> (Statoil), <i>M. Rhodes</i> (Statoil), <i>D. Michel</i> (Fraunhofer), <i>C. Lojewski</i> (Fraunhofer) & <i>N. Ettrich</i> (Fraunhofer)	D032 Improving Prestack Migration with CRS Techniques – A Case Study - <i>N.A. Mueller</i> (ENI S.p.A. E&P) & <i>M. Spinner*</i> (ENI S.p.A. E&P)

Oral presentations

Wednesday 16 June

	ROOM 119	ROOM 120
	Microseismic - Interpretation of the Dots (EAGE) <i>G.C. Michaud (WesternGeco), K.A. Berteussen (Petroleum Institute)</i>	Seismic Attenuation (EAGE) <i>R. Ferber (WesternGeco), M.A. van der Baan (University of Alberta)</i>
09:30	F017 Microseismic Moment Tensors – A Path To Understanding Growth of Injection Induced Fractures - <i>A. M. Baig* (Engineering Seismology Group Canada), T.I. Urbanic (Engineering Seismology Group Canada) & M. Prince (Engineering Seismology Group Canada)</i>	G017 Resolving the Ambiguity in Attenuation Imaging - <i>B. Hak (Delft University of Technology) & W.A. Mulder* (Shell International E&P BV)</i>
09:55	F018 Beyond the Dots in the Box – Microseismicity-constrained Fracture Models for Reservoir Simulation - <i>S. Williams-Stroud (Microseismic Inc.), L. Eisner (Microseismic Inc.), A. Hill (Microseismic Inc.), P. Duncan* (Microseismic Inc.) & M. Thornton (Microseismic Inc.)</i>	G018 Inverse Q Filtering for High Resolution with High Fidelity and High S/N Ratio - <i>Y.H. Wang* (Imperial College London)</i>
10:20	F019 Source Mechanisms in the Intense Seismicity Induced by Fluids Injection at the Soutz HDR Site, Alsace, in 2003 - <i>J. Horálek (Academy of Sciences of the Czech Republic), Z. Jechumtálová* (Academy of Sciences of the Czech Republic), L. Dorbath (University of Strasbourg) & J. Šílený (Academy of Sciences of the Czech Republic)</i>	G019 3D Q Tomography for Compensating Frequency Dependent Attenuation and Dispersion - <i>K. Xin* (CGGVeritas) & B. Hung (CGGVeritas)</i>
10:45	F020 Fault Activation During Hydraulic Fracturing - <i>S.C. Maxwell* (Schlumberger Canada), M. Jones (Schlumberger Canada), R. Parker (Schlumberger Canada), S. Leaney (Schlumberger), M. Mack (Schlumberger), D. Dorvall (Talisman), D. D'Amico (Talisman), J. Logel (Talisman), E. Anderson (Talisman) & K. Hammermaster (Talisman)</i>	G020 Azimuthal Anisotropy Characterization Using 3D Multi-azimuth Towed Streamer Dataset - <i>L.C. Moffat* (University of Leeds), R.A. Clark (University of Leeds), M. van der Baan (University of Alberta) & T. Manning (BP)</i>
11:10	Break	Break
11:30	F021 Detection of Mechanical Failure During Hydraulic Fracturing Through Passive Seismic Microseismic Monitoring - <i>A. De La Pena* (Microseismic Inc.), L. Eisner (Microseismic Inc.), M.P. Thornton (Microseismic Inc.) & S. Williams-Stroud Ph.D (Microseismic Inc.)</i>	G021 Refined Approximations for Polarizations, Velocities and Attenuations in Arbitrarily Anisotropic Viscoelastic Media - <i>P.N.J. Rasolofosaon* (IFP) & V. Farra (IPGP)</i>
11:55	F022 Inter Event Times of Fluid Induced Seismicity - <i>C. Langenbruch* (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>	G022 Q Estimation on Conventional and Dual-sensor Systems - <i>A.K. Vigner* (PGS), M. Deighton (PGS) & C. Swift (Geokinetics)</i>
12:20	F023 Scaling of Fluid-induced Seismicity by Coulomb Stress Transfer Model - <i>A.Y. Rozhko* (Weatherford Laboratories) & J. Tronvoll (Weatherford Laboratories)</i>	G023 Some Formulas for AVF-AVA Inversion of Reflections from Absorptive Targets - <i>K.A. Innanen* (University of Calgary)</i>
12:45	F024 Analysis of Seismicity Resulting from Time-dependent Fluid Injection Source Pressures - <i>C. Dinske* (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>	G024 2.5-D Poro-viscoelastic Wave Modeling in a Double Porosity Medium - <i>X. Liu* (Imperial College London), S. Greenhalgh (ETH Zürich) & Y.H. Wang (Imperial College London)</i>
13:10	Break	Break
	Seismic Reservoir Characterization 2 (EAGE) <i>P. Nivlet (Statoil), S.J. Pharez (PGS Exploration (UK) Ltd)</i>	Geomechanics (EAGE) <i>T. Backers (GeoFrames GmbH), T. Meier (GFZ Potsdam)</i>
14:30	F025 Dual-sensor Streamer Acquisition and its Impact on Reservoir Characterisation Studies - <i>C. Reiser* (PGS Reservoir) & C. Ribeiro (PGS Reservoir)</i>	G025 The Fault Reactivation Potential As Critical Factor in Reservoir Utilization - <i>I. Moeck* (GFZ GeoForschungsZentrum Potsdam), G. Zimmermann (GFZ GeoForschungsZentrum Potsdam) & G. Kwiatek (GFZ GeoForschungsZentrum Potsdam)</i>
14:55	F026 Improving Seismic Inversion through Detailed Low Frequency Model Building - <i>A. Huck* (dGB Earth Sciences), G. Quiquerez (formerly Montpellier 2 University/presently Ellis) & P. de Groot (dGB Earth Sciences)</i>	G026 Borehole Breakouts in St. Meinrad Sandstone under Hydrostatic to Highly Anisotropic Far-field Stresses - <i>B. Haimson* (University of Wisconsin-Madison), S. Stanchits (GFZ GeoForschungsZentrum Potsdam) & G. Dresen (GFZ GeoForschungsZentrum Potsdam)</i>
15:20	F027 Updating Low Frequency Model - <i>P.R. Mesdag (Fugro-Jason Netherlands BV), D. Marquez* (Fugro-Jason UK Ltd), L. de Groot (GdF Netherlands BV) & V. Aubin (GdF Netherlands BV)</i>	G027 Modelling of Damage Evolution by a Two-Scale Homogenisation Approach – Application to Geomechanical Modelling of Reservoir Exploitation - <i>A.M. Dobrovat* (CNRS), C. Dascalu (CNRS) & S.A. Hall (CNRS)</i>
15:45	F028 2D High-resolution Reservoir Characterization by Model-free Seismic Inversion with Sparsity Promotion - <i>D. Tetyukhina* (Delft University of Technology), L. van Vliet (Delft University of Technology), K. Wapenaar (Delft University of Technology) & S.M. Luthi (Delft University of Technology)</i>	G028 Temperature Dependent Rock Fracturing in Boreholes - <i>B. Shen* (CSIRO), M. Rinne (Fracom Ltd), T.K. Kim (SK E&C), J.M. Lee (SK E&C), S.C. Lee (SK E&C), J.Y. Kim (SK E&C), H.M. Kim (Korea Institute of Geoscience & Mineral Resources), E.S. Park (Korea Institute of Geoscience & Mineral Resources), M.W. Wuttke (Leibniz Institute for Applied Geosciences), T. Backers (GeoFrames GmbH) & O. Stephansson (Helmholtz Center Potsdam)</i>
16:10	Break	Break

16:30	F029 Semi-automatic Determination of the Number of Seismic Facies in Waveform Classification - <i>W. Xiong*</i> (CNPC-BGP), <i>Z.H. Wan</i> (CNPC-BGP), <i>M.S. Chen</i> (CNPC-BGP) & <i>H.Y. Zhang</i> (CNPC-BGP)	G029 In-Situ Primary Stresses and Hydro-Mechanical Properties of Saline Aquifer Formations in the Altmark Area in North Germany - <i>M.Z. Hou*</i> (Clausthal University of Technology), <i>J. Yoon</i> (Energie-Forschungszentrum Niedersachsen), <i>X. Luo</i> (Clausthal University of Technology) & <i>R. Braun</i> (Dr Roland Braun Consultancy in Rock Mechanics)
16:55	F030 Understanding Seismic Anisotropy from Fractures Observed in Wells - <i>L. ChereI*</i> (IFP), <i>J. Bruneau</i> (IFP), <i>N. Dubos-Sallée</i> (IFP), <i>K. Labat</i> (IFP), <i>J.F. Barthelemy</i> (IFP) & <i>J.M. Daniel</i> (IFP)	G030 Coupled Strata and Gas Behaviour in Co-extraction of Coal and Methane - <i>H. Guo*</i> (CSIRO), <i>D.P. Adhikary</i> (CSIRO), <i>N. Ishihara</i> (JCOAL) & <i>M. Fujioka</i> (JCOAL)
17:20	F031 Illuminating Linapacan Limestone Fracture Sweetspots Through a Combination of Seismic Inversion and Ant Tracking - <i>V.W.T. Kong*</i> (Schlumberger), <i>A.A. Morado</i> (Pitkin Petroleum Plc), <i>J.P. Micu</i> (Pitkin Petroleum Plc) & <i>C.M. Pang</i> (Schlumberger)	G031 Full-field Laboratory Imaging of Localised Deformation in Sandstone - <i>S.A. Hall*</i> (CNRS), <i>E.M. Charalampidou</i> (Heriot-Watt University/CNRS), <i>E. Tudisco</i> (CNRS), <i>P. Roux</i> (LGIT/CNRS) & <i>G. Viggiani</i> (CNRS)
17:45	F032 Calibration of Pre-stack Simultaneous Impedance Inversion Using Rock Physics - <i>S.W. Singleton*</i> (Rock Solid Images) & <i>R. Keirstead</i> (Rock Solid Images)	G032 Borehole Instabilities Due to Pore Fluid Pressure Fluctuations in Shales - <i>M. Witthaus*</i> (GeoFrames GmbH) & <i>C. Lempp</i> (Martin Luther University of Halle-Wittenberg)

Oral presentations

Wednesday 16 June

	ROOM 121	ROOM 122
	Latin American (EAGE) <i>J. Soldo (Petrobras), J.A. Escalera Alcocer (PEMEX Exploration & Production)</i>	Smart Well Construction / Production (Europec) <i>B. Stewart (Halliburton), M.R. Sanders (Baker Hughes)</i>
09:30	H001 Characterization and Exploration Potential of Palaeogene Mass-transport Deposits in the Espirito Santo Basin, Brazil - <i>D. Gamboa* (Cardiff University), T. Alves (Cardiff University), J. Cartwright (Cardiff University) & P. Terrinha (Departamento de Geologia Marinha, Laboratório Nacional de Energia e Geologia)</i>	I017 Effect of Casing Eccentricity on Casing Stability Analysis in Wellbores Drilled in Gas Hydrate Bearing Sediments (SPE-131236) - <i>B. Tohidi* (Heriot-Watt University), M. Salehabadi (Heriot-Watt University), M. Jin (Heriot-Watt University), J. Yang (Heriot-Watt University) & R. Ahmed (Heriot-Watt University)</i>
09:55	H002 Evolution of Seismic Imaging in Colombia - <i>H. Alfonso* (Ecopetrol SA)</i>	I018 Experimental and Numerical Calculation of Polymer Base Mud Without Solids Invasion in a Porous Media (SPE-131628) - <i>R. Moreno* (Unicamp) & E. Bonet (Unicamp)</i>
10:20	H003 The Role of the Evaporite in the Peruvian Foreland Structural Style (North Ucayali) - <i>I. Moretti* (IFP), M. Principaud (IFP), P. Baby (IRD) & J.P. Callot (IFP)</i>	I019 New 9-7/8-in. HPHT Permanent Packer With New Back-up System Provides North Sea Operator with Effective Solution for Damaged or Worn Casing (SPE-130540) - <i>T. Robb* (Halliburton) & E. Valentine (Halliburton)</i>
10:45	H004 Applying Fluid Inclusions Mass Spectrometry to Support Exploratory Plays, Marañon Basin, Peru - <i>A Chalco* (Cepsa)</i>	I020 Development and Qualification of A New Wireless Controlled Retrofit Safety Valve (SPE-130427) - <i>B. Champion* (Expro Group), A. Gabbiani (Stogit) & M. Noia (Eni)</i>
11:10	Break	Break
11:30	H005 Pre-salt Depth Imaging of the Deepwater Santos Basin, Brazil - <i>Y. Huang* (CGGVeritas), D. Lin (CGGVeritas), B. Bai (CGGVeritas), S. Roby (CGGVeritas) & C. Ricardez (CGGVeritas)</i>	I021 Prevention Better than Cure – Emulsion Prevention of SOBM with Heavy Brine & Frac Pack Fluid in a GoM Gas Well (SPE-130202) - <i>A. Singh* (BJ Services), J. McBee (NOEX), C. Arceneaux (BJ Services) & S. Berry (BJ Services)</i>
11:55	H006 New Oil Exploration Concepts in the Southern Area of the Middle Magdalena Valley, Colombia, SA - <i>J.C. Mondragon* (Cepsa)</i>	I022 Design, Development and Testing of a Wireline Conveyed Expandable Metal Patch (SPE-130718) - <i>A. Crossland* (Read Group), A. Gorrara (Read Group) & D. Blane (Read Group)</i>
12:20	H007 Integrated Methodology of the Discretization of the Porosity in Naturally Fractured Reservoir - <i>E.S. Mercado (Pemex), C.U.P. González (Pemex), E.R. Solorzano (CGGVeritas), P.Y.F. Chaves* (CGGVeritas) & W.O.V. Barboza (CGGVeritas)</i>	I023 Estimation of Casing-cement-formation Interaction Using a New Analytical Model (SPE-131335) - <i>C. Teodoriu* (Clausthal University of Technology), J. Schubert (Texas A&M University) & I. Ugwu</i>
12:45	H008 Identification of Permeable Carbonates with Well Logs Applying the Differential Effective Medium Theory - <i>M. Anderson (University of Brunel) & R. Gullco* (CGGVeritas)</i>	I024 Field Implementation of a Novel Solids-free System to Minimize Fluid Losses during Overbalanced Workover Operations (SPE-130210) - <i>J. Vasquez* (Halliburton), B. Waltman (Halliburton) & L. Eoff (Halliburton)</i>
13:10		Break
		Integrated Field Development 1 (Europec) <i>G. Williams (BP Exploration), C.M. Coll (BG Group)</i>
14:30		I025 Gas Blowdown Case Study – Striking a Fine Balance between Maximizing Gas Production Plateau and Minimizing Oil Loss (SPE-130596) - <i>S. Garimella* (PDO), A. Kalbani, I. Walli (PDO), E. Kasap (PDO) & A. Al Lamki (PDO)</i>
14:55		I026 Innovative Cementing Solution for Long-term Steam Injection Well Integrity (SPE-131324) - <i>G. De Bruijn* (Schlumberger), E. Pershikova (Schlumberger), A. Loiseau (Schlumberger), A. Chougnat-Sirapian (Schlumberger), B. Piot (Schlumberger), E. Pershikova (Schlumberger), W. Khafer (Schlumberger), K. Evoy (StatoilHydro) & G. Wilson (StatoilHydro)</i>
15:20		I027 Scaling Issues Through Quantitative Analysis between Reservoir Simulation (SPE-131632) - <i>G. Avansi* (Unicamp), R. Souza (Unicamp) & D. Schiozer (Unicamp)</i>
15:45		I028 Low-cost Monitoring of Inter-well Reservoir Communication Paths Through Correlations in Well Rate Fluctuations – Case Studies from Mature Fields in the North Sea (SPE-130734) - <i>K. Heffer* (Heriot-Watt University), J. Greenhough (University of Edinburgh), I. Main (University of Edinburgh), X. Zhang (Schlumberger) & N. Koutsabeloulis (Schlumberger)</i>
16:10		Break
16:30		I029 Well Conditioning before and after the Installation of

cont.	an ICD Completion Hardware, Bloque 15, Ecuador (SPE-131526) - <i>F. Porturas*</i> (Schlumberger), <i>I. Vela</i> (Petroamazonas), <i>R. Almeida</i> (Petroamazonas) & <i>O. Humbert</i> (Schlumberger)
16:55	I030 Impact of Fluid Distribution on Scale Inhibitor Squeeze Treatments (SPE-131724) - <i>E. Mackay*</i> (Heriot-Watt University), <i>A. Rakhimov</i> (Heriot-Watt University), <i>O. Vazquez</i> (Heriot-Watt University) & <i>K. Sorbie</i> (Heriot-Watt University)
17:20	I031 Mature Oil and Gas Fields – Think Process to Achieve Mature Field Production Excellence (SPE-131465) - <i>W. Ondracek*</i> (OMV) & <i>W. Liebl</i> (Petrom)
17:45	I032 Modelling Well Performance for Fractured Horizontal Wells (SPE-130794) - <i>D. Zhu*</i> (Texas A&M University) & <i>J. Lin</i> (SPE)

Oral presentations

Wednesday 16 June

	ROOM 123	ROOM 124
	Exploration Plays (EAGE) <i>D. Peace (WesternGeco-EM), J. Craig (Eni S.p.A. Exploration & Production)</i>	High Performance Computing (EAGE) <i>P. Thierry (Intel Corporation), A.H. Smith (RPS Energy)</i>
09:30	J018 The Role of Spatial Integration in Play Analysis - <i>G. Smith* (Exprodat Consulting Ltd)</i>	K017 Fast 3D ZO CRS Stack – An FPGA Implementation of an Optimization Based on the Simultaneous Estimate of Eight Parameters - <i>P. Marchetti* (Eni E&P Division), D. Oriato (Maxeler Technologies), O. Pell (Maxeler Technologies), A.M. Cristini (CRS4) & D. Theis (CRS4)</i>
09:55	J019 An Integrated Study Resulting in (New) Prospects Generated from Old Data in an Explored Part of the Norwegian Shelf - <i>S. Sperrevik* (Rocksource), K. Berry (Envision), D. Cumming (Rocksource), S. Eaton (Rocksource), C. Ekeli (Envision), J. Hesthammer (Rocksource Geotech), G. Maxwell (Rocksource), J.I. Rykkelid (Rocksource Geotech) & T. Wedberg (Rocksource Geotech)</i>	K018 Running 3D Finite-difference or Spectral-element Wave Propagation Codes 25x to 50x Faster Using a GPU Cluster - <i>D. Komatitsch* (University of Pau/CNRS/INRIA), D. Michéa (BRGM), G. Erlebacher (Florida State University) & D. Göddeke (TU Dortmund University)</i>
10:20	J020 Using of Recent Geological and Geophysical Integrated Data for Evaluation of Residual Oil and Gas Potential of Thrust Be - <i>Stavri Dhima* (Ministry of Economy, Trade and Energy, Albania)</i>	K019 On Efficiency of Data Compression for Acceleration of Seismic Processing - <i>V.G. Tulchinsky* (Glushkov Institute of Cybernetics), I.V. Nazarenko (Glushkov Institute of Cybernetics) & O.K. Iushchenko (Glushkov Institute of Cybernetics)</i>
10:45	J021 The Impact of Conjugate Margins Analysis on Play Fairway Evaluation – An Analysis of the Hydrocarbon Potential of Nova Scotia - <i>M.N. Luheshi* (Leptis E&P Ltd.), D.G. Roberts (Roberts Geoscience) & H. Wilson (RPS Energy)</i>	K020 A Massively-parallelised Spatially-registered Data Structure for Integrated Subsurface Data Management - <i>D.H.B. Irving* (Teradata), M. Rasheed (Teradata) & N. O'Doherty (Teradata)</i>
11:10	Break	Break
11:30	J022 Potential New Reservoir Targets Discovered in Channel and Canyon Features – Offshore Gabon - <i>J. Greenhalgh* (PGS), R. Borsato (PGS), R. Findlay (PGS), S. Raussen (PGS), H. Zhu (PGS), M. Martin (PGS), M.R. Moussavou (DGH) & F.F. Moukoumbi (DGH)</i>	K021 RTM High Performance I/O Considerations - <i>A. Farrés* (Barcelona Supercomputing Center), M. Hanzich (Barcelona Supercomputing Center) & J.M. Cela (Barcelona Supercomputing Center)</i>
11:55	J023 Prospect Identification Using AVO Inversion and Lithology Prediction - <i>B. Bailey (Schlumberger), R Nesbit (Schlumberger), F. Barclay* (Schlumberger) & A. Paxton (Schlumberger)</i>	K022 Practical VTI RTM - <i>H. Zhou (Repsol), G. Fossum (IBM), R. Todd (IBM) & M.P. Perrone* (IBM)</i>
12:20	J024 The Hydrocarbon Prospectivity of the Walton Basin offshore Jamaica – High-graded Through New Geological Interpretations - <i>S. Westlake* (Finder Exploration), D. Jablonski (Finder Exploration), C. Gumley (Finder Exploration) & J. Lutro (Fugro)</i>	K023 Automated Software Development in Heterogeneous GPU/CPU Environments for Seismic Modeling - <i>A. Varanovich* (United Institute of Informatics Problems of NASB), V. Tulchinsky (Glushkov Institute of Cybernetics), E. Burmako (United Institute of Informatics Problems of NASB), V. Falfushinsky (Glushkov Institute of Cybernetics) & R. Sadykhov (United Institute of Informatics Problems of NASB)</i>
12:45		K024 Integrated Mobility of G&G Data - <i>I. Zulfiqar* (Eni Pakistan) & M.S. Bokhari (Eni Pakistan)</i>
13:10		Break
	Petrophysics (EAGE) <i>A.I. Best (National Oceanography Centre Southampton), G. Tao (China University of Petroleum)</i>	Flow in Carbonate Rocks (EAGE) <i>S.M. Agar (ExxonMobil), G. Bertotti (Vrije Universiteit Amsterdam)</i>
14:30	J025 Calibration of Spectral GR Log with NMR Log and SEM Analysis for the Evaluation of Reservoir Shale Volume - <i>M.H. Mohammadlou* (NTNU), M.B. Mork (NTNU) & H. Langeland (NTNU)</i>	K025 Flow Patterns of Dolomitizing Solutions in a Buried Carbonate Ramp – The Benicassim Case Study (Maestrat Basin, NE Spain) - <i>E. Gomez-Rivas* (Autonomous University of Barcelona), S.L. Stafford (ExxonMobil Upstream Research Co.), A.G.K. Lee (ExxonMobil Corporate Strategic Research), M. Corbella (Autonomous University of Barcelona), J.D. Martin-Martin (Autonomous University of Barcelona) & A. Teixell (Autonomous University of Barcelona)</i>
14:55	J026 A Novel Approach for Automated Lithology Extraction from Core Photographs - <i>A. Thomas* (University of Edinburgh), M. Rider (University of Edinburgh), A. Curtis (University of Edinburgh) & A. Macarthur (University of Edinburgh)</i>	K026 Constraining Fracture Distribution in an Atoll-like Carbonate Platform - Results from Field Observations and 3D Geomec - <i>H. Boro* (VU University Amsterdam), G. Bertotti (VU University Amsterdam), F. Beekman (VU University Amsterdam) & S.M. Agar (ExxonMobil Upstream Research)</i>
15:20	J027 Burial Diagenesis of Eocene Chalk of the Atlantic Ocean - <i>A. Awadalkarim* (Technical University of Denmark) & I.L. Fabricius (Technical University of Denmark)</i>	K027 A Combined Numerical-experimental Approach to Study Sub-grid Transport Processes in Real 3D Carbonate Rocks - <i>S. Geiger* (Heriot-Watt University), C. Fricke (Heriot-Watt University), K.S. Schmid (Heriot-Watt University), Y. Zaretskiy (Heriot-Watt University), I. Butler</i>

cont.		(University of Edinburgh), S. Elphick (University of Edinburgh), K.S. Sorbie (Heriot-Watt University) & M.I.J. van Dijke (Heriot-Watt University)
15:45	JO28 Excess Conductivity of North Sea Chalk and Its Influence on Cementation Exponent and Saturation Prediction - M.M. Alam* (Technical University of Denmark), A.K. Shaik (Technical University of Denmark) & I.L. Fabricius (Technical University of Denmark)	KO28 Multi-scale Approach 3D Facies Modeling Applied to an Inner Carbonate Ramp Setting (High Atlas, Morocco) - F.A. Amour* (Institut für Erd- und Umweltwissenschaften), M.M. Mutti (Institut für Erd- und Umweltwissenschaften), N.C. Christ (Ruhr-University, Bochum), A.I. Immenhauser (Ruhr-University, Bochum) & L.K. Kabiri (University of Errachidia)
16:10	Break	Break
16:30	JO29 Evaluating Different Approaches of Permeability Modeling in Heterogeneous Carbonate Reservoirs - F. Khoshbakht* (NIOC-RIPi), M. Mohammadnia (RIPi), A.M. Bagheri (RIPi), A.A. RahimiBahar (RIPi) & Y. Beiraghdar (RIPi)	KO29 Fracture Field-data Acquisition and Processing, Customized Software and Datamodel Development - N. Hardebol* (VU University Amsterdam), G. Bertotti (VU University Amsterdam), N. de Reus (VU University Amsterdam) & H. Boro (VU University Amsterdam)
16:55	JO30 Eolian Sandstone's Pore Space Examination Based on Nuclear Magnetic Resonance and Computed Microtomography Techniques - D. Cebulski (Oil & Gas Institute), J. Zalewska (Oil and Gas Institute), M. Dohnalik* (Oil and Gas Institute) & A. Poszytek (University of Warsaw)	KO30 Fault-associated Dolomites in the Benicàssim Area, Maestrat Basin, E. Spain – Macro- to Micro-scale Fluid Flow in Carbon - J.D. Martín-Martín* (University of Barcelona), A. Travé (University of Barcelona), E. Gomez-Rivas (Autonomous University of Barcelona), J.P. Sizun (University of Franche-Comté), R. Salas (University of Barcelona), D. Gómez-Gras (Autonomous University of Barcelona) & J. Vergés (Institut de Earth Sciences "Jaume Almera")
17:20	JO31 Analysis of Sedimentary Cyclicity Based on X-ray CT Images and Ultrasonic Measurements of Core Samples - M.H. Grochau (Petrobras), E. Campos (Petrobras), T.M. Mueller* (CSIRO), D. Nadri (CSIRO), B. Clennell (CSIRO) & B. Gurevich (Curtin University of Technology)	KO31 Fracture Modeling Using Advanced Numerical Techniques - O. Mutlu* (ExxonMobil Upstream Research), G. Dasari (ExxonMobil Upstream Research), R. Myers (ExxonMobil Upstream Research) & T. Crook (Rockfield)
17:45	JO32 Functional Network Softsensor for Determination of Porosity and Water Saturation in Sandstone Reservoirs - G.M. Hamada* (British University in Egypt), M.A. Elshafei (King Fahd University of Petroleum and Minerals) & A.M. Adernian (King Fahd University of Petroleum and Minerals)	KO32 Sensitivities to Flow-modeling Assumptions for a Heterogeneous Carbonate Ramp – An Example from a Jurassic Carbonate Ramp - R. Shekhar* (ExxonMobil Upstream Research Co.), I. Sahni (ExxonMobil Upstream Research Co.), G. Benson (ExxonMobil Upstream Research Co.), S. Agar (ExxonMobil Upstream Research Co.), F. Amour (University of Potsdam), S. Tomas (University of Potsdam), N. Christ (Ruhr-University Bochum), R. Alway (ExxonMobil Development Co.), M. Mutti (University of Potsdam), A. Immenhauser (Ruhr-University Bochum), Z. Karcz (ExxonMobil Upstream Research Co.) & L. Kabiri (Faculty of Science and Technology)

Oral presentations

Wednesday 16 June

	ROOM 125	ROOM 127/128
	IOR Strategies (EAGE/Europec) <i>N.H. Schleifer (Wintershall Holding GmbH), F.M. Verga (Politecnico di Torino)</i>	Time Lapse Methodologies (EAGE) <i>C. MacBeth (Heriot-Watt University), I.A. Sandoe (Statoil)</i>
09:30	L017 Modelling of the Steam Chamber Growth During SAGD – Effects of Reservoir Heterogeneities on 4D Seismic - <i>O. Lerat (IFP), F. Adjemian (IFP), A. Baroni* (IFP), G. Etienne (IFP), G. Renard (IFP), E. Bathellier (CGGVeritas), J. Cotton (CGGVeritas) & E. Forgues (CGGVeritas)</i>	M017 Stratigraphically Constrained Seismic 4D Inversion - <i>M. Ayzenberg* (Statoil) & U. Theune (Statoil)</i>
09:55	L018 4D seismic monitoring using horizontal wells – A synthetic case study from Troll - <i>E. Janska* (Delft University of Technology), S.A. Petersen (Statoil) & G. Toxopeus (Statoil)</i>	M018 Using 4D Seismic to Monitor and Characterize Marimba Field, Campos Basin, Offshore Brazil - <i>K.T.P. Lima (Petrobras), V.M. Reis (Petrobras), S.R. Malagutti (Petrobras) & M. Meira* (Petrobras)</i>
10:20	L019 A Numerical Method to Investigate the Effect of Ultrasonic Waves on Capillary Imbibition - <i>B. Keshavarzi (Sharif University of Technology), R. Karimi (Sharif University of Technology), I. Najafi (Sharif University of Technology), C. Ghotbi* (Sharif University of Technology) & M. Ghaedian (Research Center of Petroleum Technology)</i>	M019 How Compaction Causes Misaligned Multiples and False Time Shifts in Time-lapse Seismic - <i>G.C. Fehmers* (Maersk Oil)</i>
10:45	L020 Empirically Derived PVT Correlations for Murzuq Basin in Libya - <i>A. Gaaim (NOC, Libya), M.A. Benrewin* (REMSA), M. Samama (Repsol) & A. Naas (Akakus Oil Operations)</i>	M020 Correlation of Well Activity to Time-lapsed Signatures in the Valhall Field for Enhanced Dynamic Interpretation - <i>Y. Huang* (Heriot-Watt University), C. MacBeth (Heriot-Watt University), O.I. Barkved (BP Norge) & J.P. Van Gestel (BP Norge)</i>
11:10	Break	Break
11:30	L021 Application of Ferrofluids for Enhanced Surfactant Flooding in IOR (SPE-131272) - <i>N. Kothari* (MIT), B. Raina (MIT), K. Chandak (University of Pune), V. Iyer (University of Pune) & H. Mahajan (University of Pune)</i>	M021 The Dalia OBN Project - <i>E. Ceragioli* (Total E&P Angola), L. Bovet (Total E&P Angola), J. Guillbot (Total E&P Angola) & S. Toinet (Total E&P Angola)</i>
11:55	L022 Influence of Temperature on Water and CO ₂ Flooding of Asphaltenic Chalk Reservoirs – Experimental and Simulation Case Study (SPE-131190) - <i>A. Hamouda* (University of Stavanger), E. Chukwudeme & V. Alipour Tabrizy (University of Stavanger)</i>	M022 Seismic Data Interpretation Dilemmas in CO ₂ Injection Monitoring - <i>R. D. Benson* (Colorado School of Mines) & T.L. Davis (Colorado School of Mines)</i>
12:20	L023 Brightwater B. Trial in Salema Field, Campos Basin, Brazil (SPE-131299) - <i>B. Roussennac* (Shell)</i>	M023 A Derivative Free Optimization Method for Reservoir Characterization Inverse Problem - <i>H. Langouët (IFP), D. Sinoquet* (IFP) & S. Da Veiga (IFP)</i>
12:45	L024 Polymer Flooding – Flow Properties in Porous Media Versus Rheological Parameters (SPE-131103) - <i>A. Stavland* (IRIS), H. Jonsbrotten (IRIS), A. Lohne (IRIS), A. Moen (Statoil) & N. Giske (Statoil)</i>	M024 Time-lapse Seismic AVP Analysis on the Sleipner CO ₂ Storage Monitoring Data Using CFP Processing - <i>F.P. Neele* (TNO) & R.J. Arts (TNO)</i>
13:10	Break	Break
	Recovery Optimisation Case Studies (EAGE/Europec) <i>A.V. Strudley (Stingray Geophysical Ltd), C.H. Whitson (NTNU)</i>	Geophysics for Geohazards / Mining and Geothermal (EAGE) <i>I. Lecomte (NORSAR), H. Pagnier (TNO)</i>
14:30	L025 Integration of 3D Seismic and Reservoir Simulation for Exploitation of Remaining Oil in a Heavy Oil Field—A Case Study - <i>X. Guo* (CNPC-BGP), X.R. Huang (SunRise PetroSolutions Tech. Inc.), Y. Ling (CNPC-BGP) & Y.T. Cai (CNPC-BGP)</i>	M025 Landslide Prediction Using Geoelectrical Investigations - <i>C. Iacob* (University of Bucharest) & R. Orza (University of Bucharest)</i>
14:55	L026 Hydraulic Fracturing Design and Investigation Cumulative Production in one of Iranian Gas Condensate Reservoirs - <i>H. Askari* (Sahand University of Technology), E. Sahraei (Sahand University of Technology) & A. Tahami (Petropars Oil & Gas Institute)</i>	M026 Water Storage Mapping and Stability Analysis of Pyroclastic Covers Through Resistivity Measurements - <i>E. Piegari* (University of Naples Federico II) & R. Di Maio (University of Naples Federico II)</i>
15:20		M027 Surface-wave Profiling for Sinkhole Hazard Assessment Along the Eastern Dead Sea Shoreline, Ghor Al-Haditha, Jordan - <i>L. Bodet* (University of Maine), P.Y. Galibert (Pierre and Marie Curie University), A. Dhemaied (Pierre and Marie Curie University), C. Camerlynck (Pierre and Marie Curie University) & A. Al-Zoubi (Al-Balqa Applied University)</i>
15:45	L028 Acoustic Impedance Inversion for Static and Dynamic Characterization of a CO ₂ EOR Project, Postle Field, Oklahoma - <i>A.P.R. Robinson* (Colorado School of Mines) & T.L.D. Davis (Colorado School of Mines)</i>	M028 Seismogenic Sources in the Lower Tagus Area Using Geophysical Data - <i>C.C. Pinto* (LNEG), J.P. Carvalho (INETI), M. Costa (LNEG), T. Rabeh (NRIAG), P. Terrinha (LNEG), H. Duarte (LNEG), J. Borges (CGE), B. Caldeira (CGE) & J. Cabral (LATTEX)</i>
16:10	Break	Break

16:30	L029 History Model for Sand Production during Depletion (SPE-131256) - <i>B. Aadnoy* (University of Stavanger) & E. Kaarstad (University of Stavanger)</i>	M029 3D Seismic Survey for Deep Geothermal Exploration at Unterhaching, Munich, Germany - <i>E. Lueschen* (LIAG), M. Dussel (LIAG), R. Thomas (LIAG) & R. Schulz (LIAG)</i>
16:55	L030 Valhall – Pushing the Limits for Open Hole Zonal Isolation – Qualification and Field Trial of 10.000 Psi Oil Swelling Packers (SPE-130062) - <i>T.R. Koloy* (Halliburton), J. Nijhof (BP) & K. Andersen (Halliburton)</i>	M030 3D Diffraction and Mode-converted Scattering Signatures of Base-metal Deposits – Bathurst Mining Camp, Canada - <i>A. Malehmir* (Uppsala University) & G. Bellefleur (Geological Survey of Canada)</i>
17:20	L031 Multidisciplinary Workflow Applied to Multiple Stage Hydraulic Fracturing of Horizontal Wellbores – Evolving the Process in the Levada Field – Black Sea (SPE-130786) - <i>B. Emmanuel* (Schlumberger), D. Perez (Schlumberger), C. Webel (Schlumberger), R. Cantagliari (Petro), R. Iosif (Petro) & A. Dragomir (OMV)</i>	M031 ThermoGIS – An Integrated Web-based Information System for Geothermal Exploration and Governmental Decision Support for M - <i>L. Kramers* (TNO), J.D.A.M. Van Wees (VU University Amsterdam), H.F. Mijnlief (TNO) & R. A. Kronimus (TNO,)</i>
17:45	L032 Using Genetic Algorithm to Optimize Well Placement in Gas Condensate Reservoirs (SPE-130999) - <i>H. Nasrabadi* (Texas A&M University), T. Gibbs (Texas A&M University), A. Morales (Texas A&M University) & D. Zhu (Texas A&M University)</i>	M032 The Modern Heat Flow Database of Norway and its Implications for Geothermal Energy - <i>C. Pascal* (Geological Survey of Norway), H. Elvebakk (Geological Survey of Norway) & O. Olesen (Geological Survey of Norway)</i>

Oral presentations

Wednesday 16 June

ROOM 118

Reservoir Simulation 1 (Europec)
T. Manai (Geostock), E. Reiso (Statoil)

- 09:30 **E017** A New Approach to Deformable Fractured Reservoir – Case Study of the Ekofisk Field (SPE-130425) - *A. Shchipanov* (IRIS), L. Kollbotn (IRIS), L. Surguchev (IRIS) & K. Thomas (ConocoPhillips)*
- 09:55 **E018** Modeling of Multi-segmented Thermal Wells (SPE-130371) - *A. Semenova* (Stanford University), S. Livescu (ExxonMobil), L. Durlofsky (Stanford University) & K. Aziz (Stanford University)*
- 10:20 **E019** 3D Finite Element Modeling of Laboratory Hydraulic Fracture Experiments (SPE-130556) - *N. Alqahtani* (KACST) & J. Miskimins (CSM)*
- 10:45 **E020** A New Approach to Thin Oil Zone Modelling in High Dipping Multilayered Reservoirs (SPE-130454) - *É. Tolstukhin* (Statoil) & P. Olivier (GDF)*
- 11:10 Break
- 11:30 **E021** Fluid Delumping applied to the Goliat Field – A Black-oil Model Coupled with a Process Design (SPE-130783) - *E. Vignati* (Eni), E. Stano, W. Bonotto (Eni), C. Le Maitre (Eni) & A. Cominelli (Eni)*
- 11:55 **E022** Comparisons of Various Algorithms for Gas-lift Optimization in a Coupled Surface Network and Reservoir Simulation (SPE-130912) - *P. Samier* (Total) & B. Carbonnier (Total)*
- 12:20 **E023** Effective Fracture Network Permeability – Comparative Study of Calculation Methods (SPE-131126) - *O. Gosselin* (Total), N. Cottreau (Total), M. Garcia (Kidova) & L. Vigier (IFP)*
- 12:45 **E024** Numerical Modelling of a Well Test Affected by Condensate Banking and Comparison with Analytical Interpretation (SPE-130479) - *A. Botteon* (Eni), C. Monico (Eni), E. Beretta (Eni) & A. Lamberti (Eni)*
- 13:10 Break
- Reservoir Simulation 2 (Europec)
Z. Heinemann (Heinemann Oil GmbH), W. Liebl (OMV Petrom S.A.)
- 14:30 **E025** Limitations in Numerical Well Test Modelling of Fractured Carbonate Rocks (SPE-130252) - *P. Corbett* (Heriot-Watt University), S. Geiger-Boschung (Heriot-Watt University), L. Borges (Petrobras), M. Garayev (Heriot-Watt University), J. Gonzalez Mosquera (Heriot-Watt University) & R. Valdez (Heriot-Watt University)*
- 14:55 **E026** Coupled Deformation and Fluid Flow in Fractured Porous Media using Dual Permeability and Explicitly Defined Fracture Geometry (SPE-131725) - *A. Lamb* (Imperial College London), G. Gorman (Imperial College London), O. Gosselin (Total) & A. Onaisi (Total)*
- 15:20 **E027** Evaluating the Effects of Well Type Selection and Hydraulic Fracture Design on Recovery for Various Reservoir Permeability using a Numerical Reservoir Simulator (SPE-130108) - *R. Shelley* (Halliburton), M. Soliman (Halliburton) & M. Vennes (El Paso E&P)*
- 15:45 **E028** Microbial Enhanced Oil Recovery – 3D Streamline Simulation with Gravity Effects (SPE-131048) - *S. Nielsen* (Technical University of Denmark), K. Jessen (USC), A. Shapiro (Technical University of Denmark), M. Michelsen (Technical University of Denmark) & E. Stenby (Technical University of Denmark)*
- 16:10 Break
- 16:30 **E029** Novel Analytical Methods of Temperature Interpretation in Horizontal Wells (SPE-131642) - *D. Davies* (Heriot-Watt University) & K. Muradov (Heriot-Watt University)*
- 16:55 **E030** Dynamic and Static Thermal Well Flow Control Simulation (SPE-130499) - *T. Stone* (Schlumberger), C. Damas (Schlumberger), A. Raffn (Schlumberger), K.*

cont.	<i>Neylon (Schlumberger), P. Naccache (Schlumberger) & D. Rowan (Schlumberger)</i>
17:20	E031 History-matching with Sensitivity-based Parameter Modifications at Gridblock Level (SPE-131627) - <i>L. Ganzer* (Clausthal University of Technology), H. Almuallim (FirmSoft) & K. Edwards (Barrick Energy)</i>
17:45	E032 Estimation of Future Production Performance Based on Multi-objective History Matching in a Waterflooding Project (SPE-130500) - <i>Y.M. Han* (GS Caltex Corp.), C. Park (Seoul National University) & J.M. Kang (Seoul National University)</i>

Oral presentations

Thursday 17 June

	ROOM 114	ROOM 115
	Time Lapse Seismic (EAGE) <i>A. Bertrand (ConocoPhillips Norway), M.T. Widmaier (PGS)</i>	Velocity Model Building 2 (EAGE) <i>F.S. Audebert (Total), K. Osypov (WesternGeco)</i>
09:30	B033 Time-lapse Refraction Seismic Monitoring - <i>F. Hansteen* (Shell International E&P), P.B. Wills (Shell International E&P), J.C. Hornman (Shell International E&P), L. Jin (Shell International E&P) & S.J. Bourne (Shell Canada)</i>	C033 Simultaneous Joint Inversion as a Salt Detector in South Gabon Land Exploration - <i>M. Mantovani* (WesternGeco) & T. Dugoujard (Perenco)</i>
09:55	B034 Benefits of Hydrophones for Land Seismic Monitoring - <i>E. Forgues (CGGVeritas) & E. Rebel* (CGGVeritas)</i>	C034 Gulf of Mexico Case Study of Localized Anisotropic Tomography with Checkshot - <i>A.V. Bakulin* (WesternGeco), Y. Liu (WesternGeco) & O. Zdraveva (WesternGeco)</i>
10:20	B035 A New Approach to Efficient 4D Acquisition - <i>P. B. Sabel* (Statoil), L. Fenstad (Statoil) & S. Darling (ION Concept Systems)</i>	C035 Introducing A Priori Information in Non-linear Slope Tomography as Applied to the Minagish Survey in Kuwait - <i>P. Guillaume* (CGGVeritas Services), D. Carotti (CGGVeritas Services), A.L. Al-Kandari (Kuwait Oil Co.), A. El-Emam (Kuwait Oil Co.) & G. Lambaré (CGGVeritas Services)</i>
10:45	B036 Time-lapse Acquisition With a Dual-sensor Streamer over a Conventional Baseline Survey - <i>A. Day* (PGS), M. Widmaier (PGS), T. Høy (PGS) & B. Øsnes (PGS)</i>	C036 Application of Isotropic PP/PS-stereotomography to a Gas Cloud Context – The Snøhvit Gas Field - <i>M. Alerini* (SINTEF Petroleum Research), P. Eliasson (SINTEF Petroleum Research), S. Nag (Statoil), M. Buddensiek (SINTEF Petroleum Research) & C. Ravaut (SINTEF Petroleum Research)</i>
11:10	Break	Break
11:30	B037 The Correlated Leakage Method – It's Application to Better Quantify Timing Shifts on 4D Data - <i>D.N. Whitcombe (BP UK), P. Paramo* (BP UK), N. Philip (BP UK), A. Toomey (BP UK), T. Redshaw (BP UK) & S. Linn (BP UK)</i>	C037 Multi Directional Residual Curvature Analysis to Improve Seismic Anisotropy Estimations - <i>S. Birdus* (CGGVeritas) & L. Li (CGGVeritas)</i>
11:55	B038 Simultaneous Multi-vintage Multi-parameter Time-lapse Matching - <i>E. Zabihi Naeini* (CGGVeritas), H. Hoeber (CGGVeritas), G. Poole (CGGVeritas), F. Buker (Statoil) & M. van Schaack (Statoil)</i>	C038 Building Borehole-calibrated and Geologically Plausible Anisotropic Models Using Wells and Horizon-guided Interpolation - <i>A.V. Bakulin* (WesternGeco), Y. Liu (WesternGeco) & O. Zdraveva (WesternGeco)</i>
12:20	B039 Retrieving 4D Signal in Complex Media Using the Full Waveform Inversion Paradigm - <i>P. Thore* (Total), H. Allouche (Total), P.O. Lys (Total) & I. Tarrass (Total)</i>	C039 Migration Velocity Analysis Aided by RTM - <i>C. Andreoletti (Eni E&P), N. Bienati* (Eni E&P), R. Brajuca (Eni E&P) & F. Doniselli (Eni E&P)</i>
12:45	B040 Time Lapse Monitoring of the Elgin HPHT Field - <i>A. Grandi* (Total E&P UK Ltd), O. Rahmanov (Total E&P UK Ltd), V. Neillo (Total E&P UK Ltd), F. Bourgeois (Total SA), C. Deplante (Total E&P UK Ltd) & L. Ben-Brahim (Total E&P UK Ltd)</i>	C040 Complex-salt Model Building Using a Combination of Interactive Beam Migration and Layer-stripping RTM - <i>B. Wang* (TGS), C. Mason (TGS), K. Yoon (TGS), J. Ji (TGS), J. Cai (TGS), S. Suh (TGS) & Z. Li (TGS)</i>
13:10	Break	Break
	Wide Azimuth (EAGE) <i>M.N. Alfaraaj (Saudi Aramco), P.M. Fontana (Polarcus)</i>	Seismic Modelling (EAGE) <i>S. Buske (Berlin Free University), C. Kostov (Schlumberger Moscow Research)</i>
14:30	B041 Coil Shooting on Tulip Discovery – Processing Challenges and Results - <i>M. Buia* (Eni E&P), R. Vercesi (Eni Indonesia), D. Nikolenko (WesternGeco), A.T. Waluyo (WesternGeco), M. Tham (WesternGeco) & S.L. Ng (WesternGeco)</i>	C041 Improved Ray-based Seismograms by Combining Modeling by Demigration with a Prestack Depth Migration Simulator - <i>T. Kaschwich* (NORSAR) & I. Lecomte (NORSAR)</i>
14:55	B042 Multi-azimuth High-resolution Tomography – Application to Offshore Nile Delta - <i>D.W. van der Burg* (PGS), S. Lin (PGS), C. Zhou (PGS) & J. Jiao (PGS)</i>	C042 Traveltime and Reflection Coefficients Accuracy of Staggered-grid Finite-difference Simulation of Seismic Waves - <i>O. Podgornova* (Schlumberger Moscow Research), V. Lisitsa (Institute of Petroleum Geology and Geophysics) & D. Vishnevsky (Institute of Petroleum Geology and Geophysics)</i>
15:20	B043 Exploring Oligocene Targets Using Multi-azimuth Acquisitions – Application of Non-linear Slope Tomography - <i>J.P. Gruffeille* (CGGVeritas), P. Guillaume (CGGVeritas), G. Lambaré (CGGVeritas), H. Ladegaard (Hess), A. Spedding (Hess) & A. El Fattah (NALPETCO)</i>	C043 Wave Equation Illumination - <i>C.M. Lapilli* (WesternGeco/Schlumberger), A. Gonzalez (WesternGeco/Schlumberger), D. Nichols (WesternGeco/Schlumberger) & J.P. Perdomo (WesternGeco/Schlumberger)</i>
15:45	B044 The Benefits of Multi-azimuth Depth Migration over the Tidepole Field, North West Shelf, Australia - <i>D. Dickinson* (Woodside Energy Ltd) & T. Ridsdill-Smith (Woodside Energy Ltd)</i>	C044 Solving the Wave Equation Using Curvelets - <i>B. Sun* (Mines Paristech and Tsinghua University), J. Ma (Tsinghua University), H. Chauris (Mines Paristech) & H. Yang (Tsinghua University)</i>
16:10	Break	Break
16:30	B045 Using High-density OBC Seismic to Optimise the	

cont.	Andrew Satellites Development - <i>L. Padmos*</i> (BP Exploration), <i>D. Davies</i> (BP Exploration), <i>M. Davies</i> (BP Exploration) & <i>J. McGarrity</i> (BP Exploration)	C045 Convolutional and Non-convolutional PMLs for High-order Schemes Optimized at Grazing Incidence for the Seismic Wave Equation - <i>R. Martin*</i> (University of Pau), <i>D. Komatitsch</i> (University of Pau), <i>S.D. Gedney</i> (University of Kentucky) & <i>E. Bruthiaux</i> (Ecole Normale Supérieure de Lyon)
16:55	B046 5D Data Reconstruction Using the Anti-leakage Fourier Transform - <i>G. Poole*</i> (CGGVeritas Services (UK) Ltd)	C046 2D Frequency-domain Seismic Wave Modeling in VTI Media Based on a Hp-adaptive Discontinuous Galerkin Method - <i>R. Brossier*</i> (University of Joseph Fourier), <i>Y. Gholami</i> (Nice Sophia Antipolis University/CNRS/Géoazur), <i>J. Virieux</i> (University of Joseph Fourier) & <i>S. Operto</i> (Nice Sophia Antipolis University/CNRS/Géoazur)
17:20	B047 Can We Correct for Azimuthal Variations of Residual Moveout in Land WAZ Context Using Depth Non-linear Slope Tomography? - <i>S. Zimine*</i> (CGGVeritas), <i>G. Lambaré</i> (CGGVeritas), <i>P. Guillaume</i> (CGGVeritas), <i>J.P. Montel</i> (CGGVeritas), <i>J.P. Touré</i> (CGGVeritas), <i>N. Deladerrière</i> (CGGVeritas), <i>X. Zhang</i> (CGGVeritas), <i>A. Prescott</i> (CGGVeritas), <i>D. Lecerf</i> (CGGVeritas), <i>S. Navion</i> (CGGVeritas), <i>J.L. Boelle</i> (Total), <i>A. Belmokhtar</i> (Sonatrach) & <i>A. Ladmek</i> (Sonatrach)	C047 3D Spectral Element Method Combined With H-refinement - <i>A.C. Lesage*</i> (Barcelona Supercomputing Center), <i>R. Aubry</i> (Barcelona Supercomputing Center), <i>G. Houzeaux</i> (Barcelona Supercomputing Center), <i>M. Araya Polo</i> (Barcelona Supercomputing Center) & <i>J.M. Cela</i> (Barcelona Supercomputing Center)
17:45	B048 Analysis Methodology for Azimuthal Anisotropy - <i>K. Bishop*</i> (BHPBilliton Petroleum Americas), <i>A. Osadchuk</i> (BHPBilliton Petroleum Pty Ltd) & <i>M. Stanley</i> (BHPBilliton Petroleum Pty Ltd)	C048 On the Accuracy of Ruger's Approximations for PP Reflection Coefficients in HTI Media - <i>A. Ali*</i> (University of Bergen) & <i>M. Jakobsen</i> (University of Bergen)

Oral presentations

Thursday 17 June

	ROOM 116	ROOM 119
	EM 3 (EAGE) A.M. Ziolkowski (University of Edinburgh), Z. Du (OHM Ltd.)	VSP & Well Bore Physics (EAGE) J.H. Meyer (Schlumberger), T.J. Dijkerman (Nederlandse Aardolie Maatschappij (NAM))
09:30	D033 Solution of the 3D EM Problems with Induced Polarization in the Time Domain Using Optimized Krylov Subspace Reduction - M.Y. Zaslavsky* (Schlumberger) & V.L. Druskin (Schlumberger)	F033 Dual Signals Separation in Shallow Borehole Hydrophone Data - L. Petronio* (OGS) & F. Poletto (OGS)
09:55	D034 Numerical Investigation of the Range of Validity of a Low-frequency Approximation for CSEM - S. Bakr* (CIPR) & T. Mannseth (CIPR)	F034 Optimization Approach to Automatic First Arrival Picking for 3C 3D VSP Data - E. Bias* (VSFusion)
10:20	D035 Error Modelling in Bayesian CSEM Inversion - J. Gunning* (CSIRO Earth Science and Resource Engineering) & M.E. Glinisky (CSIRO Earth Science and Resource Engineering)	F035 Imaging of 3D VSP Data with the Common-offset Common Reflection Surface Stack - M. Spinner* (Eni E&P), F. Miranda (Eni E&P), N.A. Mueller (Eni E&P) & P. Marchetti (Eni E&P)
10:45	D036 1D Layered Resolution Analysis of Two Marine EM Exploration Methods - N. H. Cuevas* (Schlumberger EMI Technology Center), D. Alumbaugh (Schlumberger EMI Technology Center) & J. Chen (Schlumberger EMI Technology Center)	F036 Walkaway VSP Multi-wave Imaging over a Gas Cloud Area - Y. Li* (Tongji University), Y. Chen (BGP), J. Peng (BGP) & Q. Jin (BGP)
11:10	Break	Break
11:30	D037 The Use of CSEM Within an Integrated Exploration Project - A. Lovatini* (WesternGeco), E. Medina (WesternGeco), T. Campbell (WesternGeco) & K. Myers (WesternGeco)	F037 Improved Synthetic Seismic Ties after Log Analysis – Case Study in North America - A.B. Sanz Fernandez* (Repsol) & T. Buerkert (Repsol)
11:55	D038 A Broadband Marine CSEM Demonstration Survey to Map the Uranus Salt Structure - M. Vöge* (Norwegian Geotechnical Institute), A.A. Pfaffhuber (Norwegian Geotechnical Institute), K. Hokstad (Statoil) & B. Fotland (Statoil)	F038 Application of a Novel Through Casing Acoustic Imaging Technique to Identify Gas Migration Paths in a Salt Body - T.J. Bradley* (Baker Hughes), X. Tang (Baker Hughes), D. Patterson (Baker Hughes) & J. Schaaf (Wintershall Noordzee)
12:20	D039 CSEM Using Ocean Bottom Cables and Streamer - L. Engell-Sørensen* (MultiField Geophysics), B.A. Farrelly (MultiField Geophysics AS), R. Henman (MultiField Geophysics), S.E. Johnstad (MultiField Geophysics), K. Kristiansen (MultiField Geophysics) & I. Viken (Norwegian Geotechnical Institute)	F039 Wave Field Simulation and Data Acquisition Scheme Analysis for LWD Acoustic Tool in Very Slow Formation - H. Wang (China University of Petroleum), G. Tao* (China University of Petroleum), B. Wang (China University of Petroleum) & W.Z. Yue (China University of Petroleum)
12:45	D040 Feasibility of EM Monitoring – Acquisition and Inversion - B. Rondeleux* (CGGVeritas) & S. Spitz (CGGVeritas)	F040 Borehole Radar Modeling for Reservoir Monitoring Applications - M. Miorali* (Delft University of Technology), E. Slob (Delft University of Technology) & R. Arts (Delft University of Technology/TNO)
13:10	Break	Break
	Potential Fields - Case Studies & Theory (EAGE) N. Bundalo (Marathon Oil Co.)	Geopressure (EAGE) S.H. Archer (WesternGeco), R.J. Ferguson (University of Calgary)
14:30	D041 Salt Imaging with Gravity Gradiometry and Magnetic Data – Nordkapp Basin, Barents Sea - C. Stadler* (Statoil), C. Fichler (Statoil), K. Hokstad (Statoil), B. Fotland (Statoil), C. Gram (Statoil), P. Hanssen (Statoil), E.A. Myrlund (Statoil) & S. Wienecke (Statoil)	F041 Improved Pore Pressure Prediction from Seismic Data - H.M. Helset* (SINTEF Petroleum Research), M. Luthje (formerly SINTEF Petroleum Research, currently), I. Ojala (SINTEF Petroleum Research), A. Lothe (SINTEF Petroleum Research), M. Jordan (SINTEF Petroleum Research), K. Berg (Det norske oljeselskap) & I. Ribland Nilssen (Det norske oljeselskap)
14:55	D042 Using Geophysical Methods to Characterize a Fault Zone – A Case Study from the Møre-Trøndelag Fault Complex, Mid-Norway - A. Nasuti* (Norwegian University of Science and Technology), J. Ebbing (Geological Survey of Norway), C. Pascal (Geological Survey of Norway), J.F. Tonnesen (Geological Survey of Norway) & E. Dalsegg (Geological Survey of Norway)	F042 Overpressure and Compaction in the Peciko Field, Kutai Basin, Indonesia - A. Ramdhan* (Durham University) & N. Gouly (Durham University)
15:20	D043 3D Gravity and Magnetic Model of a Triassic Large Igneous Province Vent, Central Alaska Range, Alaska - G. G. Connard* (Geosoft Inc.), J.M. Glen (US Geological Survey) & J.M. Schmidt (US Geological Survey)	F043 Overpressure in the Kutai Basin – A Radical Reappraisal - N.R. Gouly* (Durham University) & A.M. Ramdhan (Durham University)
15:45	D044 South Atlantic Kinematics and The Evolution of Tristan da Cunha Hotspot Tracks - D.E. Bird* (Bird Geophysical) & S.A. Hall (University of Houston)	F044 Pore Pressure Prediction from Seismic Attributes Based on Factor Analysis - D. Grana* (Eni E&P), P. Cibin (Eni E&P) & J. Dvorkin (Stanford University)
16:10	Break	Break
16:30	D045 Generation of a New High Resolution Magnetic Database for Europe for Resource Evaluation – Progress Report - K.M.U. Fletcher* (GETECH), J.D. Fairhead	

cont.	(GETECH/University of Leeds), K. Lei (GETECH), A.S.K. Salem (GETECH/University of Leeds), C. Ayala (IGME) & P. L.M. Cabanillas (Repsol)	F045 Tensor Character of Pore Pressure–stress Coupling in Reservoir Depletion and Injection - B. Mueller (University of Karlsruhe), J.B. Altmann (CSIRO), T.M. Mueller* (CSIRO), A. Weisshardt (University of Karlsruhe), S.A. Shapiro (Free University of Berlin), F. Schilling (University of Karlsruhe) & O. Heibach (GFZ GeoForschungsZentrum, Potsdam)
16:55	D046 Extended Tilt Depth – A Fast Depth Imaging Method Using Local Wavenumbers of Magnetic Data - A. S.K. Salem* (GETECH/University of Leeds), J.D. Fairhead (GETECH) & E. Aboud (NRIAG)	F046 Carbonate Seismic Geopressure Prediction Using Neural Networks - N.M. AlBinHassan* (Imperial College London) & Y.H. Wang (Imperial College London)
17:20	D047 Some Remarks on Gravity Reduction by Vertical Field Continuation - P.L. Smilde* (TERRASYS Geophysics) & M.H. Krieger (TERRASYS Geophysics)	F047 Seismically Derived Pore Pressure Prediction Model for Pressure Profiling, Offshore Mozambique – A Case History - C.E. Otor* (Schlumberger Oilfield Plc), D. Barkwith (Sasol Petroleum International) & L. Lurati (Sasol Petroleum International)
17:45	D048 Interactive 3D Gravity and Magnetic Modelling in IGMAS+ and the Integration in the Depth Imaging Workflow - B. Lahmeyer* (Statoil), H.J. Götze (University of Kiel), S. Schmidt (University of Kiel), M.R. Alvers (Transinsight GmbH), C. Plonka (Transinsight GmbH) & C. Fichler (Statoil)	F048 Overpressures in the South Caspian Basin – Occurrence and Nature - A. A. Feyzullayev* (Geology Institute of the ANAS)

Oral presentations

Thursday 17 June

	ROOM 120	ROOM 122
	Seismic and GPR Diffraction Modeling and Imaging (EAGE) <i>T.J. Moser, M.A. Pelissier (Marathon Oil Co.)</i>	Updating the Reservoir Model 1 (Europec) <i>O.R. Gosselin (Total), T. Manai (Geostock)</i>
09:30	G033 Diffractions – A Historical Perspective - <i>H.C. Hoesber* (CGGVeritas Services), K. Klem-Musatov (Institute of Petroleum Geology and Geophysics, Nov), T. J. Moser & M. Pelissier (Marathon Oil Corp.)</i>	I033 Optimisation of Uncertain Structural Parameters Using Production and Observation Well Data (SPE-131463) - <i>A. Irving* (Total) & E. Robert (Total)</i>
09:55	G034 Progress in Seismic Diffraction Theory – From Edge and Tip Waves to Multiple Reflections-transmissions with Diffractions - <i>A.M. Aizenberg* (IPGG SB RAS) & K.D. Klem-Musatov (IPGG SB RAS)</i>	I034 An Elastic Grid Approach for Fault Uncertainty Modelling and Updating Using the Ensemble Kalman Filter (SPE-130422) - <i>A. Seiler* (University of Bergen) & O. Lia (StatoilHydro)</i>
10:20	G035 Review of Ray-born Forward Modeling for Migration - <i>T.J. Moser*</i>	I035 History Matched Full Field Geomechanics Model of the Valhall Field Including Water Weakening and Re-pressurisation (SPE-131505) - <i>T. Kristiansen* (BP) & B. Plischke (Isam)</i>
10:45	G036 Sea Bed Diffraction and Impact on 4D Seismic Data – Observations from Synthetic Modelling and Field Data - <i>B. Osdal* (Statoil), S. Grude (NTNU) & M. Landrø (NTNU)</i>	I036 EnKF-MCMC (SPE-131375) - <i>A. Reynolds* (University of Tulsa) & A. Emerick (Petrobras)</i>
11:10	Break	Break
11:30	G037 Orient VSP Receivers Using Diffracted Energy - <i>M. Humphries* (VSProwess Ltd)</i>	I037 Development of a Data Partition Technique for Optimization Methods in History Matching (SPE-130473) - <i>Y. Ding* (IFP)</i>
11:55	G038 Unified Approach to Velocity Estimation and Imaging - <i>B.R. Zavalishin* (Gubkin Russian State University of Oil and Gas)</i>	I038 The Choice of the "Best" Assisted History Matching Algorithm for Subsurface Characterization in Reservoir Engineering (SPE-131088) - <i>R. Hanea* (TNO), J. Przybysz-Jarnut (Delft University of Technology), M. Krymskaya (Delft University of Technology), A. Heemink (Delft University of Technology) & J. Jansen (Delft University of Technology)</i>
12:20	G039 Parameterization of Seismic Measurements by FPRs – Combining Physics With Mathematics - <i>A.J. Berkhout* (Delft University of Technology) & D.J. Verschuur (Delft University of Technology)</i>	I039 A New Computer Assisted History Matching Method (SPE-130426) - <i>G. Mittermeir* (Heinemann Oil), F. Abraham (Zuetina) & Z. Heinemann (Heinemann Oil)</i>
12:45	G040 Separation and Imaging of Seismic Diffractions in Dip Angle Domain - <i>A. Klokov* (Opera), R. Baina (Opera) & E. Landa (Opera)</i>	I040 Seismic History Matching of Nelson – An Investigation of 4D Signature Calibration (SPE-131538) - <i>K. Stephen* (Heriot-Watt University) & A. Kazemi (Heriot-Watt University)</i>
13:10	Break	Break
	Seismic and GPR Diffraction Modeling and Imaging (EAGE) <i>T.J. Moser, M.A. Pelissier (Marathon Oil Co.)</i>	Updating the Reservoir Model 2 (Europec) <i>G. Williams (BP Exploration), J. Brint (Shell International Exploration & Production BV)</i>
14:30	G041 Diffractions – Yesterday, Today, and Tomorrow - <i>E. Landa* (Opera)</i>	I041 Optimization, Uncertainty Analysis and Upscaling of Rock-physic Models (SPE-130303) - <i>A. Kazemi* (Heriot-Watt University) & D. Modin (Total)</i>
14:55	G042 Imaging Random Media Effects for Imaging - <i>L. Borcea* (Rice University), F. Gonzales del Cueto (Shell), G. Papanicolaou (Stanford University) & C. Tsogka (University of Crete)</i>	I042 Rebuilding Existing Geological Models (SPE-130976) - <i>S. Da Veiga* (IFP) & M. Le Ravalec-Dupin (IFP)</i>
15:20	G043 Diffraction Imaging of Vertical Fractures and Karst With Full-resolution 3D GPR, Cassis Quarry, France - <i>M. Grasmueck* (University of Miami), M. Coll (University of Barcelona), G.P. Eberli (University of Miami) & K. Pomar (University of Miami)</i>	I043 Optimal Parameter Updating in Assisted History Matching of the Nelson Field Using Streamlines as a Guide (SPE-131540) - <i>K. Stephen* (Heriot-Watt University) & A. Kazemi (Heriot-Watt University)</i>
15:45	G044 Fracture Detection by Diffraction Imaging - <i>C. Tsingas* (Saudi Aramco), B. El Marhoul (Saudi Aramco) & A. Dajani (Saudi Aramco)</i>	I044 Layering and Oil Recovery – The Impact of Permeability Contrast, Gravity, Viscosity and Dispersion (SPE-131602) - <i>S. Tungdumrongsub* (Imperial College London) & A. Mugeridge (Imperial College London)</i>
16:10	Break	Break
16:30	G045 Specular-diffraction Imaging by Directional Angle Decomposition - <i>Z. Koren* (Paradigm), I. Ravve (Paradigm) & R. Levy (Paradigm)</i>	I045 History Matching with Differential Evolution Approach – A Look at New Search Strategies (SPE-130253) - <i>Y. Hajizadeh* (Heriot-Watt University), M. Christie (Heriot-Watt University) & V. Demyanov (Heriot-Watt University)</i>
16:55	G046 3D Poststack Interval Velocity Analysis using Diffractions - <i>M. Reshef* (Tel Aviv University) & E. Landa (Opera)</i>	I046 History Matching of a Realistic Stochastic Sub-seismic Fault Model (SPE-129759) - <i>M. Verscheure*, A. Fournio (IFP) & J.P. Chils (ENSMP)</i>

17:20	G047 Velocity Estimation by Image Focusing Analysis - <i>B.L. Biondi*</i> (Stanford University)	I047 Ensemble Based 4D Seismic History Matching – Integration of Different Levels and Types of Seismic Data (SPE-131453) - <i>A. Fahimuddin*</i> (University of Bergen), <i>S. Aanonsen</i> (Statoil) & <i>J.A. Skjervheim</i> (Statoil)
17:45		I048 An Integrated Approach on Carbonate Reservoir Evaluation by Combining Borehole Image and NMR Logs – A Case study in Ordovician Carbonate, East China (SPE-131580) - <i>H. Huijun*</i> (Schlumberger) & <i>H. Yun</i> (Sinopec)

Oral presentations

Thursday 17 June

	ROOM 123	ROOM 124
	Basin Analysis and Petroleum Geochemistry (EAGE) <i>B. Wygrala (Schlumberger), S. Quesada (Repsol)</i>	Shared Earth Model / Reservoir Simulation (EAGE) <i>A. Al-Awami (Saudi Aramco), J. Legulijt (Shell International Exploration & Production BV)</i>
09:30	JO33 Basin Modeling Along Emergent Island Arcs and Oblique Convergent Margins – Impact on Petroleum System – SE Caribbean Case - <i>A. Escalona* (University of Stavanger), W. Fjeldskaar (University of Stavanger) & P. Mann (University of Texas)</i>	KO33 From RESCUE to RESQML – The Open Standard Format of Reservoir Earth Model Takes Up New Dimensions and Momentum - <i>R. Henri-Bally* (Total), J.F. Rainaud (IFP), L. Towery (BP), J. Schey (Energistics), D. Heath (Transform), P. Sabharwal (Halliburton) & C. Sewell (Baker Hughes)</i>
09:55	JO34 Influence of Surface Temperatures on Source Rock Maturity – An Example from the Arctic - <i>S. Nelskamp (TNO), T. Donders (TNO), J.D. van Wees (TNO) & O. Abbink* (TNO)</i>	KO34 A Knowledge-driven Shared Earth Modeling Workflow for Seismic Interpretation and Structural Model Building - <i>J.F. Rainaud* (IGP), P. Verney (IGP) & L. Mastella (Mines ParisTech)</i>
10:20	JO35 Thermal Regime Defines Oil and Gas Potentials in the Volga Region - <i>I. S. Abrosimova* (Kazan State University) & B.T. Burganov (Kazan State University)</i>	KO35 Seismic History Matching in Fractured Reservoirs Using a Consistent Stiffness-permeability Model – Focus on the Aperture - <i>A. Shahraini* (University of Bergen/CIPR), M. Jakobsen (University of Bergen/CIPR) & A. Ali (University of Bergen)</i>
10:45	JO36 Maikop Hydrocarbon System of the Caucasus Region - <i>N.P. Fadeeva* (Moscow State University), M.L. Saint-Germes (Beicip) & E.N. Poludetkina (Moscow State University)</i>	KO36 Effect of Natural Fracture on Hydraulic Fracture Propagation in Naturally Fractured Reservoir – A Finite Element Modeling - <i>M. Rahman* (University of New South Wales)</i>
11:10	Break	Break
11:30	JO37 Nitrogen Source for the Main Dolomite Natural Gas in the Sulecin Isolated Platform Area – Verification of Existing Theory - <i>P. Zdanowski* (Polish Oil & Gas Co. (PGNiG)) & K. Wozniak (Polish Oil & Gas Co. (PGNiG))</i>	KO37 Impact of Three-phase Relative Permeability Model on Recovery in Mixed Media – Miscibility, IFT and Hysteresis Issues - <i>S.H. Behzadi (University of Wyoming) & V. Alvarado* (University of Wyoming)</i>
11:55	JO38 Modeling of the Petroleum System in Reggane Basin, Algeria - <i>F. R. Monreal* (Repsol), A. Eid (Repsol) & R. Afrazmanech (Repsol)</i>	KO38 New Development for Model Selection Criteria in Reservoir History Matching - <i>M.M. Rafiee* (Freiberg University of Mining and Technology) & F. Haefner (Freiberg University of Mining and Technology)</i>
12:20	JO39 Migration Mechanisms and Pathways in the Nile Delta Fan - <i>U. Boeker* (University of Newcastle), A.C. Aplin (University of Newcastle) & T. Dodd (BP Egypt)</i>	KO39 New Techniques for Auto-regionalisation of Reservoirs - <i>R.G. Parish* (Roxar), D.A. Wooff (Science Laboratories), J.G. Hamman (Marathon Oil Corp.) & D.H. Caldwell (Marathon Oil Corp.)</i>
12:45	JO40 Decompartmentalisation of a Multiepisodic Fault System, Barcelona Plain, NE Spain - <i>I. Cantarero* (University of Barcelona), A. Travé (University of Barcelona), G. Alías (University of Barcelona) & V. Baqués (University of Barcelona)</i>	KO40 Natural Cross-flow Rate Modeling in Complex Reservoirs - <i>M.R. Jalali* (University of Waterloo), J.M. Embry (GEOMECH Group), F.J. Santarelli (GEOMECH Group) & M.B. Dusseault (University of Waterloo)</i>
13:10	Break	Break
	Carbonate and Fractured Reservoirs (EAGE) <i>R.J. Godfrey (Schlumberger), A. Al Eidan (Kuwait Oil Company (K.S.C.))</i>	Sub-salt and Sub-basalt Exploration and Development (EAGE) <i>H. El Euch (Repsol), E. Al-Mustafa (Saudi Aramco)</i>
14:30	JO41 Diagenetic Evolution During Progressive Development of Neogene Faults, NE Spain - <i>V. Baqués* (University of Barcelona), A. Travé (University of Barcelona), A. Benedicto (Areva), P. Labaume (University of Montpellier) & I. Cantarero (University of Barcelona)</i>	KO41 The Quest for Subsalt Imaging – The Next Chapter - <i>S. Kapoor* (WesternGeco), N. Moldoveanu (WesternGeco), D. Vigh (WesternGeco) & H. Li (WesternGeco)</i>
14:55	JO42 A Hierarchical Database on Carbonate Geobodies and its Application to Reservoir Modelling Using Multi-point Statistics - <i>A. Jung* (University of Tübingen), T. Aigner (University of Tübingen), D. Palermo (Eni E&P), S. Nardon (Eni E&P) & M. Pontiggia (Eni E&P)</i>	KO42 Sub-basalt Strata Geophysical Imaging - <i>R. Fainstein* (WesternGeco) & D. Joshi (Kuwait Oil Co.)</i>
15:20	JO43 Fractures Characterization in Carbonate Rocks - <i>B. Sapiie* (Institute of Technology Bandung)</i>	
15:45	JO44 Structural Controls and Plattendolomit Reservoir Description of the Wissey Field, UK Southern North Sea - <i>C. Duguid* (University of Edinburgh) & J.R. Underhill (University of Edinburgh)</i>	KO44 Incorporation of Sediment Inclusions in Detailed Salt Modeling Improves Subsalt Imaging in the Gulf of Mexico - <i>M. Schoemann* (Statoil), S. McLallen (Statoil), D. Valasek (Statoil), B. Yu (CGGVeritas) & R. Zhong (CGGVeritas)</i>
16:10	Break	Break
16:30	JO45 Using Duplex Wave Migration for Mapping of Fracture Zones in Oil-fields from Northern Russia - <i>I.U. Khromova* (Lukoil) & B.H. Link (Tetrale Technologies Inc.)</i>	KO45 Simultaneous Joint Inversion of Seismic, Gravity, and EM Data for Subsalt Depth Imaging in Gulf of Mexico - <i>M. Virgilio* (WesternGeco), M. De Stefano (WesternGeco), S. Re (WesternGeco), F. Golfè Andreasi (WesternGeco) & F.F.C. Snyder (WesternGeco)</i>

16:55	JO46 Estimating In-situ, Anisotropic, Principal Stresses from 3D Seismic - <i>F.D. Gray*</i> (CGGVeritas), <i>P.F. Anderson</i> (Apache Corp.), <i>J. Logel</i> (Talisman Energy), <i>F. Delbecq</i> (CGGVeritas) & <i>D. Schmidt</i> (CGGVeritas)	K046 3D Seismic Among Icebergs in a Volcanic Provenance – A Successful Project Offshore Greenland Using Dual-sensor Streamers - <i>P.E. Dhelie*</i> (PGS) & <i>L.R. Miller</i> (Husky Energy)
17:20	JO47 Geology of a Giant Bitumen Reservoir – Grosmont Formation, Northeast Alberta, Canada - <i>K.R. Barrett*</i> (Laricina Energy Ltd)	K047 Effects of Interface Rugosity on Elastic Wave Propagation - <i>S. Del Giudice*</i> (Polytechnic University of Milan), <i>D. Rovetta</i> (Aresys s.r.l.), <i>G. Bernasconi</i> (Polytechnic University of Milan) & <i>A. Ravasio</i> (Eni E&P)
17:45	JO48 Reactivity of Dolomitizing Fluids and Evaluation of Mg Sources in the Benicassim Area (Maestrat Basin, E Spain) - <i>E. Gomez-Rivas*</i> (Autonomous University of Barcelona), <i>M. Corbella</i> (Autonomous University of Barcelona), <i>J.D. Martin-Martin</i> (University of Barcelona), <i>A. Teixell</i> (Autonomous University of Barcelona) & <i>E. Cardellach</i> (Autonomous University of Barcelona)	K048 Advances in Sub-basalt Exploration in the Faroe-Shetland Basin - <i>R. Fletcher*</i> (Statoil) & <i>J.W. Gallagher</i> (Statoil)

Oral presentations

Thursday 17 June

	ROOM 125	ROOM 127/128
	Managing Uncertainties (EAGE/Europec) <i>A.I. Best (National Oceanography Centre Southampton), G. Williams (BP Exploration)</i>	Advances in Near Surface Geophysical Methods (EAGE) <i>J.I. Mars (LIS - Lab. Des Images et des Signaux), A. Ozbek (Schlumberger Cambridge Research)</i>
09:30	L033 Conceptual Uncertainty in Geological Interpretation of Borehole Image Logs - <i>P. Zarian* (Baker Hughes) & S. N. Dymmock (Baker Hughes)</i>	M033 Closed-loop Frequency MET Geophone – Operating Principles and Parameters - <i>V. M. Agafonov* (MET Tech Inc./Moscow Institute of Physics and Technology), E.I. Egorov (MET Tech Inc./Moscow Institute of Physics and Technology) & C.E. Rice (MET Tech Inc.)</i>
09:55	L034 Bias in Geophysical Interpretation - <i>P.S. Rowbotham* (AGR-Petroleum Services), P. Kane (AGR Petroleum Services) & M.R. Bentley (AGR Petroleum Services)</i>	M034 3D Near Surface Imaging Thanks to Refraction Tomography and Delay Method - <i>J.L.O. Mari* (IFP) & M. Mendes (Instituto Superior Técnico (IST))</i>
10:20	L035 Assessing Geometric Uncertainties in Solid Earth Models - <i>J.L. Mallet (Paradigm), A.L. Tertois* (Paradigm), E. Gringarten (Paradigm) & A. Haouesse (Paradigm)</i>	M035 High Resolution 3D Tunnel Seismic Reflection at Olkiluoto, Finland - <i>C. Cosma* (Vibrometric), N. Enescu (Vibrometric), M. Lahti (Posiva Oy), E. Heikkinen (Poyry Oy) & T. Ahokas (Poyry Oy)</i>
10:45	L036 Seeking a Common Resources Reporting Code – The Mapping Option - <i>J.R. Etherington* (PRA International Ltd)</i>	M036 In-situ Porosity and Permeability Estimation from the VSP Data Using Integrated Poroelastic Model - <i>A. Zhubayev* (Delft University of Technology) & R. Ghose (Delft University of Technology)</i>
11:10	Break	Break
11:30	L037 Reserves Estimations under New SEC 2009 When Using Probabilistic Methods (SPE-131241) - <i>R. Wheaton* (BG Group) & C. Coll (BG Group)</i>	M037 Joint Inversion of P-waves Refraction Traveltimes and Surface Waves Dispersion Curves - <i>C. Piatti* (Politecnico di Torino) & L.V. Socco (Politecnico di Torino)</i>
11:55	L038 Bayesian Decision Networks for Optimal Placement of Horizontal Wells (SPE-129984) - <i>M.A. Rajaieyamchee* (University of Stavanger)</i>	M038 Comparative Study on Damping and Smoothing Constraints for the Inversion of Surface Waves Data - <i>G.S. Kritikakis* (Technical University of Crete) & A. Vafidis (Technical University of Crete)</i>
12:20	L039 Managing Field Development Uncertainty in The Geologically Complex Stringer Sands in Offshore Saudi Arabia (SPE-129605) - <i>P. Warren* (Saudi Aramco) & F. Al-Ghamdi (Saudi Aramco)</i>	M039 Lateral Discontinuity Localization and Characterization by Means of Enhanced Statistical Phase Analysis of Surface Waves - <i>G. Vignoli* (University of Padua/University of Ferrara), C.L. Strobbia (WesternGeco), G. Cassiani (University of Padua) & P.L. Vermeer (WesternGeco)</i>
12:45	L040 Holistic Automated Workflows for Reservoir and Production Optimization (SPE-130205) - <i>G. Carvajal* (Halliburton), M. Toro (Landmark), M. Szatny (Halliburton), G. Robinson (Landmark) & J. Estrada (Halliburton)</i>	M040 Verification of Soil Profiles Obtained from Experimental Rayleigh-wave Dispersion Inversion Using Synthetic Microtremors - <i>K. Tokeshi* (Politecnico di Torino) & L.V. Socco (Politecnico di Torino)</i>
13:10	Break	Break
	Integrated Field Development (EAGE/Europec) <i>J. Martin (John H Martin Associates Ltd), N.D. Robinson (BP Exploration)</i>	Near Surface Effects for E&P / Civil Engineering Applications (EAGE) <i>C.L. Strobbia (WesternGeco)</i>
14:30	L041 Applied Reservoir Management by Pseudo 3D Acoustic Impedance and Qualitative Geostatistic Analysis at SKM Field - <i>G.W. Ausetiawan* (BPMigas), A.F. Fathoni (Pertamina EP Java) & D.A.H. Husnil (Roxar Indonesia)</i>	M041 Rayleigh Wave Inversion for the Near-surface Characterization of Shallow Targets in Kuwait - <i>A. El-Emam* (Kuwait Oil Co.), C.L. Strobbia (WesternGeco), J. Al-Genai (Kuwait Oil Co.) & J. Roth (WesternGeco)</i>
14:55	L042 Model Based Control Techniques for Control and Optimization of Oil Wells Segments – Example of Applications - <i>O.T. Taha* (Saudi Aramco), N.M. Nabil (SPE/Saudi Aramco) & M.R. Khan (SPE/Saudi Aramco)</i>	M042 Near-surface Characterization Using Point Receiver Data - <i>L. Velasco* (WesternGeco), C. Strobbia (WesternGeco) & A. Laake (WesternGeco)</i>
15:20	L043 What Would Be the Minimum Subsurface Information Before Making Decision to Develop the Field – A Case Study from El Toor - <i>M.M. Elmahi* (GNPOC) & A.A. Mohamed (GNPOC)</i>	M043 Estimation and Application of Full Waveform Redatuming Operators - <i>P.R. Haffinger* (Delft University of Technology) & D.J. Verschuur (Delft University of Technology)</i>
15:45	L044 Improved Well Delivery Using Advanced Technology and Integrated Processes in the Planning Phase - <i>R. Flatebø (BP Norway), J. Kvernstrøm (BP Norway), R.S.H. Pettersen* (BP Norway) & V. Ulen (BP Norway)</i>	M044 Gabor Domain Analysis of Q in the Near-surface - <i>R.J. Ferguson* (University of Calgary), G.F. Margrave (University of Calgary) & K.W. Hall (University of Calgary)</i>
16:10	Break	Break
16:30	L045 Development Planning for Multiple Fields Consisting of Stacked Sands and Containing Multiple Fluids, Jenein Sud, Tunisia (SPE-130109) - <i>K. Mantatzis* (OMV), Y. Boisseau (OMV), J. Steckhan (OMV), P. Torres (OMV) & T. Clemens (OMV)</i>	M045 Shear Wave Velocity Model from Surface Wave Analysis – A Field Case Example - <i>R. Wisén (Rambøll Denmark), D. Boiero* (Gamut s.r.l.), M. Maraschini (Politecnico di Torino) & L.V. Socco (Politecnico di Torino)</i>
16:55	L046 Fulmar Sandstones – Correcting Some Received	

cont.	Wisdoms in the Greater Kittiwake Area, North Sea (SPE-130414) - <i>G. Coghlan*</i> (<i>Venture Production</i>)	M046 Surface and Borehole Refraction Surveys in Copenhagen, Denmark - <i>J.A. Mendoza (COWI) & K. Martinez*</i> (<i>COWI</i>)
17:20	L047 Optimal Reservoir Modelling Improves Development Decision Making for a Fractured UK Onshore Oil Field – A Case Study (SPE-130105) - <i>M. Bozorgzadeh*</i> (<i>RPS Energy</i>), <i>J. Brown (RPS Energy)</i> , <i>R. Bobolecki (RPS Energy)</i> , <i>D. Meehan (Providence Resources)</i> , <i>K. Bone (Providence Resources)</i> & <i>A. Rawlinson (Apecs Consulting)</i>	M047 An Interesting Property of the Seismic Wavefield – Scale Properties for Waveform Matching - <i>M. Maraschini*</i> (<i>Politecnico di Torino</i>), <i>D. Boiero (Politecnico di Torino)</i> , <i>S. Foti (Politecnico di Torino)</i> & <i>L.V. Socco (Politecnico di Torino)</i>
17:45	L048 Integrated Log Interpretation Approach for Underground Gas Storage Characterization (SPE-131536) - <i>F. Verga*</i> (<i>Politecnico di Torino</i>), <i>S. Cantini (Schlumberger)</i> , <i>W. Klopf (Schlumberger)</i> & <i>R. Revelant (Politecnico di Torino)</i>	M048 Rock Physical Interpretation of Geophysical Data for Soil Profiling - <i>T. Takahashi*</i> (<i>Fukada Geological Institute</i>)

Oral presentations

Thursday 17 June

ROOM 118

Unconventional Challenges (Europec)
C.M. Coll (BG Group), M.R. Sanders (Baker Hughes)

- 09:30 **E033** Fracturing Design Aimed at Enhancing Fracture Complexity (SPE-130043) - *M. Soliman* (Halliburton), L. East (Halliburton), J. Augustine (Halliburton), A. Daneshy (Daneshy Consultants) & R. Tucker (Halliburton)*
- 09:55 **E034** Comparison of Different Deliverability Testing Techniques in Low Permeability Gas Reservoir and its Impact on the Absolute Open Flow (AOF) Estimation (SPE-130552) - *K. Mohammed* (Repsol), K. Mohammed (Repsol), I. Yemez (Repsol), H. Stigliano (Repsol), M. Vicente (Repsol) & R. Angulo (Repsol)*
- 10:20 **E035** Drilling Through Gas Hydrate Sediments – Managing Wellbore Instability Risks (SPE-131332) - *G. Falcone* (Texas A&M University), T. Khabibullin (Texas A&M University), C. Teodoriu (Clausthal University of Technology) & O. Bello (Texas A&M University)*
- 10:45 **E036** Real-time Production Optimization for a Mature Onshore Field in Austria (SPE-130082) - *E. Nederlof* (OMV) & S. Huber (OMV)*
- 11:10 Break
- 11:30 **E037** Possibilities of the Methane Utilization from Mined and Unmined Coal Seams in Poland (SPE-130528) - *J. Stopa* (AGH), S. Nawrat (AGH) & S. Rychlicki (AGH)*
- 11:55 **E038** Targeting Zonal Isolation Challenges on the Strategic Szoreg UGS Project – Hungary (SPE-125479) - *M. Urraca* (Schlumberger) & I. Balazs (MOL)*
- 12:20 **E039** The Influence of CO₂ Solubility in Brine on Simulation of CO₂ Injection into Water Flooded Reservoir and CO₂ WAG (SPE-131094) - *E. Stenby* (Technical University of Denmark)*
- 12:45 **E040** CO₂ Sequestration in a Depleted Gas Field – A Material Balance Study (SPE-131384) - *S.M. Avasthi* (Avasthi & Associates), A. Ghotekar (Avasthi & Associates) & M. Stein*
- 13:10 Break
- Reservoir Monitoring and Management (Europec)
A.C. Gringarten (Imperial College London), J.V. Ovens (Improved Recovery Consulting)
- 14:30 **E041** Successful Installation of Straddle With Inflow Control Device to Restrict Gas Influx – A Case History From the Heidrun Field (SPE-131534) - *M. Gudmundseth Nielsen* (Statoil), P. Svela (Statoil), I. Auflem (Statoil) & F. Porturas (Schlumberger)*
- 14:55 **E042** Pressure Fall-off Method for CO₂ Leakage Detection in Deep Saline Aquifers (SPE-131675) - *C. Ehlig-Economides* (Texas A&M University), A. Anchliya (Chevron) & B. Song (Texas A&M University)*
- 15:20 **E043** Calibration and Analysis of a Novel Downhole Sensor to Determine Fluid Viscosities (SPE-131322) - *G. Falcone* (Texas A&M University), J. Rondon (Texas A&M University) & M. Barrufet (Texas A&M University)*
- 15:45 **E044** New Method for Fluid Level Depression Test Interpretation Based on Modern Multiphase Flow Calculation Techniques (SPE-129562) - *A. Semenov* (Rosneft), M. Khasanov (Rosneft), R. Khabibullin (Rosneft), V. Krasnov (Rosneft) & A. Pashali (Rosneft)*
- 16:10 Break
- 16:30 **E045** Gas Injection Optimization under Uncertainty: Impact of Selective Well Completion and Reservoir Parameters on Dynamic Response and Economics in a Giant Gas Condensate Reservoir in Venezuela (SPE-131373) - *G. Griborio* (Halliburton) & A. Gonzalez*
- 16:55 **E046** Forward Modelling Techniques Used to Predict Welltest Permeability (SPE-131275) - *C. Sirju* (BG Group), T. Pritchard (BG Group), M. Lovell (University of Calgary), S. Davies (University of Leicester) & K. Jeffrey*

cont. (University of Leicester)

17:20 **E047** Exciting New Technology for Monitoring HT Wells (SPE-129616) - *D. Shanks** (Zenith Oilfield Technology)

17:45 **E048** Condensate Banking Evaluation Phenomenon in Heterogeneous Low Permeability Reservoirs (SPE-131582) - *D. Giamminonni** (Eni), *G. Fanello* (Eni), *M. Kfoury* (Eni), *I. Colombo* (Eni), *A. Bonzani* (Eni) & *S. Valzania* (Eni)

Poster presentations

Tuesday 15 June

	POSTERBOX 01	POSTERBOX 02
	HSE (EAGE) <i>J. Al-Kandari (Kuwait Oil Company (K.S.C.)), H. Wilson (Paras Limited - Part of The RPS Group)</i>	
09:30	P001 Using the EMS Approach to Minimise Environmental Impact of Seismic Operations - <i>J Stone* (BP), E. Rainey (BP) & B. Taylor (BP)</i>	
09:55	P002 Distributed Vibration Measurements to Prevent Structural Damage – A Novel Application of Wireless Sensor Networks - <i>M. Piantanida* (Eni E&P), M. Veneziani (Eni E&P), M. Fermi (Eni E&P), S. Brigas (Eni E&P) & T. Harvei (ABB)</i>	
10:20	P003 Seismic Risk Analysis of Small Earthquakes Induced by Hydrocarbon Production in The Netherlands - <i>B.B.T. Wassing (TNO), P.H. Waarts (TNO), W. Roos (TNO), M. Nepveu (TNO), A.G. Muntendam-Bos (TNO), T. van Eck (Royal Netherlands Meteorological Institute) & O. Leeuwenburgh* (TNO)</i>	
10:45	P004 A Governance Framework for Sustainable Oil and Gas Business Transformation - <i>B. Motoc* (Allied Bionics Inc.)</i>	
11:10	Break	
11:30	P005 Responsible Marine Seismic Exploration in an Area With a Piracy Risk – Indian Ocean Case Study - <i>N. Millar* (Origin Energy), K. Carroll (Origin Energy), A. Camerer (Fugro-Geoteam) & T. Ellis (Drum Cussac)</i>	
11:55	P006 Carbon Challenges - <i>E.T. Haynes* (Ceradon Ltd)</i>	
12:20	P007 Modernisation of Saudi Cadastre - <i>M. Alrajhi* (Deputy Ministry for Land and Surveying) & M. Hawarey (Deputy Ministry for Land and Surveying)</i>	
12:45	P008 Investigation on Origins of Hydrogen Sulfide Production in Sweet Gas Fields - <i>M. Farokhrouz (National Iranian Oil Co.), M.R. Asef (Tarbiat Moallem University) & E. Adibi Sedeh* (Shahrood University of Technology)</i>	
13:10		
		IOR Reservoir Simulation (EAGE) <i>R. Villegas (University of Leeds), S. Skachkov (Total E&P UK)</i>
14:30		P031 Modeling WAG Experiments with Three-phase Hysteretic Fractal Model - <i>J.P. Duquerroix* (IFP), S. Sygouni (IFP), S. Bekri (IFP), O. Vizika (IFP) & E. Fernandez Righi (YPF)</i>
14:55		P032 IOR Technologies Using Thermotropic Inorganic Gel for High-viscosity Oil Pools at Thermal-steam Treatment - <i>L.K. Altunina* (Institute of Petroleum Chemistry SB RAS), V.A. Kuvshinov (Institute of Petroleum Chemistry SB RAS) & S.O. Ursegov (Stock Company PechorNIPIneft)</i>
15:20		P033 Effects of Wettability and Composition on Tertiary Gas Injection in Fractured Carbonate Rocks - <i>H. Karimaie* (Norwegian University of Science and Technology)</i>
15:45		P034 Planning of Complex Cyclic-steam and Physical-chemical Treatment of High-viscosity Oil Pools - <i>I. Kuvshinov* (Institute of Petroleum Chemistry SB RAS)</i>
16:10		Break
16:30		P035 Viscous and Gravity Effects at CO2 Injection - <i>G. Calderon* (University of Stavanger) & L. Surguchev (IRIS)</i>
16:55		P036 Numerical Laplace Inversion Methods – Calculation of the Water Influx from Aquifers Connected to Petroleum Reservoirs - <i>M.V.B. Machado* (Petrobras)</i>
17:20		P037 An Experimental Investigation of Three-phase Flow Through Water-wet Rocks - <i>M. Masihi* (Sharif University of Technology) & L. Javanbakht (Sharif University of Technology)</i>
17:45		P038 How an Innovative Adaptive Fine Calculation Can Help in Coning Simulation - <i>R.D. Darvishi* (Petropars), A. D. Dastyari (Petropars), A.M. Mojdeh (Petropars) & M.H. Haghghi (University of Adelaide)</i>

Poster presentations

Tuesday 15 June

POSTERBOX 04

POSTERBOX 05

	POSTERBOX 04	POSTERBOX 05
		Mining & Geothermal (EAGE) <i>D.J. Orłowski (DMT GmbH & Co. KG), A. Casas (University of Barcelona)</i>
09:30		P011 Targeting for Geothermal Energy Production – Reservoir Characterization and Geothermal Potential of the Delft Sandstone - <i>R.M. Groenenberg* (Delft University of Technology), D.T. Gilding (Delft University of Technology), M.E. Donselaar (Delft University of Technology), G.I.A. Drost (Delft University of Technology), M.H.A. Korenromp (Delft University of Technology), M. Loerakker (Delft University of Technology), C.J.I. Wiggers (Delft University of Technology), A.K.T. Wever (Delft University of Technology) & K.A.A. Wolf (Delft University of Technology)</i>
09:55		P012 Exploration of the Deep Structure of the Central Greece Geothermal Field by Passive Seismic and Curie Depth Analysis - <i>V.K. Karastathis* (National Observatory of Athens), J. Papoulia (Hellenic Centre for Marine Research), B. Di Fiore (National Observatory of Athens), J. Makris (GeoPro GmbH), A. Tsambas (Hellenic Centre for Marine Research), A. Stampolidis (Aristotle University of Thessaloniki) & G.A. Papadopoulos (National Observatory of Athens)</i>
10:20		P013 Enhanced Velocity Modeling for a Geothermal Project in the Southern Vienna Basin – A Stacking Velocity Approach - <i>C.G. Eichkitz* (Joanneum Research Forschungsgesellschaft) & J. Amtmann (Joanneum Research Forschungsgesellschaft)</i>
10:45		P014 3-D Seismic Modelling of the Flin Flon VMS Mining Camp - <i>M. Malinowski* (Institute of Geophysics PAS), D. White (Geological Survey of Canada) & E. Schetselaar (Geological Survey of Canada)</i>
11:10		Break
11:30		P015 Reflection Seismic Investigations in the Brunswick No. 6 Mining Area, Bathurst Mining Camp, Canada - <i>S. Cheraghi* (Uppsala University), A. Malehmir (Uppsala University) & G. Bellefleur (Geological Survey of Canada)</i>
11:55		P016 Using Stochastic Borehole Seismic Velocity Tomography and Bayesian Simulation to Estimate Ni, Cu and Co Grades - <i>L. Perozzi* (INRS-EETE), E. Gloaguen (INRS-EETE), S. Rondenay (MIT), A. Leite (Vale Inco) & G. McDowell (Vale Inco)</i>
12:20		P017 Enhanced Airborne Detection of Perfect Conductors through Estimation of Primary Field Components - <i>A. Smiarowski* (University of Toronto), J. Macnae (RMIT University) & R. Bailey (University of Toronto)</i>
12:45		P018 Investigation of Rocks Electrochemical Activity - <i>G. A. Kudaikulova* (Kazakh National Technical University)</i>
13:10		
	Building and Updating of Subsurface 3D Models (EAGE) <i>K.D. Stephen (Heriot-Watt University)</i>	
14:30	P041 Joint Interpretation of Rapid 4D Seismic with Pressure Transient Analysis - <i>H. Hamdi* (Heriot-Watt University), P.W.M. Corbett (Heriot Watt University) & A. Curtis (Edinburgh University)</i>	
14:55	P042 Permeability Modeling Using ANN and Collocated Cokriging - <i>A. Zarei (Petroleum University of Technology) & M. Masihi* (Sharif University of Technology)</i>	
15:20	P043 Extracting and Unfolding a Stratigraphic Unit to Update Property Population - <i>S. Horna (IFP), C. Bennis (IFP), T. Crabie (Disten), S. Peltier (XLIM/University of Poitiers) & J.F. Rainaud* (IFP)</i>	
15:45	P044 Ensemble-based Reservoir Characterization Using Time-lapse Seismic Waveform Data - <i>O. Leeuwenburgh* (TNO), J. Brouwer (TNO) & M. Trani (Delft University of Technology)</i>	
16:10	Break	
16:30	P045 Improved Convergence in Seismic History	

cont.	Matching Combining Experimental Design with a Divide and Conquer Approach - <i>F. Sedighi*</i> (Heriot-Watt University) & <i>K.D. Stephen</i> (Heriot-Watt University)	
16:55	P046 Semivariogram Parameters for Carbonate Reservoirs – Geological Variability and Potential Impact on Dynamic Modeling - <i>W.S. Meddaugh*</i> (Chevron Energy Technology Co.)	
17:20		
17:45		

Poster presentations

Tuesday 15 June

	POSTERBOX 06	POSTERBOX 08
09:30		
09:55		
10:20		
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12:20		
12:45		
13:10		
	Civil Engineering Applications (EAGE) <i>B. Piwakowski (Ecole Centrale de Lille)</i>	Recovery Optimisation (Europec) <i>M. Brignoli (ENI S.p.A. - E&P Division), D.R. Perez (Schlumberger Overseas)</i>
14:30	P051 Optimising the Sweep Generation and Emission for Portable Vibratory Sources - <i>A. Kosecki* (INERIS), B. Piwakowski (Ecole Centrale de Lille) & L. Driad-Lebeau (INERIS)</i>	EU01 Improved Permeability Prediction in Heterogenous Carbonate Formations (SPE-131606) - <i>A. Burrowes* (BG Trinidad & Tobago)</i>
14:55	P052 On the Spectral Analysis of Rayleigh Waves for the Shear Wave Velocity Evaluation in the Shallow Section - <i>V. Bardan* (Geological Institute of Romania), P. Cristea (Geological Institute of Romania), V. Manj (Geological Institute of Romania) & C. Nitica (Geological Institute of Romania)</i>	EU02 Proppant Hydraulic Fracturing in Low Permeability and Low Acid-soluble Carbonate Reservoir – A Case History (SPE-130518) - <i>S. Pujiastuti* (Medco), E. Wijayanti (Medco), H. Nugroho (Medco), N. Istono (Medco), R. Wijaya (Halliburton) & N. Komalasari (Halliburton)</i>
15:20	P053 Detection of Geological Structures Ahead of the Tunnel Construction Using Tunnel Surface-waves - <i>S. Jetschny* (Karlsruhe Institute of Technology), T. Bohlen (Karlsruhe Institute of Technology) & A. Kurzmann (Karlsruhe Institute of Technology)</i>	EU03 Indonesian Operator's First Field-wide Application of Intelligent-well Technology - A Case History(otc21063) - <i>K. Sam-Youl* (Kodeco Energy Co.) & D. Finley (Halliburton)</i>
15:45	P054 Time-lapse Cross-borehole Electrical Resistivity Tomography Monitoring in an Urban Tunnel Site - <i>F. Bellmunt (University of Barcelona), J. Ledo (University of Barcelona), A. Marcuello* (University of Barcelona), P. Queralt (University of Barcelona), E. Vázquez Suñé (Technical University of Catalonia), J. Carrera (Technical University of Catalonia), E. Falgàs (University of Barcelona) & V. Velasco (Technical University of Catalonia)</i>	EU04 Biot Critical Frequency Applied as Common Friction Factor for Pore Collapse and Failure of Chalk with Different Pore Fluids and Temperatures (SPE-130447) - <i>K. Andreassen* (Technical University of Denmark), I. Fabricius (Technical University of Denmark) & K. Andreassen (Technical University of Denmark)</i>
16:10	Break	Break
16:30	P055 Electrical Resistivity Tomography as a Tool in Geological Mapping - <i>S. Ostrowski* (PBG Exploration Geophysics Service Ltd), M. Lasocki (PBG Exploration Geophysics Service Ltd) & G. Pacanowski (PBG Exploration Geophysics Service Ltd)</i>	EU05 Breaking Oil Recovery Limit in Malaysian Thin Oil Rim Reservoirs – Force Balance Revisited (SPE-130388) - <i>K.S. Chan* (Petronas), E. Razak (Petronas), A. Kifli (Petronas) & N. Darman (Petronas)</i>
16:55	P056 Correlation of Thermal Conductivity and Electrical Resistivity of Soil – For Near Surface Geothermal Applications - <i>G. Frangkogiannis* (National Technical University of Athens), G. Apostolopoulos (National Technical University of Athens) & S. Stamataki (National Technical University of Athens)</i>	EU06 Procedure for Elimination of Gas-cone Using Salt Crystals – Case Study (SPE-130023) - <i>M. Megyery*, I. Koncz (MOL), A. Szittar & G. Tiszai</i>
17:20	P057 GPR Resolution – Lab Data Compared to NDT Evaluations of Structures - <i>V. Perez-Gracia* (Technical University of Catalonia), L.G. Pujades (Technical University of Catalonia), D. Di Capua (Technical University of Catalonia), R. González-Drigo (Technical University of Catalonia), O. Caselles (Technical University of Catalonia) & V. Salinas (Technical University of Catalonia)</i>	
17:45	P058 Urban Geophysics - <i>Z.M. Slepak* (Kazan State University)</i>	

Poster presentations

Tuesday 15 June

	POSTERBOX 09	POSTERBOX 10
	Sedimentology and Structural Geology (EAGE) <i>R. Salas (University of Barcelona), T.M. Alves (Cardiff University)</i>	
09:30	P021 Understanding Tectonic Evolution of the Crimea to Ensure Strategy for Hydrocarbon Prospecting Offshore Ukraine - <i>V.V. Yudin (UkrSGPI Crimean Branch) & A.A. Kitchka* (Academy of Sciences of Ukraine)</i>	
09:55	P022 The Structural Evolution and Tectonic Development of the Laptev Sea Region in Mesozoic and Cenozoic - <i>V.E. Verzhbitsky* (TGS-NOPEC Geophysical Co. Moscow) & A.K. Khudoley (St Petersburg State University)</i>	
10:20	P023 Prediction of Flow Properties of Upper Cretaceous Continental Deposits from Petrophysical and Geological Data – T. Field - <i>E. Miley* (TNNC/TNK-BP), D.V. Romanov (LTD Rospan International) & C. Elders (Royal Holloway University of London)</i>	
10:45	P024 Recent Tectonics in the Ouarzazate Basin, Moroccan Atlas – Structural Uplift and Shortening Rate from Quaternary Markers - <i>A. Pastor* (Autonomous University of Barcelona), A. Teixell (Autonomous University of Barcelona) & M.L. Arboleya (Autonomous University of Barcelona)</i>	
11:10	Break	
11:30	P025 Mapping Regional Deformation Bands Zones Using an Aerial Photographs and Field Data – A Case Study from SW Libya - <i>M. Koprianiuk* (Polish Oil & Gas Co. (PGNiG)) & M. Klos (Polish Oil & Gas Co. (PGNiG))</i>	
11:55	P026 Procedure for Oil- and Gas-bearing Reservoir Prediction in the Black Sea Area - <i>M.V. Gubarev* (Rosneft NTC), N. Kondratiev (Rosneft NTC), V. Gayduk (Rosneft NTC) & S. Proshlyakov (Rosneft NTC)</i>	
12:20	P027 Seismo-stratigraphic Study of the Plio-pleistocene Deposits of the Central Adriatic Sea, Italy - <i>L. Lipparini* (Medoigas Italia) & R. Tinterri (University of Parma)</i>	
12:45	P028 Paleo-thermal and Structural Indicators for Unraveling Burial – Exhumation Paths in the Peloritani Mts., NE Sicily, Italy - <i>L. Di Paolo* (Roma Tre University), L. Aldega (Roma Tre University), S. Corrado (Roma Tre University), R. Somma (University of Messina), M.L. Balestrieri (CNR-IGG Firenze) & R. Maniscalco (University of Catania)</i>	
13:10		
		Outcrop Analogue Description and Modelling (EAGE) <i>S. Olausson (University Centre in Svalbard (UNIS)), W.S. Meddaugh (Chevron Energy Technology Company)</i>
14:30		P061 Chemostratigraphy of the Middle Triassic, Central Iberian Basin – An Analogue for the Triassic Central Graben, North Sea - <i>T. Morgan* (Chemostrat), S. Jones (Durham University), J. Morris (Durham University), N. Meadows (Redrock International) & M. Butler (Chemostrat Ltd)</i>
14:55		P062 The Apulian Chain, Buried Below the Southern Apennines Allochthonous Units (Italy) - <i>P. Esestime* (Institute of Earth Sciences "Jaume Almera"), W. Paltrinieri ("G. d'Annunzio" University) & F. Calamita ("G. d'Annunzio" University)</i>
15:20		P063 Multi-scale Fracture Networks – Combining Subsurface Reservoir and Analogue Field Data - <i>G. Strijker* (Delft University of Technology), J. Klaver (VU University Amsterdam), J.K.J. van Koppen (Total E&P Nederland BV), B. Geiss (Total E&P Nederland BV), S.M. Luthi (Delft University of Technology) & G.V. Bertotti (VU University Amsterdam)</i>
15:45		P064 Application of Pyrenean Fractured Carbonate Outcrops for Subsurface Reservoir Characterisation - <i>J.C. Gutmanis* (GeoScience Ltd) & L. Ardevol i Oro (Geoplay Pyrenees Ltd)</i>
16:10		Break

16:30		<p>P065 Quantitative Interpretation of Multi-dimensional Seismic Models of Turbidite Channels from the Ainsa-1 Quarry, Spain - A. Jardin* (IFP), P. Joseph (IFP), M. Koochak Zadeh (IFP) & O. Lerat (IFP)</p>
16:55		<p>P066 A Three Dimensional Representation of the Fracture Network of a CO2 Reservoir Analogue (Latera Caldera, Central Italy) - A. Alemanni* (University of Rome "Sapienza"), M. Battaglia (University of Rome "Sapienza"), S. Bigi (University of Rome "Sapienza"), E. Borisova (Schlumberger), A. Campana (Schlumberger), M. Loizzo (Schlumberger) & S. Lombardi (University of Rome "Sapienza")</p>
17:20		<p>P067 3D Reconstruction of the Cotiella Extensional Listric Growth Fault System (Southern Pyrenees of Spain) - B. Lopez* (University of Barcelona), J.A. Muñoz (University of Barcelona) & J. Garcia-Senz (IGME)</p>
17:45		<p>P068 Tectonic Versus Climatic Controls on Basin-margin Alluvialfan/fan Delta Complex Development, Montserrat, NE Spain - M. López-Blanco* (University of Barcelona), M. Gómez-Paccard (Institute of Earth Sciences "Jaume Almera"), E. Costa (University of Barcelona), M. Garcés (University of Barcelona), E. Beamud (Institute of Earth Sciences "Jaume Almera") & J.C. Larrasoña (IGME)</p>

Poster presentations

Tuesday 15 June

	POSTERBOX 12	POSTERBOX 14
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	EM 1 (EAGE) <i>T. Holten (Petromarker), M.P. Hamilton (EMGS ASA)</i>	EM 2 (EAGE) <i>J.M. Virieux (Joseph Fourier University)</i>
14:30	P071 Extracting the Signal from the Noise in Marine EM Measurements - <i>E.G. Flekkøy* (Petromarker/University of Oslo), T. Holten (Petromarker), E. Håland (Petromarker) & K.J. Måløy (Petromarker/University of Oslo)</i>	P081 Using Seismic Full Waveform Inversion to Guide 1D Marine CSEM Inversions for Resolving Multiple Resistive Layers - <i>V.C. Brown* (Institute of Geophysics of Paris), K. Key (University of California San Diego) & S. Singh (Institute of Geophysics of Paris)</i>
14:55	P072 Classification of Induced Polarisation Anomalies Using Relaxation Time Attributes - <i>P.C.H. Veeken (Wintershall), Y. Y. Davidenko (SGRD), S. Ivanov (SGRD), S. Garina (SGRD) & P. Legeydo* (SGRD)</i>	P082 Fast Analytical Method for Frequency to Time Domain Conversion in CSEM Application - <i>A.M. Tehrani* (Delft University of Technology) & E.C. Slob (Delft University of Technology)</i>
15:20	P073 Transient Electromagnetic Imaging of Thin Resistive Targets – Applications for Gas Hydrate Assessment - <i>A. Swidinsky* (University of Toronto) & N. Edwards (University of Toronto)</i>	P083 Solving Spatial Sampling Problems in 2D-CSEM Interferometry using Elongated Sources - <i>J.W. Hunziker* (Delft University of Technology), Y. Fan (Colorado School of Mines), E.C. Slob (Delft University of Technology), K. Wapenaar (Delft University of Technology) & R. Snieder (Colorado School of Mines)</i>
15:45	P074 CSEM Survey over the Frigg Gas Field, North Sea - <i>M.P. Hamilton* (Electromagnetic Geoservices), G. Mikkelsen (Total E&P Norge), R. Poujardieu (Electromagnetic Geoservices) & A. Price (Total E&P)</i>	P084 Modelling of Induced Polarization Effects Caused by Anomalous Pyrite Concentration above Hydrocarbon Accumulations - <i>E.O. Kudryavceva* (SGPD), P.C.H. Veeken (Wintershall GmbH), O.F. Putikov (St Petersburg School of Mines), P. Legydo (SGPD) & S.A. Ivanov (SGPD)</i>
16:10	Break	
16:30	P075 Detecting Favorable Oil and Gas Targets with Time-frequency Electromagnetic Method – Case Studies - <i>Z. Zhao* (CNPC-BGP), Z.X. He (CNPC-BGP), D.C. Li (CNPC-BGP), S.J. Yang (CNPC-BGP), X.J. Liu (CNPC-BGP) & T.B. Li (CNPC-BGP)</i>	
16:55	P076 Onshore Hydrocarbon Exploration in Brazil Using Non-seismic Methods - <i>P. de Lugao* (Strataimage Consultoria Ltda), E.F. La Terra (Observatorio Nacional/MCT), B.F. Kriegshaeuser (Strataimage Consultoria Ltda), P. Romero (Fluminense Federal University) & L. Rocha (Fluminense Federal University)</i>	
17:20	P077 Goelectric Structure of the Rybachy Peninsula from Data of Winter Amt Survey - <i>A.K. Saraev* (St Petersburg State University), A.B. Nikiforov (St Petersburg State University), N.E. Romanova (St Petersburg State University) & R.V. Denisov (St Petersburg State University)</i>	
17:45	P078 Capabilities and Results of Reservoir Studies via TEM in the Conditions of High-resistivity and Conductive Environments - <i>Y.A. Agafonov* (Irkutsk Electroprospecting Co.), S.V. Kompaniets (Irkutsk Electroprospecting Co.) & A.V. Pospeev (Irkutsk Electroprospecting Co.)</i>	

Poster presentations

Tuesday 15 June

	POSTERBOX 16	POSTERBOX 18
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	Seismic Modelling 1 (EAGE) <i>A.B. Droujinine (Shell International Exploration & Production BV), T.M. Mueller (CSIRO)</i>	Seismic Modelling 2 (EAGE) <i>A. Ribodetti (Geosciences Azur), M. Ayzenberg (Statoil)</i>
14:30	P091 Caustics in a Periodically Layered VTI Medium - <i>Y.V. Roganov* (Ukrainian State Geological Prospecting Institute) & A. Stovas (NTNU)</i>	P105 The Potential of Discontinuous Galerkin Methods for Full Waveform Tomography - <i>J. de la Puente* (CSIC), V. Sallarès (CSIC) & C.R. Ranero (ICREA)</i>
14:55	P092 qP-wave Triplications in an Acoustic Transversely Isotropic Medium - <i>A. Stovas* (NTNU)</i>	P106 Discontinuous Galerkin Method in Frequency-space Domain for Wave Propagation in 2D Heterogeneous Porous Media - <i>B. Dupuy* (LGIT/University of Grenoble), L. De Barros (University College Dublin), S. Garambois (LGIT/University of Grenoble) & J. Virieux (LGIT/University of Grenoble)</i>
15:20	P093 4D Seismic Modelling using the Tip-wave Superposition Method - <i>A. Tantsereva (Novosibirsk State University/IPGG), M. Ayzenberg* (Statoil), A.M. Aizenberg (Institute of Petroleum Geology and Geophysics) & U. Theune (Statoil)</i>	P107 Physical Modelling Studies of the Effect of Fracture Thickness on P-wave Attenuation - <i>A.M. Ekanem* (University of Edinburgh), J. Wei (China University of Petroleum), X.Y. Li (British Geological Survey/University of Edinburgh), M. Chapman (University of Edinburgh) & I.G. Main (University of Edinburgh)</i>
15:45	P094 Feasible Green's Function for a Domain with Shadow Zones - <i>A. Ayzenberg (Novosibirsk State University/IPGG), M. Ayzenberg* (Statoil) & A.M. Aizenberg (Institute of Petroleum Geology and Geophysics)</i>	P108 Effects of Fracture Spacing on Seismic Wave Propagation – A 3D Numerical Simulation Study on Discrete Fracture Models - <i>Y. Xu* (British Geological Survey), M. Chapman (British Geological Survey), X.Y. Li (British Geological Survey) & I.G. Main (University of Edinburgh)</i>
16:10	Break	Break
16:30	P095 Wave Field Anomalies Caused by the Weak Boundaries - <i>A.P. Krauklis* (Steklov Mathematical Institute RAS) & P.V. Krauklis (Steklov Mathematical Institute RAS)</i>	
16:55	P096 Offset Dependant Anisotropy Effects in Orthorhombic Medium - <i>A. Pieta (AGH University of Science and Technology), T. Danek (AGH University of Science and Technology), A. Lesniak (AGH University of Science and Technology) & H. Jedrzejowska-Tyczkowska* (The Oil and Gas Institute)</i>	
17:20	P097 Double Munk Channel Model to Underwater Acoustic Fluctuations in Presence of Mediterranean Eddies in the Southwest Coast of Portugal - <i>L. G. Guimaraes* (COPPE/UFRJ), C. E. Parente (COPPE/UFRJ), S. M. M. Jesus (SiPLAB/University of the Algarve) & O. C. Rodriguez (SiPLAB/University of the Algarve)</i>	
17:45	P104 Finite Difference Modeling to Evaluate Acquisition and Processing Parameters on Resolution of Land Seismics - <i>O. Adamovich* (GDS), K. Epov (GDS), I. Korotkov (GDS) & P.C.H. Veeken (Geops)</i>	

Poster presentations

Tuesday 15 June

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	Seismic Reservoir Characterization (EAGE) <i>H. Ozdemir, L. Lipparini (Medoiligas Italia SpA)</i>	Multi Component (EAGE) <i>J.P. Fjellanger (Statoil), F. Mancini (Hess Ltd.)</i>
14:30	P111 Reservoir Porosity Estimation Using the Group Method of Data Handling (GMDH) - <i>N.M. AlBinHassan* (Imperial College London) & Y.H. Wang (Imperial College London)</i>	P121 Near-surface S-wave Velocity Estimation from P-wave Polarization Analysis - <i>P. Edme* (Schlumberger Cambridge Research) & E. Kragh (Schlumberger Cambridge Research)</i>
14:55	P112 Volcanic Reservoir Interpretation on a VSP-driven Processed Full-azimuth Seismic Data - <i>D.S. Sun* (CNPC-BGP), Y. Ling (CNPC-BGP), X.Y. Xi (CNPC-BGP) & J.M. Guo (CNPC-BGP)</i>	P122 Imaging of Gas Hydrates in the Northernmost South China Sea from Multi-component OBS Data - <i>T.K. Wang* (National Taiwan Ocean University), C.S. Lee (National Taiwan Ocean University) & C.S. Liu (National Taiwan University)</i>
15:20	P113 Seismic Facies Discrimination Using Truncated Gaussian Simulation at the Oritupano-leona Field, Venezuela - <i>A. Levanti* (Paradigm) & M. Aldana (Simón Bolívar University)</i>	P123 Node Technology and its Application in Sub-salt Mapping – An Example from the Barents Sea - <i>J.N. Makris (GeoPro GmbH Hamburg) & J.E. Papoulia* (Hellenic Centre for Marine Research)</i>
15:45	P114 Low Frequency Modelling and Uncertainty in Geostatistical Inversion - <i>M.S. Sams* (Fugro-Jason) & D. Saussus (Fugro-Jason)</i>	P124 Multicomponent Seismic Acquisition in the Arabic Gulf – Should We Take a New Look at the Acquisition Parameters - <i>Y.F. Sun (Texas A&M University) & K.A. Berteussen* (Petroleum Institute)</i>
16:10	Break	Break
16:30	P115 A Step Beyond Empirical Approaches of Seismic Reservoir Characterization - <i>F. Pivot* (Total) & D. Modin (Total)</i>	P125 Comparison of a Few Ocean Bottom Node Designs and the Fidelity of the Data They Record - <i>S. Ronen* (CGGVeritas), P. Maxwell (CGGVeritas), B. Mattocks (CGGVeritas) & T. Owen (Carrack Measurement Technology Ltd)</i>
16:55	P116 Carbonate Reservoir Characterization Based on Grey Prediction Theory - <i>A.M. AlMoqbel* (Imperial College London) & Y. Wang (Imperial College London)</i>	P126 High Reliability Fibre-optic Sensor Architectures for Seismic Permanent Reservoir Monitoring - <i>P. Nash* (Stingray Geophysical)</i>
17:20	P117 Specialized Inversion of Integrated Geological-geophysical Data - <i>P. Kuzmenko* (Taras Shevchenko National University of Kiev), G. Prodayvoda (Taras Shevchenko National University of Kiev) & A. Tyshchenko (Taras Shevchenko National University of Kiev)</i>	P127 Single-station SVD-based Polarization Filtering – Theoretical and Synthetic Data Investigations - <i>O. Tiapkina* (NTNU), M. Landro (NTNU) & Y. Tyapkin (UkrSGPI)</i>
17:45		

Poster presentations

Wednesday 16 June

	POSTERBOX 01	POSTERBOX 02
	CO2 Sequestration (EAGE) <i>S. Skachkov (Total E&P UK), P.M. van Baaren (Schlumberger)</i>	
09:30	P201 Preliminary Results from a Repeat 3D Seismic Survey at the CO2SINK Injection Site, Ketzin, Germany - <i>P. Bergmann (GFZ GeoForschungsZentrum, Potsdam), R. Giese (GFZ GeoForschungsZentrum, Potsdam), J. Götz (GFZ GeoForschungsZentrum, Potsdam), A. Ivanmova (GFZ GeoForschungsZentrum, Potsdam), C. Juhlin* (Uppsala University), N. Juhojuntti (Uppsala University), A. Kashubin (Uppsala University), S. Lüth (GFZ GeoForschungsZentrum, Potsdam), C. Yang (Uppsala University) & F. Zhang (Uppsala University)</i>	
09:55	P202 Seismic Monitoring of CO2 Geosequestration in Otway Basin, Australia - <i>M. Urosevic (Curtin University of Technology), V. Shulakova* (CSIRO), R. Pevzner (Curtin University of Technology) & A. Kepic (Curtin University of Technology)</i>	
10:20	P203 Sensitivity of Seismic Modelling to Different Fluid Distributions for Carbon Capture and Storage - <i>C. Cairns* (Imperial College London), H. Jakubowicz (Imperial College London), L. Lonergan (Imperial College London) & A. Muggerridge (Imperial College London)</i>	
10:45	P204 Integration of the Codes FLAC3D and TOUGHREACT for THMC Coupled Geo-process in Reservoirs - <i>M.Z. Hou* (Clausthal University of Technology), Y. Gou (Clausthal University of Technology) & J. Rutqvist (Lawrence Berkeley National Laboratory)</i>	
11:10	Break	
11:30	P205 The Feasibility of Imaging the CO2 Plume at CO2SINK using 4D Seismics - <i>J.P. Verdon* (University of Bristol) & X. Campman (Shell International E&P BV)</i>	
11:55	P206 Reservoir Modeling, Rock Physics, and Seismic Simulation of CO2 Sequestration in Coal Beds - <i>D. Bevc* (Fusion Petroleum Technologies Inc.), S.E. Zarantonello (Algorithmica LLC) & J.M. Harris (Stanford University)</i>	
12:20	P207 Timelapse Seismic Modelling of CO2 Fluid Substitution in the Redwater Leduc Reef, Alberta - <i>T.M. Sodagar* (University of Calgary) & D.C. Lawton (University of Calgary)</i>	
12:45		
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		Case Studies / Exploration and Field Development (EAGE) <i>A. Blacque (Fugro), O.A. Abbink (TNO)</i>
14:30		P311 Results of Surface Geochemical Survey Integrated with Results of Seismic Survey in the Drzonowo, Biala Area, NW Poland - <i>H. Sechman* (AGH-University of Science and Technology), M. Dzieniewicz (AGH-University of Science and Technology), W. Gorecki (AGH-University of Science and Technology), A. Nowicka (PGNiG) & T. Wolnowski (PGNiG)</i>
14:55		P312 Imaging and Mapping of Hydrocarbon Traps in a Thrust Zone from Onshore Ukraine – A Case Study - <i>O.M. Tiapkina* (High Education Institute "Tutkovsky Institute"), I.V. Solovyov (High Education Institute "Tutkovsky Institute") & O.I. Polunin (High Education Institute "Tutkovsky Institute")</i>
15:20		P313 How Geophysical Techniques Coupled with Geological Insight Revealed New Prospectivity in a Mature Hydrocarbon Province - <i>M.A. Ackers* (Norwegian Energy Co.), B.K.L. Bryn (Norwegian Energy Co.) & P.Ø. Seljebøtn (Norwegian Energy Co.)</i>
15:45		P314 Imaging in Frontier Areas – A Case Study from Upper Assam Basin, India - <i>D.S. Manral* (Oil India Ltd), B. J. Reddy (Oil India Ltd), R. Dasgupta (Oil India Ltd) & K.K. Nath (Oil India Ltd)</i>
16:10		Break
16:30		P315 Hydrocarbon Potential of the Mediterranean Black

cont.		and Caspian Seas Regions - <i>H. Rempel (Federal Institute for Geosciences and Natural Resources) & G.V. Georgiev* (Sofia University "St. Kliment Ohridski")</i>
16:55		P316 Hydraulic Fracturing Design and Investigation of Hydraulic Fracture Effect on Cumulative Production in One of Iranian Ga - <i>H. Askari* (Sahand University of Technology)</i>
17:20		P317 Petrophysical Properties of Tight Gas Reservoir Sandstones from the Southern North Sea - <i>J.P. Dietrichs (RWTH Aachen University), B.M. Krooss (RWTH Aachen University), A. Amann (RWTH Aachen University), B. de Wijn (Wintershall Noordzee B.V.) & R. Littke* (RWTH Aachen University)</i>
17:45		P318 Sub-Zechstein Structures in the Light of MT Data Interpretation - <i>M. Wojdyla* (PBG Geophysical Exploration Co. Ltd), M. Stefaniuk (AGH University of Science and Technology), T. Czerwinski (PBG Geophysical Exploration Co. Ltd) & J. Pokorski (Polish Geological Institute)</i>

Poster presentations

Wednesday 16 June

	POSTERBOX 03	POSTERBOX 04
	Reservoir Characterization (EAGE) <i>G. Brown (WesternGeco), I.R. Bush (Schlumberger)</i>	
09:30	P211 Application of Diamondoids Parameters to Distinguish Source Rock Facies in Llanos Orientales Basin, Colombia - <i>M.V.S. Springer* (Federal University of Rio de Janeiro)</i>	
09:55	P212 Reservoir Characterization Using Ensemble Kalman Filter and Drainage Area Localization - <i>M.J. Yeo* (Seoul National University), S.P. Jung (Korea National Oil Co.), H. Shin (Suncor Engery Inc.), W. Bae (Sejong University), K. S. Jeong (Kodeco Energy Co.) & J. Choe (Seoul National University)</i>	
10:20		
10:45	P214 An Integrated Study of Fracture Detection Using P-wave Seismic Data - <i>Y. Xu* (British Geological Survey), Y. An (China University of Petroleum), X.Y. Li (British Geological Survey) & Z. Cao (PetroChina)</i>	
11:10	Break	
11:30	P215 Utilization of Percolation Theory to Evaluate Conductivity of Fractured Reservoirs – Effect of Fracture Correlation Length on Universality - <i>S. Ghorbani (ICOFC), M. Masihi* (Sharif University of Technology) & A. Hashemi (Petroleum University of Technology)</i>	
11:55		
12:20	P217 Dynamic Modeling and Optimization of Asphaltene Deposition in Reservoir Rocks Using Genetic Algorithm - <i>M.B. Bagheri (ICOFC), R. Kharrat* (Petroleum University of Technology), V. Hemmatfar (Petroleum University of Technology) & C. Ghotbi (Sharif University of Technology)</i>	
12:45	P218 How a Conceptual Model from Core to Seismic Can Drive Reservoir Description – A Case Study from a Large Carbonate Brown Field - <i>M. Pratap (ONGC), A. Carrillat* (Schlumberger), S. Sharma (Schlumberger), K. Bora (Schlumberger), B.L. Lohar (ONGC), R. Bhanja (ONGC), A. Saha (ONGC) & T. Friedel (Schlumberger)</i>	
13:10		Reservoir Monitoring and Management (EAGE) <i>Y. Hajizadeh (Heriot-Watt University), C. Gill (Shell UK E & P Ltd.)</i>
14:30		
14:55		P322 Automatic Adaptive Parameterization for History Matching of 3D Seismic Data - <i>S. Da Veiga* (IFP) & V. Gervais (IFP)</i>
15:20		P323 Long-term Seasonal and Short-term Monitoring of Reservoir Surface Deformation using InSAR - <i>A. Arnaud* (Altamira Information), J.P. Xavier (Total), G. Cooksley (Altamira Information) & P. Sedó (Altamira Information)</i>
15:45		P324 A Data-estimation Based Approach for Quasi-continuous Reservoir Monitoring using Sparse Surface Seismic Data - <i>A. Arogunmati* (Stanford University) & J.M. Harris (Stanford University)</i>
16:10		Break
16:30		P325 Continuous Reservoir Monitoring with Asynchronous Simultaneous-source Seismic Data - <i>G. Ayeni* (Stanford University) & B. Biondi (Stanford University)</i>
16:55		P326 Effect of Formation Pressure Change on Reservoir Productivity - <i>L.A. Anisimov* (LUKOIL-VolgogradNIPImorneft) & F.I. Teterin (LUKOIL-VolgogradNIPImorneft)</i>
17:20		P327 Waveform Inversion of 4D Seismic Data Using the Ray-born Approximation in the Frequency Domain - <i>M. Jakobsen* (University of Bergen), H. Keers (University of Bergen), B.O. Ruud (University of Bergen), I. Psencik (Czech Academy of Sciences) & A. Shahraini (University of Bergen)</i>

Poster presentations

Wednesday 16 June

	POSTERBOX 05	POSTERBOX 06
	Advances in Near Surface Geophysical Methods (EAGE) <i>E. Kragh (Schlumberger Cambridge Research), J.C.R. Arthur (Top-Hole Site Studies Ltd)</i>	
09:30	P221 Water Leakage Detection in Dikes by Fiber Optic - <i>J.I. Mars* (Grenoble Institute of Technology), A.A. Khan (CIH Grenoble), V. Vrabie (University of Reims), A. Girard (EDF) & G. D'urso (EDF)</i>	
09:55	P222 Influence of Grain Size Distribution and Shape on GPR Waves – Study of Aeolian Dunes - <i>J. Guillemoteau* (Institut de Physique du Globe de Strasbourg) & M. Bano (Institut de Physique du Globe de Strasbourg)</i>	
10:20	P223 Geostatistical Filtering of Refraction Data – Methods and Comparison of Acquisition Systems - <i>M.B. Bourges* (Geovariances), J.L.M. Mari (IFP) & J.D. Deraisme (Geovariances)</i>	
10:45	P224 Characteristics and Potential Use of Non-geometric PS Waves in Shallow Marine Environment - <i>N. El Allouche* (Delft University of Technology) & G.G. Drijkoningen (Delft University of Technology)</i>	
11:10	Break	
11:30	P225 Application of SNMR and VES for Ground Water Exploration – A Case of Iran - <i>M. Jamie* (University of Tehran) & H. Sanaei Kamal (University of Tehran)</i>	
11:55	P226 Glauberite Formation Identification with Electrical Resistivity Tomography Technique - <i>A. Guinea* (University of Barcelona), E. Playa (University of Barcelona), L. Rivero (University of Barcelona), J.M. Salvany (Polytechnic University of Catalonia) & M. Himi (University of Barcelona)</i>	
12:20	P227 Mapping Contamination from Waste Dump Site Using Radio Magnetotelluric Method - <i>B. Assarzagdegan* (University of Tehran), M. Bastani (Uppsala University) & B. Oskooi (University of Tehran)</i>	
12:45	P228 Assessing the Degree of Fracturing and Weathered Layer Thickness Using Seismic and GPR Data - <i>J.P. Carvalho* (National Institute of Engineering, Technology and Innovation), C. Pinto (LNEG), J.V. Lisboa (LNEG), R. Sardinha (LNEG), A. Catrapona (LNEG), J. Borges (LNEG) & M. Tlemçani (CGE)</i>	
13:10		
		Near Surface Effects for E&P (EAGE) <i>K. Helbig, W.H. Dragoset (WesternGeco)</i>
14:30		P331 Statics Computation by Weathering Reflection Survey (WRS) – Mauritania and Libya Cases Studies - <i>G. Marro* (Repsol), M. Almutairi (Repsol), F. Martin (Repsol) & B. Blake (Repsol)</i>
14:55		P332 Appraisal of Joint Refraction and Reflection Travel-time Tomography in the Context of Weathering Correction - <i>A. Meléndez* (ICM-CSIC), J. de la Puente (ICM-CSIC), V. Sallarès (UTM-CSIC) & C.R. Ranero (UTM-CSIC)</i>
15:20		P333 Elastic Near-surface Attenuation Estimation for an Oman Seismic Data Set - <i>N. El Yadari* (Fugro Seismic Imaging Ltd) & W.A. Mulder (Shell International E&P BV)</i>
15:45		P334 Correction for Shallow High-velocity Anomalies. 3D Seismic Survey Case Study from Poland - <i>J. Rysz* (Geofizyka Torun Ltd), A. Sinoracki (Geofizyka Torun Ltd), J. Gabor (Geofizyka Torun Ltd), T. Buszka (Geofizyka Torun Ltd) & R. Gadubala (Geofizyka Torun Ltd)</i>
16:10		
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Poster presentations

Wednesday 16 June

	POSTERBOX 07	POSTERBOX 08
	Geophysics for Geohazards (EAGE) <i>I. Lecomte (NORSAR), E. Toros (Eotvos Lorand Geophysical Institute (ELGI))</i>	
09:30	P231 Electric and Electromagnetic Investigation in the L'Aquila Basin - <i>S. Piscitelli* (IMAA-CNR), P. Galli (Italian Civil Protection Department), A. Giocoli (IMAA-CNR), E. Gueguen (IMAA-CNR), V. Lapenna (IMAA-CNR), G. Romano (University of Bari), A. Siniscalchi (University of Bari), A. Perrone (IMAA-CNR) & M. Votta (IMAA-CNR)</i>	
09:55	P232 P-cable High Resolution Seismic Imaging of Shallow Gas in the Barents Sea - <i>S. Planke (Volcanic Basin Petroleum Research), O.K. Eriksen* (P-Cable 3D Seismic), J. Mienert (University of Tromsø), S. Bünz (University of Tromsø), C. Berndt (IFM-GEOMAR), J.E. Lie (Lundin Norway) & F.N. Eriksen (P-Cable 3D Seismic)</i>	
10:20	P233 Complex Geophysical Researches of Nature and Technical Origin Hazards for City Territory - <i>I.A. Sanfirov* (Mining Institute UB of RAS), A.G. Yroslavtsev (Mining Institute UB of RAS), Y.I. Stepanov (Mining Institute UB of RAS), V.A. Bereznev (Perm Agricultural Academy) & A.V. Chirkov (Mining Institute UB of RAS)</i>	
10:45	P234 Locating of Sinkhole Extension by Seismic Refraction Tomography and GPR Methods - <i>S.M. Hanafy* (KAUST)</i>	
11:10	Break	
11:30	P235 Pore Pressure Prediction Based on High Resolution Velocity Inversion in Carbonate Rocks, Offshore Sirte Basin, Libya - <i>R. Gruenwald* (REMSA), J. Buitrago (REMSA), J. Dessay (REMSA), C. Diaz (REMSA), H. Huffman (Fusion Petroleum Technologies Inc.), C. Moreno (Fusion Petroleum Technologies Inc.) & J.M. Gonzalez Muñoz (REMSA)</i>	
11:55		
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		Basin Analysis and Petroleum Geochemistry (EAGE) <i>J. Huang (Hess Corporation), U.T. Mello (IBM)</i>
14:30		P341 Basin Modeling of the Yamal-Kara Petroleum Systems - <i>G.V. Ulyanov* (Lomonosov Moscow State University), T.A. Kiryukhina (Lomonosov Moscow State University) & A.V. Stoupakova (Lomonosov Moscow State University/Statoil)</i>
14:55		P342 New Insight Into Petroleum Systems of Orenburgh Region, Volgo-Ural Basin - <i>N.P. Fadeeva (Moscow State University) & E.N. Poludetkina* (Moscow State University)</i>
15:20		P343 Source-rock Evaluation and Basin Modelling in the Western Part of the Fore-sudetic Monocline, SW Poland - <i>P. Kosakowski* (AGH University of Science and Technology) & M. Wrobel (AGH University of Science and Technology)</i>
15:45		P344 A Large-scale Dynamic 3D Petroleum System Model of the Central European Basin - <i>A.K. Uffmann (RWTH Aachen) & R. Littke* (RWTH Aachen)</i>
16:10		Break
16:30		P345 Geochemical Characteristics of the Barents Sea Upper Jurassic Source Rocks - <i>N.M. Kiryukhina* (Moscow State University), T.A. Kiryukhina (Moscow State University), A.V. Stoupakova (Moscow State University), M.A. Bolshakova (Moscow State University) & D.A. Norina (Moscow State University)</i>
16:55		P346 Source Rock Characterization of Sediments from the Tarfaya Basin and Adjacent Areas, Morocco - <i>V.F. Sachse (RWTH Aachen), R. Littke* (RWTH Aachen), O. Kluth (RWE Dea AG), J. Schober (RWE Dea AG), H. Jabour (ONHYM), L. Boutib (ONHYM) & S. Lahsini (ONHYM)</i>
17:20		P347 Organic Facies of a Carboniferous Possible Source

cont.

Rock from Central Iran Based on Biomarker Data - A. A. Jahangard* (Shahid Chamran University of Ahvaz), B. Alizadeh (Shahid Chamran University of Ahvaz), S.H. Hosseini (Shahid Chamran University of Ahvaz) & M. Alipur (Shahid Chamran University of Ahvaz)

17:45

Poster presentations

Wednesday 16 June

	POSTERBOX 09	POSTERBOX 10
	Rock Physics 1 (EAGE) <i>O.V. Vejbæk (Hess Denmark Aps), S.A. Hall (CNRS)</i>	
09:30	P241 Quantitative Measurements of Streaming Potential and High-frequency Seismoelectric Conversion in Berea Sandstone Sample - <i>Z. Zhu* (MIT), X. Zhan (MIT) & M.N. Toksöz (MIT)</i>	
09:55	P242 The Seismic Response of a Single Fracture – Synthetic Modelling and Laboratory Measurements - <i>C. Almagro Vidal* (Delft University of Technology), R. Ghose (Delft University of Technology) & J. van der Neut (Delft University of Technology)</i>	
10:20	P243 Relationship Between Thermal Conductivity and Compressional Wave Velocity of Igneous Rocks - <i>N. Gegenhuber* (University of Leoben) & J.H. Schoen (University of Leoben)</i>	
10:45	P244 Rock Physics Quantification of Diagenetic Cement - <i>I.L. Lehocki* (Odin Petroleum) & P.A. Avseth (Odin Petroleum)</i>	
11:10	Break	
11:30	P245 Effect of Water on Subcritical Crack Growth Index and Long-term Strength for Rock - <i>Y. Nara* (University College London), T. Igarashi (Hokkaido University), N. Hiroyoshi (Hokkaido University), T. Yoneda (Hokkaido University) & K. Kaneko (Hokkaido University)</i>	
11:55	P246 Elastic Properties and Anisotropy of Shales Under Stress - <i>C. Delle Piane* (CSIRO), D. Dewhurst (CSIRO) & J. Sarout (CSIRO)</i>	
12:20	P247 Effect of Heavy Oil Reservoir Rock Texture on the Vp/Vs Ratios Derived from Logs - <i>C. Dumitrescu* (Sensor Geophysical Ltd.) & L. Lines (CHORUS, University of Calgary)</i>	
12:45	P248 Composition and Properties of Estonian Palaeozoic and Ediacaran Sedimentary Rocks - <i>A. Shogenova* (Tallinn University of Technology), A. Kleesment (Tallinn University of Technology), K. Shogenov (Tallinn University of Technology), A. Joeleht (University of Tartu) & A. Poldvere (Geological Survey of Estonia)</i>	
13:10		
		Rock Physics 2 (EAGE) <i>K. Shogenov (Tallinn University of Technology), N. Dutta (WesternGeco)</i>
14:30		P351 Vs Prediction in Unconsolidated Sands – Physical and Geological Controls on Shear Wave Velocities - <i>N.H. Mondol* (University of Oslo/NGI), P. Avseth (Odin Petroleum/NTNU), M. Fawad (University of Oslo) & T. Smith (Conoco Phillips)</i>
14:55		P352 Application of Solid and Fluid Substitution to Salt-plugged Sandstones Using Generalized Gassmann Theory - <i>A.K.T. Wever* (Wintershall Noordzee BV), I. Pacek (formerly Delft University of Technology), R.J. Arts (Delft University of Technology/TNO) & M. Kemper (Ikon Science Ltd)</i>
15:20		P353 The Initiation of Wave Motion by Static Loading in Blocked Media - <i>B.P. Sibiryakov* (IPGG SB RAS) & B.I. Prilous (IPGG SB RAS)</i>
15:45		P354 Digital Rock Physics – From Pore to Core - <i>E. Diaz* (Ingrain Inc.), A. Grader (Ingrain Inc.) & A. Nur (Ingrain Inc.)</i>
16:10		Break
16:30		P355 How Effective Is the Effective Stress Coefficient – An Experimental Study on Brazilian Rocks - <i>G. Vasquez* (Petrobras), E. Vargas Jr. (PUC-Rio/UFRJ), J. Justen (Petrobras) & M. Morschbacher (Petrobras)</i>
16:55		P356 Fluid Effect on Shear Modulus Described Using Biot's Coefficient and Biot's Frequency Ratio - <i>I.L. Fabricius* (Technical University of Denmark)</i>
17:20		P357 Gas Identification with AVO in Fractural Carbonate

cont.

Reservoirs - *T.Y. Liu** (Tongji University) & *J. Yan* (University of London)

17:45

P358 Effects of Mineralogy and Stress on Reflection Coefficient – A Laboratory Based Study - *M.H. Bhuiyan** (NTNU) & *R.M. Holt* (NTNU)

Poster presentations

Wednesday 16 June

	POSTERBOX 11	POSTERBOX 12
	Velocity Model Building 1 (EAGE) <i>R. Silliqi (CGGVeritas)</i>	
09:30	P251 Well-seismic Tie in the Green Canyon, Deep-water Area in the Gulf of Mexico – A Valuable Indicator of Anisotropy - <i>H. Bui* (WesternGeco), P. Ng (Schlumberger), D. Becker (WesternGeco), J. Durrani (Schlumberger) & M. Smith (WesternGeco)</i>	
09:55	P252 Poststack Time Migration Velocity Analysis by CRS Diffraction Stacking - <i>S. Dell* (University of Hamburg) & D. Gajewski (University of Hamburg)</i>	
10:20	P253 Model Building for Tilted Transverse Anisotropic Depth Migration of the Crystal Gulf of Mexico – Wide Azimuth Survey - <i>K. Schleicher* (PGS), J. Cramer (PGS), C. Gerrard (PGS), J. Jiao (PGS), S. Lin (PGS), A. Sosa (PGS) & C. Zhou (PGS)</i>	
10:45	P254 Automated Building of Thin-layered Velocity Model Using Well-log and Seismic Exploration Data - <i>O. Kolomiyets (National Academy of Sciences of Ukraine) & K. Kolomiyets* (National Academy of Sciences of Ukraine)</i>	
11:10	Break	
11:30	P255 Stacking-velocity Tomography with Borehole Constraints for Tilted TI Media - <i>X. Wang* (Colorado School of Mines) & I. Tsvankin (Colorado School of Mines)</i>	
11:55		
12:20	P257 Non-linear Slope Tomography – Extension to MAZ and WAZ - <i>J.P. Montel* (CGGVeritas), P. Guillaume (CGGVeritas), G. Lambare (CGGVeritas) & O. Leblanc (CGGVeritas)</i>	
12:45	P258 Migration Velocity Analysis Using Multiple Realisation of Parallel RCGA - <i>R. Rastogi* (Centre for Development of Advanced Computing), A. Srivastava (Centre for Development of Advanced Computing), S. Gholap (Centre for Development of Advanced Computing) & S. Majumder (Centre for Development of Advanced Computing)</i>	
13:10		Seismic Attenuation (EAGE) <i>M. Charara (Schlumberger Research & Development), F.B. Kets (University of Leeds)</i>
14:30		P361 Estimation of Coda Wave Attenuation in Alborz Region and Central Iran - <i>H. Rahimi* (IIEES), K. Motaghi (IIEES), S. Mukhopadhyay (IIT Roorkee) & H. Hamzehloo (IIEES)</i>
14:55		P362 Separating Pressure and Saturation Changes Using Attenuation Measurements from Time-lapse Prestack Seismic Data - <i>T.D. Blanchard* (University of Leeds), R.A. Clark (University of Leeds) & M. van der Baan (University of Alberta)</i>
15:20		P363 A Nove Method of Attenuation Measurement from Pre-stack CMP Gathers - <i>W. Raji* (University of Liverpool) & A. Rietbrock (University of Liverpool)</i>
15:45		P364 Finite-difference Simulation of Sonic Log for Viscoelastic Anisotropic Media - <i>E.V. Lys* (IPGG SB RAS), V. V. Lisitsa (IPGG SB RAS) & G.V. Reshetova (ICMMG SB RAS)</i>
16:10		Break
16:30		P365 The Experimental Results of the Verification of Deformation Model for Vertically-inhomogeneous Viscoelastic Solid Medium - <i>V.A. Brygynych* (REOKONA)</i>
16:55		P366 Energy Attenuation Analysis and Quality Factor in Direct Hydrocarbon Detection - <i>A. Kiani* (University of Tehran)</i>
17:20		P367 Determination of Relations Between (Vp/Vs) and (Qp/Qs) in an Exploration Well in South of Iran - <i>S. Joneidi* (Azad University), M.K. Ghassem Alaskari (Petroleum University Of Technology) & M. Kazemi (University of Tehran)</i>

Poster presentations

Wednesday 16 June

	POSTERBOX 13	POSTERBOX 14
	Velocity Model Building 2 & Migration (EAGE) <i>T. Dahl (Statoil), I.F. Jones (ION GXT)</i>	
09:30	P261 3D Fresnel Volume Migration - <i>S. Buske* (Free University of Berlin)</i>	
09:55	P262 Pre-stack Depth Migration with Frequency-dependent Varying-step Extrapolation Method - <i>X. Wu* (CNPC-BGP)</i>	
10:20	P263 True-amplitude Angle Migration in the Presence of Noise - <i>S.K. Foss* (Statoil), N. Ettrich (Fraunhofer ITWM), D. Merten (Fraunhofer ITWM), A. Osen (Statoil), K.O. Hartvigsen (Statoil) & A. Sollid (Statoil)</i>	
10:45	P264 Migration Velocity Analysis in TI Media - <i>J. Panizzardi* (Eni E&P), C. Andreoletti (Eni E&P), N. Bienati (Eni E&P) & L. Casasanta (Polytechnic University of Milan)</i>	
11:10	Break	
11:30	P265 Depth Migration and Model Building in HTI Media using an Equivalent VTI Approach - <i>C. Zhang (China University of Petroleum) & X. Li* (British Geological Survey)</i>	
11:55	P266 Enhancements to Structural 3D PreSDM Imaging in the Norwegian Offshore - <i>M.J. Sugrue* (ION Geophysical), L. Saxton (ION Geophysical), P. Hughes (Wintershall Norway) & O. Fuglestad (Wintershall Norway)</i>	
12:20		
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		RTM + FWI (EAGE) <i>J.E. Rickett (Schlumberger Cambridge Research), R. Soubaras (CGGVeritas Services)</i>
14:30		P371 Sensitivity Analysis of Full Waveform Inversion in VTI Media - <i>Y. Gholami* (CNRS/Géoazur), A. Ribodetti (IRD/Géoazur), R. Brossier (CNRS/Géoazur), S. Operto (CNRS) & J. Virieux (UJF/LGIT)</i>
14:55		P372 Robust Full-waveform Inversion – Improving Velocity Estimation in Settings with Abrupt Changes - <i>J. Ramos-Martinez* (PGS), S. Kelly (PGS), B. Tsimelzon (PGS) & S. Crawley (PGS)</i>
15:20		P373 Reverse-time Demigration/Migration - <i>H. Chauris* (Mines ParisTech) & M. Benjema (formerly Mines ParisTech, currently Kairouan University)</i>
15:45		P374 Imaging with Doubly-scattered Waves – A North Sea Case Study - <i>A. E. Malcolm (MIT), B. Ursin* (NTNU) & M.V. de Hoop (Purdue University)</i>
16:10		
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Poster presentations

Wednesday 16 June

	POSTERBOX 15	POSTERBOX 16
	Migration Theory (EAGE) <i>S. Brandsberg-Dahl (PGS), R.L. Abma (BP America Inc)</i>	
09:30	P271 Wave-equation Migration with Dithered Plane Waves - <i>F. Perrone* (Colorado School of Mines) & P.C. Sava (Colorado School of Mines)</i>	
09:55	P272 High-order Common-azimuth Depth Migration - <i>J. Bai* (PGS), N. Chemingui (PGS), S. Crawley (PGS) & S. Brandsberg-Dahl (PGS)</i>	
10:20	P273 A New True-amplitude Imaging Condition for Shot-profile Migration - <i>B. Arntsen* (NTNU), E. Tantserev (NTNU) & L. Amundsen (Statoil)</i>	
10:45	P274 Kinematic Analysis of Different Phase-shift-type Migration Methods - <i>A.A. Duchkov* (Institute of Petroleum Geology and Geophysics RAS)</i>	
11:10	Break	
11:30	P275 Anisotropic Velocity Analysis in VTI Media by Duplex Wave Migration - <i>N. Marmalevskiy* (Ukrainian State Geological Prospecting Institute), Y. Roganov (Ukrainian State Geological Prospecting Institute), Z. Gornyak (Ukrainian State Geological Prospecting Institute), A. Kostyukevych (Tetrale Technologies Inc.), B. Link (Tetrale Technologies Inc.) & M. Tirkel (UkrNIMI)</i>	
11:55	P276 Multi-source Wave Equation Least-squares Migration with a Deblurring Filter - <i>W. Dai (King Abdullah University of Science and Technology) & G.T. Schuster* (King Abdullah University of Science and Technology)</i>	
12:20	P277 Anisotropic Depth Migration and High-resolution Tomography in Gulf of Mexico – A Case History - <i>G. Rodriguez* (TGS), S. Yang (TGS), D. Yang (TGS), Q. Zhang (TGS) & S. Hightower (TGS)</i>	
12:45	P278 A Complete TTI Toolbox for Efficient Imaging of Wide-azimuth Seismic Data - <i>N. Chemingui* (PGS), S. Brandsberg-Dahl (PGS), S. Crawley (PGS), A. Valenciano (PGS) & A. Sosa (PGS)</i>	
13:10		
		FWI (EAGE) <i>J.K. Washbourne (Chevron)</i>
14:30		P381 Frequency-domain Elastic Full Waveform Inversion for VTI Media - <i>J.M. Koo (SK Energy), H.Y. Lee (Seoul National University), W.D. Jeong* (Seoul National University), D.J. Min (Seoul National University) & H.S. Yoo (Korea Ocean Research and Development Institute)</i>
14:55		P382 Constrained Full-waveform Inversion of Multi-component Seismic Data - <i>C. Barnes* (Cergy-Pontoise University) & M. Charara (Institute of Geophysics of Paris)</i>
15:20		P383 A Strategy for Waveform Inversion without an Accurate Starting Model - <i>N.K. Shah* (Imperial College London), M.R. Warner (Imperial College London), L. Guasch (Imperial College London), I. Stekl (Imperial College London) & A.P. Umpleby (Imperial College London)</i>
15:45		P384 Multisource Reverse-time Migration and Full-waveform Inversion on a GPGPU - <i>C. Boonyasiriwat* (King Abdullah University of Science and Technology), G. Zhan (King Abdullah University of Science and Technology), M. Hadwiger (King Abdullah University of Science and Technology), M. Srinivasan (King Abdullah University of Science and Technology) & G.T. Schuster (King Abdullah University of Science and Technology)</i>
16:10		Break
16:30		P385 2D Elastic Full Waveform Tomography of Synthetic Marine Reflection Seismic Data - <i>D. Köhn* (Technische Universität Bergakademie Freiberg), D. De Nil (Asse GmbH/University of Kiel), A. Przebindowska (Karlsruhe Institute of Technology), A. Kurzmann (Karlsruhe Institute of Technology) & T. Böhlen (Karlsruhe Institute of Technology)</i>

16:55		<p>P386 Multiscale Imaging of a Thrust Belt - <i>P. Jaiswal*</i> (Oklahoma State University), <i>C.A. Zelt</i> (Rice University), <i>R. Dasgupta</i> (Oil India Ltd) & <i>K.K. Nath</i> (Oil India Ltd)</p>
17:20		<p>P387 Imaging Below Gas Clouds Through Non-linear Full Waveform Inversion of the Reflection Response – The 2D Case - <i>A.R. Ghazali*</i> (Petronas Research), <i>D.J. Verschuur</i> (Delft University of Technology) & <i>A. Gisolf</i> (Delft University of Technology)</p>
17:45		<p>P388 Improved Target-oriented Linear Full Waveform Inversion - <i>X.R. Staal*</i> (Delft University of Technology), <i>D. J. Verschuur</i> (Delft University of Technology), <i>A. Gisolf</i> (Delft University of Technology), <i>T. Tonellot</i> (Saudi Aramco) & <i>R. Burnstad</i> (Saudi Aramco)</p>

Poster presentations

Wednesday 16 June

	POSTERBOX 17	POSTERBOX 18
	VSP and Well (EAGE) L.M.A. Nicoletis (Institut Français du Pétrole), F. Poletto (OGS)	
09:30	P281 Diffractor Imaging Using Cross-well Data for Mapping Reservoir Heterogeneities - A. Nikitchenko* (St Petersburg State University), D. Kiyashchenko (Shell International E&P), L. Jin (Shell International E&P), B. Kashtan (St Petersburg State University) & V. Troyan (St Petersburg State University)	
09:55	P282 Estimation of Anisotropy Parameters from Offset VSP Data - M. Sadri (NIOC/AmirKabir University of Technology) & J. Jamali* (NIOC)	
10:20	P283 Anisotropic Depth Velocity Model Estimation Above the Receiver Array in Walkaway and 3D VSP Data - E. Blas* (VSFusion)	
10:45	P284 Applicability of Zero-offset and Offset VSP for Time-lapse monitoring – CO2CRC Otway Project Case Study - R.L. Pevzner* (Curtin University of Technology), M. Urosevic (Curtin University of Technology) & S. Nakanishi (Schlumberger)	
11:10	Break	
11:30		
11:55	P286 Characterization of Gas Wells by Selective Inflow Performance and Production Logging - A. Seyed Mokhtari* (Asmary Field Services), S. Gerami (IOR Research Institute/NIOC), A. Azedi (Iranian Central Oil Fields Co.), M. Lashkari (Iranian Central Oil feilds Co.), A. Hashemi (South Zagros Oil and Gas Co.), S. Shahidi (Omidiye Azad University) & P. Pourafshari (University of Tehran)	
12:20	P287 Exploring with the Bit - O. Kaabar* (Repsol Exploration Murzuq), J.M. Gonzalez Muñoz (Repsol Exploration Murzuq), K. Tawengi (National Oil Co.), J. Dessay (Repsol Exploration Murzuq), E. Oña (Repsol Exploration Murzuq) & J. Suarez Alba (Repsol Exploration Murzuq)	
12:45		
13:10		
		Seismic Data Processing 1 (EAGE) A. Gisolf (Delft University of Technology), M. Naghizadeh (University of Calgary)
14:30		P391 Is Thin Turbiditic Sand Winning – A Case Study on High Resolution Processing and Interpretation? - J. Pierce* (Geotrace), H. Poore (Geotrace), G. Yu (Geotrace), O. Clauss (Repsol), J.G. de Castilho (Repsol) & V. Zucconi (Repsol)
14:55		P392 Introducing a New Method in Velocity Analysis by using Focal Transform - S. Torabi* (University of Tehran) & A. Javaherian (University of Tehran)
15:20		P393 Local Time Slowness Adaptive Filter and Optimal Window Strategies - S. Ventosa* (UTM-CSIC), C. Simon (UTM-CSIC) & M. Schimmel (IA-CSIC)
15:45		P394 Estimating Non-stationary Wavelet Phase and Phase Error - J.A. Edgar (BG Group) & J.I. Selvage* (BG Group)
16:10		Break
16:30		P395 Sparse Seismic Deconvolution by Method of Orthogonal Matching Pursuit - M.K. Broadhead (Saudi Aramco) & T.L. Tonellot* (Saudi Aramco)
16:55		P396 CRS-based Seismic Imaging in Complex Marine Geology - L.W.B. Leite* (Federal University of Pará), H.M. Lima (Federal University of Pará), B.Z. Heilmann (CRS4) & J. Mann (Karlsruhe Institute of Technology)
17:20		P397 Choosing the Analyzing Wavelet for Seismic Data Filtration - K.A. Dunaeva (Siberian Research Institute of Geology & Geophysics) & O.M. Sagaidachnya* (Siberian Research Institute of Geology & Geophysics)

17:45

P398 Improving the Seismic Image Quality in Semi-complex Structures in North East Iran by the CDS Stack Method - *M. Soleimani (Shahrood University of Technology), J. Mann (Karlsruhe Institute of Technology), E. Adibi Sedeh* (Shahrood University of Technology) & I. Piruz (Shahrood University of Technology)*

Poster presentations

Wednesday 16 June

	POSTERBOX 19	POSTERBOX 20
	Seismic Acquisition and Processing (EAGE) <i>J. Brittan (Petroleum Geo-Services), C. Page (PGS)</i>	
09:30	P291 Optimizing the Weighted-sum Signal to Represent the Actual Force Output from the Vibrator - <i>Z. Wei* (ION Geophysical), M. Hall (ION Geophysical) & T. Phillips (ION Geophysical)</i>	
09:55	P292 Seismic Channel Basic Characteristics for Weak Signal Registration by Point Group of Geophones - <i>O.M. Sagaidachnya* (Siberian Research Institute of Geology & Geophysics), A.S. Salnikov (Siberian Research Institute of Geology & Geophysics), A.V. Vershinin (Siberian Research Institute of Geology & Geophysics), A.V. Sagaydachny (Siberian Research Institute of Geology & Geophysics) & A.N. Shmykov (Siberian Research Institute of Geology & Geophysics)</i>	
10:20	P293 BP's (ISSTM) Technique for High-quality Fast Efficient 3D Vibroseis Acquisition - <i>J. Stone* (BP) & B. Taylor (BP)</i>	
10:45	P294 An Improved Survey Evaluation and Design Workflow - <i>L. Zühlsdorff* (NORSAR), H. Gjøystdal (NORSAR), M. Branston (NORSAR), A.H. Drottning (NORSAR), E. Bergfjord (NORSAR) & T. Rasmussen (NORSAR)</i>	
11:10	Break	
11:30	P295 Reducing Infill – Real Time Application of Geophysically Based Coverage Specifications - <i>C. Strand* (PGS), S. Campbell (PGS) & P.E. Dhelle (PGS)</i>	
11:55	P296 A Practical Approach to Compensate for the Azimuth Anisotropy in 3D PS Converted Wave Processing - <i>H.C. Dai* (British Geological Survey), X. Li (British Geological Survey), C. Yu (PetroChina Daqing Oilfield Ltd) & J. Wang (CNPC Daqing Geophysical Exploration)</i>	
12:20	P297 Time-lapse Seismics in Crystalline Crust – Lessons Learned at the Continental Deep Drilling Site – KTB - <i>T. Beilecke (LIAG), K. Bram (LIAG) & S. Buske* (Free University of Berlin)</i>	
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		Seismic Data Processing 2 (EAGE) <i>H. Chauris (Ecole des Mines de Paris), A.B. Droujinine (Shell International Exploration & Production BV)</i>
14:30		P401 Prestack Time Migration using the Kirchhoff Sum Along a New Approximation of the Reflection Travel Time Curve - <i>S. Keydar* (Geophysical Institute of Israel) & M. Mikenberg (Samara Pedagogical Institute)</i>
14:55		P402 Assessing Velocity and Impedance Changes Due to CO2 Saturation Using Interferometry on Repeated Seismic Sources - <i>L. De Barros* (University College Dublin), G.S. O'Brien (University College Dublin) & C.J. Bean (University College Dublin)</i>
15:20		P403 The Interferometric Fresnel Zone - <i>S. Costagliola* (Polytechnic University of Milan)</i>
15:45		P404 Numerical Testing of Virtual Source Method - <i>F. Alonaizi (Curtin University of Technology), B. Hartley (Curtin University of Technology) & R. Pevzner* (Curtin University of Technology)</i>
16:10		Break
16:30		P405 Scattered Interpolation with Multilevel B-splines for Seismic Reconstructions - <i>N. Zhang* (Imperial College London) & Y. Wang (Imperial College London)</i>
16:55		P406 Retrieving the Earth's Reflection Response by Multi-dimensional Deconvolution of Ambient Seismic Noise - <i>J. van der Neut* (Delft University of Technology), E. Ruigrok (Delft University of Technology), D. Draganov (Delft University of Technology) & K. Wapenaar (Delft University of Technology)</i>
17:20		

Poster presentations

Wednesday 16 June

	POSTERBOX 21	POSTERBOX 22
	AVO/AVA & Strat Inversion (EAGE) <i>R.E. White (University of London - Birkbeck College)</i>	
09:30	P301 Seismic Data Conditioning of Partial Stacks for AVO – Using Well Offset Amplitude Balancing - <i>E. Efthymiou (Ikon Science Ltd), H. Morris (Ikon Science Ltd), M. Kemper* (Ikon Science Ltd) & J.D. Kerr (Ikon Science Ltd)</i>	
09:55	P302 Comparison of Reflection-angle Estimation Methods – Accuracy and Sensitivity - <i>Y. Qin* (PGS) & P. Ward (PGS)</i>	
10:20	P303 AVO Analysis of Thin Layers – Application to CO2 Storage at Sleipner - <i>S. Sturton (SINTEF Petroleum Research), M.L. Buddensiek* (SINTEF Petroleum Research) & M. Dillen (SINTEF Petroleum Research)</i>	
10:45	P304 Crack Density Discrimination for Thin Layers Using Offset-dependent Spectrum Characteristics - <i>Z.Q. Guo* (British Geological Survey/Jilin)</i>	
11:10	Break	
11:30	P305 Evaluation of Anisotropic Critical Angle in Frequency Domain - <i>Z.Q. Guo* (British Geological Survey/Jilin)</i>	
11:55	P306 New Parametrization for qPqP and qPqSV Reflection Coefficients in a Transversely Isotropic Medium - <i>P. Golikov* (NTNU) & A. Stovas (NTNU)</i>	
12:20	P307 A Quantitative Evaluation of Input Data Variables for Model-based PP Inversion Using Conjugate Gradient Algorithm - <i>M. Pottorf* (Geotrace), W. Yang (Geotrace) & G. Yu (Geotrace)</i>	
12:45	P308 Target Oriented Non-linear Inversion of Seismic Data - <i>A. Gisolf* (Delft University of Technology) & P.M. van den Berg (Delft University of Technology)</i>	
13:10		
		Noise & Multiple Suppression (EAGE) <i>R.G. van Borselen (PGS Geophysical (Netherlands) BV)</i>
14:30		P411 Phase Inversion Deconvolution in Seismic Data Processing - <i>A. Kiani* (University of Tehran) & A. Javaherian (Amirkabir University of Technology)</i>
14:55		P413 SWIPER – Multi-mode Surface Wave Prediction and Removal by Waveform Matching - <i>C. E. Krohn* (ExxonMobil Upstream Research)</i>
15:20		P414 Attenuation of Seismic Noise by Sparse Code Shrinkage - <i>C. Sanchis* (Fugro Geoteam) & A. Hanssen (University of Tromsø)</i>
15:45		P415 A Comparison of Standard Adaptive Subtraction and Primary-multiple Separation in the Curvelet Domain - <i>M.O. Frijlink* (PGS), R. Shahidi (formerly University of British Columbia), F.J. Herrmann (University of British Columbia) & R.G. van Borselen (PGS)</i>
16:10		Break
16:30		P416 Estimation of Primaries by Sparse Inversion with Reciprocity - <i>J.G.A. Johnson* (University of British Columbia), T.T.Y. Lin (University of British Columbia) & F.J. Herrmann (University of British Columbia)</i>
16:55		P417 Methodology for Diffracted Multiple Reduction - <i>M. Bekara* (PGS), M. Sedhom (PGS) & A. Vigner (PGS)</i>
17:20		P418 Seismic Interbed Multiple Attenuation Using the MPI Scheme - <i>N. Zhang* (Imperial College London) & Y. Wang (Imperial College London)</i>
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Poster presentations

Thursday 17 June

	POSTERBOX 01	POSTERBOX 03
	Innovative Technologies (EAGE) <i>R. Wen (Geomodeling Technology Corp.), M. Ibrahim (Baker Hughes Inc.)</i>	Reservoir Management / Simulation (Europec) <i>J.V. Ovens (Improved Recovery Consulting)</i>
09:30	P501 Sigma Processing of PSDM Data – A Case Study - <i>F. Piriac (SeisQuaRe), L. Sandjivy* (SeisQuaRe), A. Shtuka (SeisQuaRe), J.L. Mari (IFP) & C. Haquet (Shell)</i>	EU09 Effective Perforating Design for Matrix Acidizing in Pre-salt Carbonates (SPE-130379) - <i>A. William* (Schlumberger) & H. Filho (Petrobras)</i>
09:55	P502 Correlation Between Miocene Global Climatic Changes and Magnetic Properties Using Neuro Fuzzy Logic Analysis - <i>A. Da Silva (Central University of Venezuela), V. Costanzo (Simón Bolívar University), N. Hurtado* (Central University of Venezuela), M. Aldana (Simón Bolívar University) & G. Bayona (Corporación Geológica Ares)</i>	EU10 Simulation Design and Management of Waterflooding Projects in Mature Multi-storey Fields in the Gulf of San Jorge Basin, Argentina (SPE-131360) - <i>G. Palacios* (VYP), A. Paradiso (VYP) & F. Tuero (VYP)</i>
10:20	P504 Magnetic Properties of Ukraine Soils and Their Informational Content - <i>O. Menshov* (Taras Shevchenko Nation University of Kiev) & A. Sukhorada (Taras Shevchenko Nation University of Kiev)</i>	EU11 Surfactant Stimulation to Increase Reserves in Carbonate Reservoir – A Case Study in Semoga Field (SPE-130060) - <i>N. Rilian* (Medco), M. Sumentry (Medco) & W. Wahyuningsih (Medco)</i>
10:45	P505 A New Biostratigraphical Tool for Reservoir Characterisation and Well Correlation in Permo-carboniferous Sandstones - <i>J.F.L. Garming* (TNO), H. Cremer (TNO), R.M.C.H. Verreussel (TNO), E. Guasti (TNO) & O.A. Abbink (TNO)</i>	EU12 Pseudo-steady State Productivity Equation for a Multiple-wells System in a Sector Fault Reservoir (SPE-130866) - <i>J. Lu* (Petroleum Institute Abu Dhabi) & S. Ghedan (Petroleum Institute Abu Dhabi)</i>
11:10	Break	Break
11:30	P506 Micro Focus Computed Tomography in Geotechnical and Geophysical Research - <i>O. Johnsen* (Norwegian Geotechnical Institute), M. Soldal (Norwegian Geotechnical Institute), F. Cuisiat (Norwegian Geotechnical Institute) & E. Aker (Norwegian Geotechnical Institute)</i>	EU13 Potential of Asphaltene Deposition in Light Oil Reservoir – CO2 Flooding Project (SPE-130298) - <i>W.N. Adyani* (Petronas)</i>
11:55	P507 Finite-difference Simulation of 3D Seismic Scattering on the Base of Locally Refined Grids - <i>V.A. Tcheverda* (Institute of Petroleum Geology & Geophysics), V.V. Lisitsa (Institute of Petroleum Geology & Geophysics), G.V. Reshetova (Institute of Computational Mathematics and Mathematical Geophysics SB RAS) & P. Thore (Total)</i>	EU14 Non-Darcy Displacement in Linear Composite and Radial Flow Porous Media (SPE-130343) - <i>Y.S. Wu* (CSM) & P. Perapon Fakcharoenphol (CSM)</i>
12:20	P508 Creating a Unified Geologic Database – Methods and Techniques - <i>L Bingham* (University of Stavanger), A. Escalona (University of Stavanger) & P. Mann (The University of Texas at Austin)</i>	EU15 A Neural Network Approach for Real-time Evaluation of Sandstone Reservoir Strength (SPE-130047) - <i>H. Soroush* (Weatherford)</i>
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Poster presentations

Thursday 17 June

	POSTERBOX 05	POSTERBOX 07
	Environmental Issues & Applications (EAGE) <i>E. Toros (Eotvos Lorand Geophysical Institute (ELGI)), X. H. Campman (Shell International Exploration & Production BV)</i>	Carbonate and Fractured Reservoirs (EAGE) <i>I. Moeck (GFZ Potsdam), A. Carrillat (Schlumberger Asia Limited)</i>
09:30		P522 Fracture Distribution of a Non-cylindrical Anticline Located on a Major Basement Fault - <i>I. Romaire* (Institute of Earth Sciences 'Jaume Almera'), J. Vergés (Institute of Earth Sciences 'Jaume Almera'), G. Casini (Statoil), E. Casciello (Institute of Earth Sciences 'Jaume Almera'), E. Saura (Institute of Earth Sciences 'Jaume Almera'), N. Fernández (Institute of Earth Sciences 'Jaume Almera') & D.W. Hunt (Statoil)</i>
09:55	P512 Pulsed Neutron-neutron Measurement Applications for Quality Control of Surface and Ground Water - <i>P. Backup* (Der Bohrlochmesser) & M. Backup (Der Bohrlochmesser)</i>	P523 Hydrothermal Dolomitization in the Upper Triassic Ghalilah Formation, North-eastern United Arab Emirates - <i>S. Fontana* (Pavia University), F.H. Nader (IFP), A. Ceriani (Pavia University), S. Morad (Petroleum Institute) & I.S. Al-Aasm (Petroleum Institute)</i>
10:20	P513 Geophysical Detection of Soil and Underground Water Contamination in the Vicinity of Oil Refineries - <i>D. Ioane* (University of Bucharest), F. Chitea (University of Bucharest) & P. Georgescu (University of Bucharest)</i>	P524 Forward Model of the Eocene-Miocene Orogenic Evolution of Polish and Slovak Outer Carpathians - <i>L. Gagala* (Institute of Earth Sciences 'Jaume Almera'), J. Vergés (Institute of Earth Sciences 'Jaume Almera'), E. Saura (Institute of Earth Sciences 'Jaume Almera'), T. Malata (Polish Geological Institute), J.C. Ringenbach (Total E&P), P. Werner (Total) & P. Krzywiec (Polish Geological Institute)</i>
10:45	P514 Integrating Seismic and Resistivity Surveys on Mine Wastes - <i>R. Orza* (University of Bucharest), I. Panea (University of Bucharest) & C. Iacob (University of Bucharest)</i>	P525 Diagenetic Evolution of the Casablanca Oil Reservoir, Offshore Spain - <i>N. Rodriguez-Morillas* (University of Barcelona), E. Playà (University of Barcelona), A. Travé (University of Barcelona) & J.D. Martín-Martín (University of Barcelona)</i>
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Poster presentations

Thursday 17 June

	POSTERBOX 09	POSTERBOX 11
	Petrophysics (EAGE) <i>P.E. Renoux (Geostock), G. Dresen (GFZ Potsdam)</i>	Seismic Interpretation 1 (EAGE) <i>J.H. Hake (Shell UK E & P Ltd.), K. Lorincz (MOL Plc.)</i>
09:30	P531 Uncertainty Quantification in Forward Petro-physical Model Using Empirical Bayes - <i>M.S. Shahraeeni* (University of Edinburgh) & A. Curtis (University of Edinburgh)</i>	P541 A Study on the Influence of Seismic Wavelet Phase in Thin-Bed Reservoir Post-Stack Inversion - <i>X. Xi* (BGP, CNPC), Y. Ling (BGP, CNPC), D.S. Sun (BGP, CNPC), J. Gao (BGP, CNPC) & J.X. Lin (BGP, CNPC)</i>
09:55	P532 Can We Determine Permeability with the Stoneley Wave Slowness from Acoustic Full Waveform - <i>M.J. Bala* (AGH University of Science and Technology)</i>	P542 Pre-drill Overpressures Prediction in the South Caspian Basin using Seismic Data - <i>Y.A. Shykhaliyev* (State Oil Company of the Azerbaijan Republic) & A.A. Feyzullayev (Geology Institute of AzNAS)</i>
10:20	P533 Application of Micro-CT for Study of Residual Water in Reservoir Pore Space - <i>D. Korost* (Moscow State University)</i>	P543 Using Curvature Attributes to Identify a Carbonate Paleokarst System in the Ordos Basin - <i>Y. Duan* (CNPC-BGP), J. Tao (CNPC-BGP), L. Zeng (CNPC-BGP), M. Bi (CNPC-BGP) & B. Feng (CNPC-BGP)</i>
10:45	P534 Applying Local Linear Neuro-fuzzy Model to Predict a Well Log from Other Well Logs - <i>M.R. Vasheghani Farahani* (Dana Geophysics), M. Nabi-Bidhendi (University of Tehran) & H. Khoshdel (NIOC)</i>	P544 Identification of Tuning Effects Using Analytically Computed Tuning Curves - Case Study - <i>P. Marzec* (AGH University of Science and Technology) & K. Pietsch (AGH University of Science and Technology)</i>
11:10		Break
11:30		P545 A New Quantitative Approach to Predicting Physical Property Changes During Diagenesis of Mudstones - <i>R.C. Neagu* (Cardiff University), J. Cartwright (Cardiff University) & R. Davies (Durham University)</i>
11:55		P546 Hydrocarbon Prospectivity of the North Scotian Fold Belt and the South Malvinas Basin - <i>L.M. Anderson* (GEO International Ltd), I. Davison (GEO International Ltd), P. Gormly (ION Geophysical) & P. Nuttall (ION Geophysical)</i>
12:20		P547 Methods and Results of Studying the Paleozoic Petroleum Complex of the West-Siberian Plate - <i>V.L. Kuznetsov* (SNIIGGIMS), A.S. Salnikov (SNIIGGIMS), B.A. Kanareikin (SNIIGGIMS) & V.V. Titarenko (SNIIGGIMS)</i>
12:45		P548 Using Continuous Wavelet Transform to Detect Oil-filled Channel at one of the Iran Southeast Oil Fields - <i>M. Nejati* (University of Tehran), H.R. Soleymani (University of Tehran) & M.A. Riyahi (University of Tehran)</i>
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Poster presentations

Thursday 17 June

	POSTERBOX 13	POSTERBOX 15
	Seismic Interpretation 2 & CRS (EAGE) <i>C. Soufleris (Centrica Energy), G. Gierse (TEEC)</i>	Microseismicity (EAGE) <i>A.L. Vesnaver (OGS), B.W. Artman (Spectraseis AG)</i>
09:30	P551 Near Surface Gas and Fluid Escape Features – Hydrocarbon and Hazard Potential, Offshore Gabon - <i>S. Raussen* (PGS), R. Borsato (PGS), R. Findlay (PGS), J. Greenhalgh (PGS), H. Zu (PGS), M. Martin (PGS), M.R. Moussavou (DGH) & F.F. Moukoumbi (DGH)</i>	P561 Complexity of Hydraulic Fractures – The B-value - <i>T. I. Urbancic (Engineering Seismology Group Canada), A.M. Baig* (Engineering Seismology Group Canada) & S. Bowman (Engineering Seismology Group Canada)</i>
09:55	P552 The Use of Seismic Inversion to Revisit the Reservoir Mapping of a Large Carbonate Brown Field - <i>M. Pratap (ONGC), S. Sharma* (Schlumberger), A. Carrillat (Schlumberger Asia Ltd), B.L. Lohar (ONGC), R. Bhanja (ONGC), A. Saha (ONGC) & F. Friedel (Schlumberger)</i>	P562 Microseismic Event Relocation Using Arrival Times and Cross-correlation Coefficients – A Synthetic Study - <i>J. Kummerow* (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>
10:20	P553 Interactive Static Corrections to Avoid Mis-interpretation of Seismic Data Due to Near-surface Velocity Changes - <i>P.C.H. Veeken (Wintershall Holding), I. Korotkov* (GDS) & V. Kozyrev (GDS)</i>	P563 Microseismic Imaging at KTB - <i>A. Reshetnikov* (Free University of Berlin), J. Kummerow (Free University of Berlin), S. Buske (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>
10:45	P554 Seismic Investigation of the Earth's Crust in the Sub-shelf Zone of North-eastern Russia – Chukot Peninsula - <i>V.L. Kuznetsov* (SNIIGGiMS), A.S. Salnikov (SNIIGGiMS), V.V. Titarenko (SNIIGGiMS) & V.M. Solovyev (Siberian Branch of Russian Academy of Sciences)</i>	P564 Quantitative Analysis of Diffusivity Estimates Obtained from Microseismicity Based on Nonlinear Diffusion - <i>N. Hummel* (Free University of Berlin) & S.A. Shapiro (Free University of Berlin)</i>
11:10	Break	Break
11:30	P555 Local Stretch Zeroing NMO Correction - <i>N. Kazemi* (University of Tehran) & H.R. Siahkoochi (University of Tehran)</i>	P565 Using Spectral Attributes to Detect Seismic Tremor Sources – A Synthetic Study - <i>M.A. Lambert (ETH Zürich), S.M. Schmalholz (ETH Zürich) & E.H. Saenger* (ETH Zürich/Spectraseis)</i>
11:55	P556 Applying the CRS Stack Method to Solve the Problem of Imaging of Complex Structures in the Zagros Overthrust, South West - <i>M. Soleimani (Shahrood University of Technology), J. Mann (Karlsruhe Institute of Technology), E. Adibi Sedeh* (Shahrood University of Technology), H. Shahsavani (Shahrood University of Technology) & I. Piruz (Shahrood University of Technology)</i>	P566 3D-imaging of 2D-time Reverse Modeling - <i>B. Steiner* (Spectraseis) & E.H. Saenger (ETH Zürich/Spectraseis)</i>
12:20	P557 Fourth Order Crs Stacking Method – Examples - <i>P. Chira* (Federal University of Pará)</i>	P567 Time Reverse Characterization of Sources in Heterogeneous Media - <i>E.H. Saenger* (ETH Zürich/Spectraseis)</i>
12:45	P558 Partial 3D CRS Stack - <i>M. Baykulov (University of Hamburg) & D. Gajewski* (University of Hamburg)</i>	P568 Relating Acoustic Emission Sources to Rock Failure Around a Borehole - <i>E. Aker* (Norwegian Geotechnical Institute), F. Cuisiat (Norwegian Geotechnical Institute), M. Soldal (Norwegian Geotechnical Institute) & D. Kuehn (NORSAR)</i>
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Poster presentations

Thursday 17 June

	POSTERBOX 17	POSTERBOX 18
	Seismology (EAGE) <i>S.C. Maxwell (Schlumberger Canada)</i>	
09:30	P571 Detailed Section of the Lithosphere in Angola Basin on the Seismic Refraction Data with Account of Earth Curvature - <i>V.B. Pip* (Moscow State University)</i>	
09:55	P572 Source Parameters and Epicentral Relocation of The 22 June 2002 Avaj Earthquake - <i>N. Sarmadi* (Institute of Science and Reseach Branch, Azad University) & M. Gheitanchi (University of Tehran)</i>	
10:20	P573 Source Characteristics of the 28th May 2004 Baladeh-Kojur Destructive Earthquake in Central Alborz - <i>F. Golabi* (University of Tehran)</i>	
10:45	P574 Fault-plane Identification by a Geometrical Method – Application to Moderate Earthquake Mw 5.1 Kerman, Iran - <i>B. Hejrani* (University of Tehran), M.R. Hatami (University of Tehran) & S. Mousavi (University of Tehran)</i>	
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		Seismic and GPR Diffraction Modeling and Imaging (EAGE) <i>T.J. Moser, M.A. Pelissier (Marathon Oil Co.)</i>
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16:30		P591 A Brief Summary of Hessian Based Modelling in a Shared Earth Environment - <i>G. Toxopeus* (Statoil) & J.W. Thorbecke (Delft University of Technology)</i>
16:55		P592 Multi-frequency Phase Coherent Super-resolution Imaging - <i>E.G. Asgedom* (University of Oslo) & L.J. Gelius (University of Oslo)</i>
17:20		P593 Accurate Modeling of Fractured Reservoir Not Using Equivalent Medium Theory - <i>P. Thore* (Total) & I. Tarrass (Total)</i>
17:45		P594 Modified Form of Reverse Time Migration Tuned to Multiple - <i>G. Zhan (University of Utah), Y. Luo (Saudi Aramco) & G.T. Schuster* (University of Utah)</i>

Poster presentations

Thursday 17 June

POSTERBOX 21

Potential Fields (EAGE)

A.B. Reid (Reid Geophysics Ltd), M.H. Krieger (Terrasys Geophysics)

- 09:30 **P581** Anomalies of the Earth's Magnetic Total Field in Germany – A New Homogenous, High-resolution Compilation - *C.M. Krawczyk* (LIAG), G. Gabriel (LIAG), D. Vogel (LIAG), R. Scheibe (Geophysik GGD mbH), H. Lindner (Geophysik GGD mbH), R. Pucher (LIAG) & T. Wonik (LIAG)*
- 09:55 **P582** Satellite and Ground Gravimetry – The Innovative Approaches in Studying the Earthquake Nature and Prognosis - *S.M. Demianets* (National Mining University of Ukraine) & M.M. Dovbnich (National Mining University of Ukraine)*
- 10:20 **P583** Edge-preserved 2D Inversion of Magnetic Data – An Application to Makran Arc-trench Complex - *L. Namaki* (University of Tehran), A. Gholami (University of Tehran) & M.K. Hafzi (University of Tehran)*
- 10:45 **P584** Geophysical Models of the Earth's Crust Structure of the Northern Urals - *P.S. Martyshko* (Institute of Geophysics Ural Branch RAS), N.V. Fedorova (Institute of Geophysics Ural Branch RAS), V.V. Kolmogorova (Institute of Geophysics Ural Branch RAS) & I.V. Ladovskiy (Institute of Geophysics Ural Branch RAS)*
- 11:10 Break
- 11:30 **P585** Gravity Model of a Transect in the Southern Region of the Central Andes - *M.P. Martínez (CONICET/Universidad Nacional de San Juan), A. Casas* (University of Barcelona) & M.E. Giménez (CONICET/Universidad Nacional de San Juan)*
- 11:55 **P586** 3D Gravimetric Characterization of El Bierzo Carboniferous Basin and Ponferrada Granite, León, NW - *C. Ayala* (Spanish Geological Survey (IGME)), F.M. Rubio (Spanish Geological Survey (IGME)), C. Rey-Moral (Spanish Geological Survey (IGME)), J.L. Plata (Spanish Geological Survey (IGME)), M.I. Reguera (Spanish Geological Survey (IGME)), J.L. García-Lobón (Spanish Geological Survey (IGME)) & K. Motis (CGS Ingeniería)*
- 12:20 **P587** Magnetic Basement Study in the Barents Sea from Inversion and Forward Modelling - *L. Marelló* (Geological Survey of Norway (NGU)/NTNU), J. Ebbing (Geological Survey of Norway (NGU)/NTNU) & L. Gernigon (Geological Survey of Norway (NGU))*
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