Oral presentations Wednesday 14 June

	Room A1	**Room A2**
	BROADBAND ACQUISITION AND PROCESSING I *H. Jakubowicz (Imperial College London) & G. Williams (Dolphin Geophysical Limited)*	
8:30	**We A1 01 - Deghosting through Notches Using Echo Deblending - Synthetic and Field Data Examples -** J.W. Yoo* (Aramco Overseas Company B.V.), R.F. Hegge (Aramco Overseas Company B.V.), R.G. van Borselen (Aramco Overseas Company B.V.)	
8:55	**We A1 02 - A Probabilistic Model for Ghost Delay Time Estimation Based on Recording Geometry -** J.E. Rickett* (Schlumberger), I. Cecilio (Schlumberger)	
9:20	**We A1 03 - Guided Phase-shift De-Ghosting -** S. Grion* (Shearwater GeoServices)	
9:45	**We A1 04 - The Use of the Reconstructed Cables for Imaging Exploration Targets in Highly Complex Geologic Settings Offshore Newfoundland Canada -** J. Perdomo (WesternGeco), H. Ahmed (WesternGeco), A.V. Zarkhidze (WesternGeco), A. Imamshah (WesternGeco), C. Cunnell (WesternGeco), P. Watterson* (WesternGeco)	
10:10	**Coffee break**	
10:30	**We A1 05 - Resolution, Resolution, Resolution - An Ultra-high Resolution Seismic Case Study from the Barents Sea -** M. Garden* (OMV E&P GmbH), O. Michot (OMV E&P GmbH), M. Terenzoni (OMV E&P GmbH), H.H. Veire (OMV (Norge) AS), J.R. Granli (OMV (Norge) AS), L.M. Moskvil (OMV (Norge) AS), K.I. Krathus-Larsen (OMV (Norge) AS)	
10:55	**We A1 06 - Benefits of Broadband Variable-depth Streamer Data for Gas Reservoir Prediction in the Deepwater Area of the South China Sea -** Y.N. Luo* (China University of Petroleum (Beijing)), H.D. Huang (China University of Petroleum (Beijing)), S. Zhang (China University of Petroleum (Beijing)), R.N. Xu (China University of Petroleum (Beijing)), C. Guo (China University of Petroleum (Beijing)), D. Yang (China University of Petroleum (Beijing))	
11:20	**We A1 07 - Improved Deep Target Reservoir Imaging with Broadband WATS Data in the East China Sea -** H. Chen (CNOOC), S. Hu (CNOOC), Y. Wei (CNOOC), P. Deng* (CGG), Y. Xiao (CGG), W. Kuang (CGG), S. Cao (CGG), S. Poonamalli (CGG), R. To (CGG), J. Zhou (CGG), J. Sun (CGG), G. Yao (CNOOC), Y. Jiang (CNOOC)	
11:45	**We A1 08 - Improved Processing of Discover Data on the Schiehallion Field - Keeping the Data Apart for Longer -** D.M.D. Davies* (BP), T. Lyon (BP)	
	TIME LAPSE AND PRM I *R. Wombell (CGG) & R. Telling (Shearwater GeoServices)*	**SEISMIC IMAGING - CASE HISTORIES** *I.F. Jones (ION) & K.R. Nunn (NunnGeo Consulting Limited)*
12:10	**Tu A1 09 - Optimizing 4D Seismic with Evolving Technology over 20 Years of Reservoir Monitoring of the Gullfaks Field, North Sea -** D.J. Anderson* (PGS), M. Wierzchowska (PGS), J. Oukili (PGS), D. Eckert (Statoil ASA), E. Sadikov (Statoil ASA)	**Tu A2 09 - Reviving Old Seismic Data Using Latest Broadband Processing Technology - A Case Study from West Of Shetland -** H. Toubiana Lille* (CGG), G. Gigou (CGG), L. Vivin (CGG), T. Rebert (CGG), S. Baillon (CGG), J.-L. Rivault (CGG), L. Smadja (CGG), J. Palmer (CGG), H. Krishna (CGG), G. James (CGG)
12:30	**Tu A1 10 - Planning for Success - Acquiring Australia's First 4D Time Lapse Survey Over a Gas Field, Pluto Reservoir, North West Shelf -** J.P. Fitzpatrick* (Woodside Energy), G. Pemberton (ION Geophysical)	**Tu A2 10 - Broadband Imaging in the Barents Sea - Impact of 3D Survey Design and Data Processing on Jurassic Lead Quality -** A. Salem* (TGS), M. Romanenko (TGS), B. Kjølhamar (TGS)
12:50	**Tu A1 11 - The Impact of Wave-induced Source Variations On 4D Repeatability -** A.V. Goertz* (PGS), A. Blachet (EOST Strasbourg), J.F. Wisløff (PGS)	**Tu A2 11 - Extensive Broadband 3D Seismic to De-risk and Mature the West of Shetland Exploration Portfolio -** S. Joseph* (Total E & P UK), X. Lu (Total E & P UK), K. Bykov (Total E & P UK), A. Douillard (Total E & P UK)
13:10	**Tu A1 12 - Very Sparse Seabed Seismic Acquisition for 3D/4D Reservoir Imaging with High-order Multiples. Application to Jubarte PRM -** D. Lecerf* (Petroleum Geo-Services), C. Barros (PGS), E. Hodges (PGS), A. Valenciano (PGS), S. Lu (PGS), N. Chemingui (PGS), P. Johann (Petrobras), E. Thedy (Petrobras)	**Tu A2 12 - Imaging of Multiples and its Application on Single Sensor Data -** J. Mao (TGS), S.N. Baldock* (TGS), J. Sheng (TGS)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room A1	Room A2
	BUILDING AND UPDATING SUBSURFACE 3D MODELS I *W. Meddaugh (Midwestern State University) & J. ten Veen (TNO)*	**SEISMIC ATTENUATION - ESTIMATION AND COMPENSATION** *J.-L. Boelle (Total) & M.D. Mangriotis (Heriot-Watt University)*
13:30	**We A1 09 - Surface-Based Modelling of Subsurface Reservoirs Using Parametric NURBS Surfaces -** C. Jacquemyn* (Imperial College London), Y. Melnikova (Imperial College London), M.D. Jackson (Imperial College London), G.J. Hampson (Imperial College London)	**We A2 09 - Improved Q Estimation and Application in the Time Domain with Broadband Seismic Data from the North Sea -** A.J. Hardwick* (TGS), D. Woods (University of Leeds), H. Masoomzadeh (TGS), R. Clark (University of Leeds)
13:55	**We A1 10 - Automatic Sealing and Simplification of 3D Geological Surface Models Using Topology Recovery -** P. Anquez* (GeoRessources - UL/CNRS/CREGU), G. Caumon (GeoRessources - UL/CNRS/CREGU), J. Pellerin (Université Catholique de Louvain), B. Lévy (Inria Nancy - Grand Est)	**We A2 10 - A Dictionary Learning Approach for Interval Q Estimation and Compensation -** H.S. Aghamiry* (Institute of Geophysics, University of Tehran), A. Gholami (Institute of Geophysics, University of Tehran)
14:20	**We A1 11 - 3D Geomodelling in Structurally Complex Areas - Implicit vs. Explicit Representations -** P. Collon* (GeoRessources - UL/CNRS/CREGU), G. Caumon (GeoRessources - UL/CNRS/CREGU)	**We A2 11 - Wavefield Reconstruction in Attenuating Media Using Time-Reversal Checkpointing and K-Space Filtering -** Y.F. Wang* (China University of Petroleum), H. Zhou (China University of Petroleum), Q.C. Zhang (China University of Petroleum), X.Z. Zhao (China University of Petroleum), Z. Zhou (China University of Petroleum), Y. An (China University of Petroleum)
14:45	**We A1 12 - Method to Generate a Watertight Geological Model Directly From a Seismic Volume -** F. Pauget (ELIIS), S. Lacaze* (ELIIS)	**We A2 12 - The K-Space Green's Functions for Decoupled Constant-Q Wave Equation and its Adjoint Equation -** Y.F. Wang* (China University of Petroleum), H. Zhou (China University of Petroleum), X.Z. Zhao (China University of Petroleum), M.M. Xia (China University of Petroleum), X.L. Cai (Foxconn Technology Group)
15:10	**Coffee break**	**Coffee break**
15:30	**We A1 13 - A Parametric Unfault-and-refault Method for Chronological Structural Modelling -** G. Godefroy* (GeoRessources - UL/CNRS/CREGU), G. Laurent (GeoRessources - UL/CNRS/CREGU), G. Caumon (GeoRessources - UL/CNRS/CREGU), B. Walter (GeoRessources - UL/CNRS/CREGU)	**We A2 13 - A Novel Q Compensation Filter Implementation in the Migrated Local Angle Domain -** G. Dekel* (Paradigm), D. Chase (Paradigm), R. Levy (Paradigm), Z. Koren (Paradigm)
15:55	**We A1 14 - Reservoir Modelling and Production Experience of a Heterogeneous Rotliegend Reservoir - K18-Golf Gas Field Netherlands -** K.J.C. Pipping* (Wintershall Noordzee BV), R. Bachmann (Wintershall Noordzee B.V.), V. Smirnov (Wintershall Noordzee B.V.), M. Bron (Wintershall Noordzee B.V.), I. Gutierrez (Wintershall Noordzee B.V.)	**We A2 14 - Q-factor Estimation Using Reconstructed Source Consistency Inversion -** M. Shustak (Tel Aviv University), A. Lellouch* (Tel Aviv University), E. Landa (Tel Aviv University), M. Reshef (Tel Aviv University)
16:20	**We A1 15 - Iterative Workflow for Facies Modelling On the Alvheim Field, Norwegian Continental Shelf -** A. Hjellbakk* (Aker BP), K. Langaas (Aker BP), J. Mouatt (Aker BP), M.A. Leonthin (Aker BP), A. Kotwicki (Aker BP), O. Urazovskaya (Aker BP), N. Gueze (Aker BP)	**We A2 15 - Constant and Frequency-dependent Attenuation from Vertical Seismic Profiles in Fractured Granite and Thinly Layered Sediment -** C.D. Cantú Bendeck* (University of Leeds), R.A.C. Clark (University of Leeds), A.D.B. Booth (University of Leeds), W.W. Wills (Avalon Sciences Ltd)
16:45	**We A1 16 - Use of Stratigraphic Modelling for Prediction of Reservoir Continuity in Coastal Environments -** S.F. Courtade* (Schlumberger), C. Warren (Schlumberger), P. Salomonsen (Schlumberger), J. Tveiten (Schlumberger)	
	TIME LAPSE AND PRM I *R. Wombell (CGG) & R. Telling (Shearwater GeoServices)*	**SEISMIC IMAGING - CASE HISTORIES** *I.F. Jones (ION) & K.R. Nunn (NunnGeo Consulting Limited)*
17:10	**Tu A1 13 - A 4D Seismic Processing Case Study in a Difficult Shallow Offshore Complex Carbonate Field -** A.A. Adeyemi* (Total SA), A. Lafram (Total SA), P. Charron (Total SA), C. Radigon (CGG SA), T. Pigeaud (Total EP Qatar), M. Emang (Qatar Petroleum)	**Tu A2 13 - High Fidelity Velocity Model Building, Imaging and Reflectivity Inversion - A Case Study over the Viking Graben Area, Norwegian North Sea -** Ø. Korsmo* (PGS), O.J. Askim (Aker BP), Ø. Runde (Aker BP), G. Rønholt (PGS)
17:30	**Tu A1 14 - Time-lapse Velocity Change Tomography -** J.A. Edgar* (Total), N. Mastio (Total)	**Tu A2 14 - Complex Reservoir De-risking Using Advanced Pre-stack Depth Migration Technology -** P. Denman* (CGG), J. Clough (CGG), P. Kurnik (CGG), J. Taylor (CGG), G. Cattini (CGG), A. Holman (CGG), S. Hollingworth (CGG), M. Ackers (Centrica), S. Forsund (Centrica), C. Soufleris (Centrica)
17:50	**Tu A1 15 - Distributed Acoustic Sensing Applied to 4D Seismic: Preliminary Results From the CO2CRC Otway Site Field Trials -** J.C. Correa* (Curtin University and CO2CRC), B.M. Freifeld (Lawrence Berkeley National Laboratory), M. Robertson (Lawrence Berkeley National Laboratory), R. Pevzner (Curtin University and CO2CRC), A. Bona (Curtin University and CO2CRC), D. Popik (Curtin University and CO2CRC), S. Yavuz (Curtin University and CO2CRC), K.V. Tertyshnikov (Curtin University and CO2CRC), S. Ziramov (Curtin University and CO2CRC), V. Shulakova (CSIRO and CO2CRC), T.M. Daley (Lawrence Berkeley National Laboratory)	**Tu A2 15 - Land Seismic Data Processing in Complex Foothills Regions - A Case Study From Southwest Tarim Basin -** G. Peng* (Tarim Oilfield Company), M. Chen (Tarim Oilfield Company), W. Duan (Tarim Oilfield Company), W. Wei (Tarim Oilfield Company), C. Zhao (Schlumberger), X. Yao (Schlumberger), R. Li (Schlumberger)
18:10	**Tu A1 16 - Continuous Subsurface Monitoring by Passive Seismic Data Recorded with Distributed Acoustic Sensors: the 'Stanford DAS Array' Experiment -** E. Martin (Stanford University), B.L. Biondi* (Stanford University), S. Cole (OptaSense Ltd.), M. Karrenbach (OptaSense Ltd.)	**Tu A2 16 - The Unique Seismic Processing and Imaging Experience with Fascinating Data from Onshore Trinidad -** S. Bidikhova* (GeoVectra Ltd), M.A. Hall (GeoVectra Ltd.)
18:30	**Tu A1 17 - Best Practices to Monitor the CO_2 Sequestration at Krechba Field - Algeria -** F. Zeboudj* (Sonatrach)	**Tu A2 17 - A Step Change in Seismic Imaging Quality in Western Desert of Egypt - An Acquisition Case Study -** A. Saleh (Shell), A. El. Fiki (Shell), J.M. Rodriguez (Ardiseis), S. Laroche (CGG), K.Y. Castor (CGG), D. Marin (CGG), T. Bianchi (CGG), P. Bertrand (CGG), P. Herrmann* (CGG)

TUESDAY SESSION

Note: technical programme version - 15 April 2017.

Oral presentations Wednesday 14 June

	Room A3	Room A4
	FWI II - CASE STUDIES *D. Vigh (Schlumberger) & A. Stopin (Shell Global Solutions International BV)*	**PASSIVE MARGINS AND RIFTED SYSTEMS - MODELLING AND CASE STUDIES** *I. Guerra (Schlumberger Geosolutions) & M. Eckard (Wintershall Holding GmbH)*
8:30	**We A3 01 - A Robust Multistage Full Waveform Inversion and Its Application -** J. Mao* (TGS), J. Sheng (TGS), M. Hart (TGS), T. Kim (TGS)	**We A4 01 - 3D Numerical Modelling of Salt Tectonics -** T.S. Baumann* (Johannes Gutenberg University), B.J.P. Kaus (Johannes Gutenberg University), P. Eichheimer (Johannes Gutenberg University)
8:55	**We A3 02 - Revealing Shallow and Deep Complex Geological Features with FWI - Lessons Learned -** N. Chazalnoel (CGG), A. Gomes* (CGG), W. Zhao (CGG), B. Wray (CGG)	**We A4 02 - Kinematic and Dynamic Modelling for Rift Formation in Crustal Extensional Mechanisms -** M. Santi* (Tecgraf Institute), A.L. Muller (Tecgraf Institute), J.P. Ibanez (Tecgraf Institute)
9:20	**We A3 03 - Vertical Wavespeed, Density and Attenuation Imaging by 3D Efficient Frequency-domain FWI of Wide-azimuth OBC Data - A North Sea Case Study -** S. Operto* (GeoAzur), A. Miniussi (Observatoire Cote d'Azur)	**We A4 03 - 3D Modelling of the Deep Structures of Distal Rifted Margins -** J.F. Autin* (EOST - IPGS - Université de Strasbourg), M. Scheck-Wenderoth (GFZ), S. Leroy (iSTEP - Sorbone - Université Paris 6)
9:45	**We A3 04 - Imaging Beneath a Gas Cloud in the North Sea without Conventional Tomography -** C. Ravaut* (Statoil ASA), F.A. Maaø (Statoil ASA), J. Mispel (Statoil ASA), A. Osen (Statoil ASA), M. Warner (Imperial College London), L. Guasch (S-Cube, London), T. Nangoo (S-Cube, London)	**We A4 04 - Integrated Forward Stratigraphic Model of a Passive Margin -** C. Pellan* (Repsol CTR), L. Fontanelli (Repsol CTR)
10:10	Coffee break	Coffee break
10:30	**We A3 05 - Reducing Project Turnaround by Optimizing the Model Building Workflow Using Full-waveform Inversion and Reflection Tomography - A North Sea Case Study -** S. Gupta* (Schlumberger), M. Steiger-Jarvis (WesternGeco), J. Bailey (WesternGeco)	**We A4 05 - Sequence Stratigraphy of Rift Successions - A Conceptual Model -** D.B.R. Vilas-Boas (GETA/UFBA), E.B. Troccoli (GETA/UFBA), P.A.D. Vidigal-Souza (UFBA), M. Holz (Universidade Federal da Bahia), M. Holz* (Universidade Federal da Bahia)
10:55	**We A3 06 - From Full Waveform Inversion to Kirchhoff Least-squares Migration - Correcting the Effects of Mass-transport Complexes for Better Reservoir Imaging -** B. Bai* (CGG), Y. Song (CGG), Y. Liu (CGG)	**We A4 06 - Uplift And Extension in the Slyne Basin of the Irish Atlantic Margin - Implications for Its Structure and Evolution -** S.I. Purwagandhi* (University of Leeds)
11:20	**We A3 07 - High-resolution Land Full Waveform Inversion - A Case Study on a Data Set from the Sultanate of Oman -** A. Sedova* (CGG), G.T. Royle* (CGG), O. Hermant (CGG), M. Retailleau (CGG), G. Lambaré (CGG)	**We A4 07 - The East Siberian Sea Continental Margin: Geological Structure and Petroleum Potential -** G.I. Ivanov* (JSC MAGE), G.S. Kazanin (JSC MAGE), T.A. Kirillova-Pokrovskaya (JSC MAGE), Y.B. Barabanova (JSC MAGE), S.F. Chernikov (JSC MAGE), S.P. Pavlov (JSC MAGE)
11:45	**We A3 08 - FWI with Scaled-sobolev Preconditioning Applied to Short-offset Vibroseis Field Data -** B.P. Consolvo* (University of Western Ontario), M.A.H. Zuberi (University of Western Ontario), R.G. Pratt (University of Western Ontario), P.W. Cary (Arcis Seismic Solutions, TGS)	**We A4 08 - Deep Imaging of Extensional Structures in the SW South China Sea -** Y. Liang* (Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing), M. Delescluse (Laboratoire de Géologie de l'ENS), J. Wang (Guangzhou Marine Geological Survey, Guangzhou, P.R. China), M. Pubellier (Laboratoire de Géologie de l'ENS), N. Chamot-Rooke (Laboratoire de Géologie de l'ENS), Y. Qiu (Guangzhou Marine Geological Survey, Guangzhou, P.R. China), D. Savva (Laboratoire de Géologie de l'ENS), F. Meresse (Laboratoire de Géologie de l'ENS), Z.L. Wang (Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing)
	FWI I *H. Chauris (Mines ParisTech) & L. Metivier (CNRS)*	**ELECTROMAGNETICS - MODELLING AND INVERSION** *R. Streich (Shell Global Solutions International BV) &* *X. Garcia (CSIC - Institute of Marine Sciences)*
12:10	**Tu A3 09 - Extrapolated Full Waveform Inversion Via Model Extension -** Y.E. Li* (Massachusetts Institute of Technology)	**Tu A4 09 - 3D CSEM Inversion Of Data Affected by Infrastructure -** J.P. Morten (EMGS), L. Berre* (EMGS), S. de la Kethulle de Ryhove (EMGS), V. Markhus (EMGS)
12:30	**Tu A3 10 - Extending the Search Space of Time-domain Adjoint-state FWI with Randomized Implicit Time Shifts -** M. Louboutin* (University of British Columbia), F.J. Herrmann (University of British Columbia)	**Tu A4 10 - A Multiscale Approach for Casing Modelling -** E. Haber (Computational Geosciences / UBC), C. Schwarzbach* (Computational Geosciences), W. Wilhelms (University of British Columbia), M. McMillan (University of British Columbia)
12:50	**Tu A3 11 - Variance-based Salt Body Reconstruction -** O.O. Ovcharenko* (King Abdullah University of Science & Technology), V.V. Kazei (King Abdullah University of Science & Technology), D. Peter (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**Tu A4 11 - Petrophysical Joint Inversion - Squeezing the Value Out of CSEM -** A.E. Zerilli* (Schlumberger), F. Miotti (Schlumberger), P.T.L. Menezes (Petrobras), J.L.S. Crepaldi (Petrobras)
13:10	**Tu A3 12 - New Frechet Derivative for Envelope Data and Multi-scale Envelope Inversion -** R.S. Wu* (University of California, Santa Cruz, USA), G.X. Chen (Zhejiang University)	**Tu A4 12 - Geological Consistency From Inversions of Geophysical Data -** C. Scholl (CGG), S. Hallinan (CGG), F. Miorelli* (CGG), M.D. Watts (CGG)

TUESDAY SESSION

Oral presentations Wednesday 14 June

Time	Room A3	Room A4
	SEISMIC INTERPRETATION - NEW WORKFLOWS AND CASE STUDIES I *M.F. Francis (Schlumberger) & G. Paton (GeoTeric)*	**SEISMIC SIGNAL PROCESSING I** *M. van der Baan (University of Alberta) & R. Soubaras (CGG)*
13:30	**We A3 09 - Fine Structure Mapping of Target Reservoir Beneath Volcanic Rock - A Case Study of HD Area** - Y.N. Li* (BGP, CNPC), D.S. Sun (BGP, CNPC), H. Jiang (RIPED, CNPC), Z. Zou (BGP, CNPC), Y. Lin (BGP, CNPC), G.Z. Wang (BGP, CNPC)	**We A4 09 - Estimation of the P-wave Velocity of the Near Surface Using Dispersion Analysis of the Guided P-wave** - K.F. Campbell (Michigan Technological University), R. Askari* (Michigan Technological University), W.D. Pennington (Michigan Technological University), A. Javahery (NIOC)
13:55	**We A3 10 - Seismic Thin Bed Interpretation Supported by Seismic Modelling on Inyan Kara Group, North Dakota, USA** - S.F. Courtade* (Schlumberger)	**We A4 10 - Use of Virtual Dipole Shear Source in Offshore Shear Wave Exploration Without Any Contact to the Seafloor** - H. Ozasa* (Kyoto University), J. Takekawa (Kyoto University), H. Mikada (Kyoto University)
14:20	**We A3 11 - Diffraction Imaging and Well Planning - A Case Study in the Dutch North Sea** - D. Brethaut* (SGS), B. Hartstra (SGS), M. Jaya (SGS), T.J. Moser (Moser Geophysical Services)	**We A4 11 - Recursive-iterative Zero-phase Filtering Via Singular Spectrum Analysis** - M.J. Porsani* (Bahia Federal University), M.G. Silva (Federal University of Bahia), B. Ursin (Norwegian University of Science & Technology)
14:45	**We A3 12 - Grane - Better Seismic Imaging - Low Price for Higher Production!** - A. Sæbø* (Statoil ASA), T. Andersen (Statoil ASA), S.S. Roy (Statoil ASA)	**We A4 12 - Changeable Frequency and Phase of Seismic Data** - L. Han* (CNOOC Research Institute)
15:10	**Coffee break**	**Coffee break**
15:30	**We A3 13 - Reservoir Characterization and Delineation in a Geologically Complex Area of Onshore Ukraine - Challenges and Solutions** - O.M. Tiapkina* (Tutkovsky Institute), O.I. Okrepkyi (Taras Shevchenko National University of Kyiv)	**We A4 13 - The Method of Seismic Deconvolution Using Fourth-order Cumulant on Description of Thin-interbed Reservoirs** - J.F. Zheng* (Bohai Oilfield Research Institute of China National Offshore Oilfield Corporation Limite-Tianjin), G. Peng (Bohai Oilfield Research Institute of China National Offshore Oilfield Corporation Limite-Tianjin), D.K. Xu (Bohai Oilfield Research Institute of China National Offshore Oilfield Corporation Limite-Tianjin), J.L. Sun (Bohai Oilfield Research Institute of China National Offshore Oilfield Corporation Limite-Tianjin), Z.Y. Zhen (Bohai Oilfield Research Institute of China National Offshore Oilfield Corporation Limite-Tianjin)
15:55	**We A3 14 - Alwyn North Field Ocean Bottom Node (OBN) - A Step Change in Seismic Imagery, Inversion & Interpretation** - A. Mitra* (Total E & P UK), O. Onyia (Total E & P UK), J. Frangeul (Total E & P UK), A. Parsa (Total E & P UK)	**We A4 14 - 3D Receiver Deghosting of Seismic Streamer Data via L1 Inversion** - Y. Sun* (Aramco Overseas Company B.V.), D.J. Verschuur (Delft University of Technology)
16:20	**We A3 15 - Seismic Correlations of Well Markers in Difficult Settings - An Example from the Nelson Field - Forties Sandstones** - F. Qayyum (dGB Earth Sciences), N. Sakuyama (Idemitsu Petroleum UK), V. Romanova (dGB Earth Sciences), A. Huck (dGB Earth Sciences), P.F.M. de Groot* (dGB Earth Sciences)	**We A4 15 - RR Algorithm for Robust Inversion of Seismic Data** - A. Gholami (Institute of Geophysics, University of Tehran), H. Aghamiry* (Institute of Geophysics, University of Tehran)
16:45	**We A3 16 - Seismic Interpretation with Regional Structural Awareness - A New Interpretation Technique** - J. Lowell* (GeoTeric), D. Norton (GeoTeric), G. Paton (GeoTeric)	**We A4 16 - Seismic Impedance Inversion Using Cauchy Norm Regularization** - H. Karsli (Karadeniz Technical University), D. Odjam* (Karadeniz Technical University)
	FWI I *H. Chauris (Mines ParisTech) & L. Metivier (CNRS)*	**ELECTROMAGNETICS - MODELLING AND INVERSION** *R. Streich (Shell Global Solutions International BV) &* *X. Garcia (CSIC - Institute of Marine Sciences)*
17:10	**Tu A3 13 - Multi-parameter FWI: Long-wavelength Updates and Leakage Reduction in Acoustic Anisotropic Media** - J. Ramos-Martinez*(PGS), J. Shi (Rice University), L. Qiu (PGS), A.A. Valenciano (PGS), N. Chemingui (PGS)	**Tu A4 13 - Enhanced Heavy Oil Reservoir Characterization by Constrained Inversion of Land Controlled Source EM Data** - F. Ceci* (Schlumberger), A. El-Emam (Kuwait Oil Company), M. Pezzoli (Schlumberger), N. Cuevas (Schlumberger)
17:30	**Tu A3 14 - A Second-order Adjoint Truncated Newton Approach to Time-domain Multiparameter Full Waveform Inversion in Viscoacoustic Medium** - P. Yang* (Universite Grenoble Alpes), R. Brossier (Univ. Grenoble Alpes, ISTerre), L. Métivier (Univ. Grenoble Alpes - CNRS), J. Virieux (Univ. Grenoble Alpes, ISTerre), W. Zhou (Univ. Grenoble Alpes, Total E&P)	**Tu A4 14 - Improved Reservoir Characterization from Integration of Towed Streamer EM and Dual-sensor Broadband Seismic Data** - Z. Du* (PGS), G. Namo (Former PGS), V. Charoing (PGS), C. Reiser (PGS)
17:50	**Tu A3 15 - Reflection Full Waveform Inversion Using a Modified Phase Misfit Function** - C. Cui* (China University of Petroleum (East China)), Y.D. Guo (China University of Petroleum (East China)), J.P. Huang (China University of Petroleum (East China)), Z.C. Li (China University of Petroleum (East China))	**Tu A4 15 - Sweep Efficiency Evaluation to Increase Recovery An Integrated Approach for Inter-well Reservoir Saturation Mapping** - A.F. Marsala* (Saudi Aramco), S. Lyngra (Saudi Aramco), S.M. Ma (Saudi Aramco), S.F. Alsaif (Saudi Aramco), P. Zhang (Schlumberger), M. Ramadan (Schlumberger), W. Abdallah (Schlumberger)
18:10	**Tu A3 16 - Automatic WEMVA by Focusing Subsurface Offset Virtual Sources** - B. Sun* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**Tu A4 16 - Borehole to Surface Electromagnetic Monitoring of Hydraulic Fractures** - G.M. Hoversten* (Chevron), C. Schwarzbach (University of British Columbia), P. Belliveau (University of British Columbia), E. Haber (University of British Columbia), R. Shekhtman (University of British Columbia)
18:30		**Tu A4 17 - CSEM Revisited - Shales and Reservoir Monitoring** - S. Davydycheva* (KMS Technologies), I. Geldmacher (KMS Technologies), T. Hanstein (KMS Technologies), K. Strack (KMS Technologies)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room A5	Room B1
	ROCK PHYSICS I - PORE STRUCTURES AND STRESS EFFECTS *T. Coléou (CGG) & I. Escobar (Maersk Oil America Inc.)*	**TIME-LAPSE SEISMIC FOR RESERVOIR CHARACTERIZATION** *G.F.T. Watts (SoundSabre Ltd) &* *F. Borges (Norwegian University of Science and technology)*
8:30	**We A5 01 - Incorporating Small-scale Properties in DRP Modelling and Up - Scaling by Pattern Detection -** L.F. Sun* (China University of Petroleum (Beijing)), D.Y. Li (China University of Petroleum (Beijing))	**We B1 01 - Estimation of Time-lapse Velocity Changes Using Gaussian Reconstruction -** P.K.T. Nguyen* (Heriot-Watt University), C. MacBeth (Heriot-Watt University), M.D. Mangriotis (Heriot-Watt University)
8:55	**We A5 02 - Effect of Grain Shapes in Coordination Number from Micro-CT Image Analysis of an Unconsolidated Sand -** Z. Ahmed* (Curtin University of Technology), M. Lebedev (Curtin University of Technology), M. Madadi (Curtin University of Technology)	**We B1 02 - Quantitative Interpretation of Time-lapse Seismic for an Oil-sand Reservoir in Alberta, Canada -** C. Dumitrescu* (Terra-IQ Ltd.), G. Larson (Devon Canada Corporation)
9:20	**We A5 03 - Multi-Scale Image Analysis of Digital Carbonate Rock -** H. Sun* (China University of Petroleum (Beijing)), G. Tao (The Petroleum Institute, Abu Dhabi), S. Vega (The Petroleum Institute, Abu Dhabi), B. Wang (China University of Petroleum (Beijing)), H. Liu (China University of Petroleum (Beijing)), K. Li (China University of Petroleum (Beijing))	**We B1 03 - 4D Anisotropy Analysis on the Niobrara Formation Using P-wave Legacy Survey -** A. Nurhasan* (Reservoir Characterization Project), K.M.W. Wright (FairfieldNodal)
9:45	**We A5 04 - A New Pore Shape Substitution Technique for Pore Structure Characterization -** G.Z. Zhang (China University of Petroleum (East China)), H.B. Li (Research Institute of Petroleum Exploration & Development, PetroChina), C. Lv (China University of Petroleum (East China)), J.J. Zhang* (China University of Petroleum (East China))	**We B1 04 - Solving the Seismic Detectability Issue of Emulsion Formation for Chemical EOR -** D.R. Ghazali (PETRONAS Carigali Sdn. Bhd.), S. Mad Sahad* (PETRONAS Carigali Sdn. Bhd.), M.R.U. Alimat (PETRONAS Carigali Sdn. Bhd.)
10:10	Coffee break	Coffee break
10:30	**We A5 05 - Stress-dependent Crack Density Tensor Characterization and Fluid Content Identification in Cracked Medium -** L.H. Huang* (China University of Petroleum), G.Z. Zhang (China University of Petroleum), X.Y. Yin (China University of Petroleum), J.J. Zhang (China University of Petroleum)	**We B1 05 - Multi-vintage Time-lapse Seismic Interpretation Method Used to Understand Dynamic Behaviors of Deep-water Turbidite Reservoirs in Dalia Field, Angola -** S. Yuh* (Total E&P Angola), E. Buré (Total E&P Angola), D. Alabo (Total E&P Angola)
10:55	**We A5 06 - Estimation of Effective Geostress Parameters Driven by Anisotropic Stress and Rock Physics Models with Orthorhombic Symmetry -** X. Pan* (China University of Petroleum), G. Zhang (China University of Petroleum), X. Yin (China University of Petroleum)	**We B1 06 - The Value of 4D Seismic Monitoring at Bell Creek - A Mature Oil Field Undergoing CO_2 Enhanced Oil Recovery -** O. Salako* (Energy and Environmental Research Center), L. Jin (Energy and Environmental Research Center), S.A. Burnison (Energy and Environmental Research Center), J.A. Hamling (Energy and Environmental Research Center), C.D. Gorecki (Energy and Environmental Research Center), S. Reed (Denbury Onshore LLC), T. Richards (Denbury Onshore LLC)
11:20	**We A5 07 - Kinematic Variables in Poroelasticity and Interfacial Strain -** T.M. Mueller (CSIRO Earth Science and Resource Engineering), P.N. Sahay (CICESE), M. Pervukhina* (CSIRO)	**We B1 07 - History Matching with Automated Integration of 4D Seismic -** M. Ball (BP), J. Bradley (BP), B. Davies (BP), S. Fowler (BP), T. Hance* (BP), M. Riviere (BP), C. Selwood (BP)
11:45	**We A5 08 - Some Constrains for Velocity Prediction by Means of the Porosity Deformation Approach -** S.I. Mayr* (Freie Universitaet Berlin), V.A. Sviridov (Freie Universitaet Berlin), S.A. Shapiro (Freie Universitaet Berlin)	**We B1 08 - Time-shifts Interpretation of Legacy and Frequent Repeat Seismic Data in a Compacting Chalk Reservoir -** M.Y. Wong* (Heriot-Watt University), C. MacBeth (Heriot-Watt University), H. Amini (Heriot-Watt University)
	THE BEST OF PETROLEUM GEOSCIENCE (DEDICATED SESSION) *P.A.F. Christie (Schlumberger) & P.S. Ringrose (Statoil ASA)*	**SIMULTANEOUS SOURCES - ACQUISITION AND PROCESSING** *I. Jack (Retired) & D.J. Verschuur (Delft University of Technology)*
12:10	**Tu A5 09 - Rift Transection, Inversion and Punctuated Subsidence - Tectonic Development of the North Falkland Basin -** T. Lohr* (ERC Equipoise Limited)	**Tu B1 09 - Simultaneous Source, Long-offset, Dual-azimuth Acquisition Offshore Gabon - A Change in Perspective -** D. Cook (CGG), G. Poole (CGG), R. Schouten (CGG), C. Mallows (CGG), K. Cichy (CGG), H. McHugh* (CGG)
12:30	**Tu A5 10 - Gravity-driven Deformation of a Youthful Saline Giant - The Interplay between Gliding and Spreading in the Messinian Basins of the Eastern Mediterranean -** H. Allen* (Shell), C. Jackson (Imperial College London), A.J. Fraser (Imperial College London)	**Tu B1 10 - The Benefits of Simultaneous Shooting on Land for Improved Productivity and Enhanced Data Quality through Dense Source Sampling -** D. McCarthy* (CGG), A. Berhaud (CGG), S. Mahrooqi (PDO), G. Henin (CGG), J. Shorter (PDO)
12:50	**Tu A5 11 - Updates on Quantitative Seismic Interpretation Using Inverse Rock Physics Modelling -** E.H. Jensen* (Rock Physics Technology AS), K. Bredesen (University of Bergen), T.A. Johansen (University of Bergen, Svalbard; The Arctic University of Norway), P. Avseth (G&G Resources AS; NTNU)	**Tu B1 11 - Penta Source - High-resolution Marine Seismic From Shallow to Deep Water -** E. Hager* (Polarcus), P. Fontana (Polarcus)
13:10	**Tu A5 12 - Compaction of Cretacous Mudstones across Haltenbanken and Implications for Pore Pressure Estimation -** A.M.P. Cicchino (Durham University), C. Sargent (Durham University), N.R. Goulty* (Durham University), A.M. Ramdhan (Bandung Institute of Technology)	**Tu B1 12 - Pseudo-random Simultaneous Source Acquisition Offshore Abu Dhabi -** C.D.T. Walker* (Seabed GeoSolutions), G. Ajlani (Seabed GeoSolutions), M. Hall (GeoVectra), S. Al Masaabi (ADNOC), A. Al Kobaisi (ADNOC), G. Casson (ADNOC), H. Hagiwara (ADNOC)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room A5	Room B1
	DAS AND NOVEL METHODS *I.M. Geldmacher (Independant) & E. Kragh (Schlumberger)*	**ROCK PHYSICS - BASIN AND RESERVOIR CHARACTERIZATION** *A.-J. van Wijngaarden (Statoil ASA) & L. Dillon (Petrobras)*
13:30	**We A5 09 - An Innovative Method for NMR Inversion Combining Curvature Smoothing and Maximum Entropy Regularization** - J. Guo* (China University of Petroleum (Beijing)), R.H. Xie (China University of Petroleum (Beijing)), G.W. Jin (China University of Petroleum (Beijing)), C.Y. Xu (China University of Petroleum (Beijing))	**We B1 09 - From Cradle to Grave - Modelling the Rock-physics 'Life Story' of a Sandstone** - P. Avseth* (G&G Resources), I. Lehocki (Lehocki Geospace)
13:55	**We A5 10 - Estimating Shear-wave Transverse Isotropy of Fast Formation from Borehole Flexural-wave Measurements** - S. Xu* (China University of Petroleum), X.M. Tang (China University of Petroleum), Y.D. Su (China University of Petroleum), C.X. Zhuang (China University of Petroleum)	**We B1 10 - Rock Physics Modelling of Compaction and Cementation Effects Using a Hybrid Rock Physics Workflow** - Y. Zhou (Rock Solid Images), F. Ruiz (Repsol), M. Ellis* (Rock Solid Images), P. Vera De Newton (Rock Solid Images)
14:20	**We A5 11 - Tube-wave Generation Due to Permeable Layers in a VSP Experiment - A New Model Elucidating the Effect of Dip Angles** - S. Minato* (Delft University of Technology), R. Ghose (Delft University of Technology)	**We B1 11 - Temperature-dependent Velocities of Seismic P-wave in Heterogeneous Multi-phase Fluid-saturated Reservoirs** - X. Chen* (Chengdu University of Technology), W. Jiang (Chengdu University of Technology), S. Jiang (Chengdu University of Technology), J. Jia (Chengdu University of Technology), B. Li (Research Institute of Exploration & Development, PetroChina Tarim Oilfield Company, China)
14:45	**We A5 12 - Up-down Wavefields Reconstruction in Boreholes Using Single-component Data** - Y. Liu* (Norwegian University of Science & Technology), B. Arntsen (Norwegian University of Science & Technology), J. van der Neut (Delft University of Technology), K. Wapenaar (Delft University of Technology)	**We B1 12 - Linking Thermal and Elastic Properties in Sandstones Reservoir Rocks** - L. Pimienta* (Laboratoire de Géologie de l'ENS), N. Klitzsch (Institute for Applied Geophysics and Geothermal Energy, E.ON Energy Research Center, RWTH Aachen University), J. Sarout (CSIRO-Earth Science and Resource Engineering), L. Esteban (CSIRO-Earth Science and Resource Engineering), C. Clauser (Institute for Applied Geophysics and Geothermal Energy, E.ON Energy Research Center, RWTH Aachen University)
15:10	**Coffee break**	**Coffee break**
15:30	**We A5 13 - Amplitude and Phase Response of DAS Receivers** - A. Bona* (Curtin University of Technology), T. Dean (Curtin University), J. Correa (Curtin University), R. Pevzner (Curtin University), K.V. Tertyshnikov (Curtin University), L. Van Zaanen (Curtin University)	**We B1 13 - Elastic Anisotropy Soft Porosity Model for Sands and Shales** - M.H. Ellis* (RSI), Y. Zhou (RSI), F. Ruiz (Repsol)
15:55	**We A5 14 - Depth Calibration of DAS VSP Channels - A New Data-driven Method** - A. Mateeva (Shell Global Solutions International), P.M. Zwartjes* (Shell Global Solutions International)	**We B1 14 - Rock Physics Inversion for Anisotropic Shale Reservoirs Based on Bayesian Scheme** - W. Fu* (Jilin University), C. Liu (Jilin University), Z.Q. Guo (Jilin University), X.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute), Y.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute)
16:20	**We A5 15 - Parameterization of a Helical DAS Fibre Wound about an Arbitrarily Curved Cable Axis** - K.A. Innanen* (University of Calgary)	**We B1 15 - Investigating Electrical Anisotropy Drivers across the Barents Sea** - M.H. Ellis* (RSI), L.M. MacGregor (Rock Solid Images), P. Newton (RSI), R. Keirstead (RSI), S. Bouchrara (RSI), Y. Zhou (RSI), H. Tseng (RSI)
16:45	**We A5 16 - The Determination of the Seismic Quality Factor Q from VSP Data Acquired Using Distributed Acoustic Sensing** - T. Dean* (Curtin University), J. Correa (Curtin University)	**We B1 16 - Insights into Earthquake Nucleation from Acoustic Emissions and Stick-slip Instabilities in Friction Experiments** - E. Korkolis* (Utrecht University), A.R. Niemeijer (Utrecht University)
	THE BEST OF PETROLEUM GEOSCIENCE (DEDICATED SESSION) *P.A.F. Christie (Schlumberger) & P.S. Ringrose (Statoil ASA)*	**SIMULTANEOUS SOURCES - ACQUISITION AND PROCESSING** *I. Jack (Retired) & D.J. Verschuur (Delft University of Technology)*
17:10	**Tu A5 13 - Modelling for Comfort** - M. Bentley* (AGR TRACS Training Ltd)	**Tu B1 13 - Deblending of Simultaneous Source with Rank-reduction and Thresholding Constraints** - H. Zhou (China University of Petroleum (Beijing)), W.J. Mao (Institute of Geodesy and Geophysics, CAG), D. Zhang (China University of Petroleum (Beijing)), Q. Ge (Research Institute of Petroleum Exploration & Development), H.M. Wang (China University of Petroleum (Beijing)), Y.K. Chen (University of Texas at Austin), S.H. Zu (China University of Petroleum), S.H. Zu* (China University of Petroleum (Beijing))
17:30	**Tu A5 14 - Fundamental Controls on Flow in Carbonates - Insights from Multi-scale, Multi-scenario Modelling** - S.M. Agar* (Aramco Research Center), G.J. Hampson (Imperial College London)	**Tu B1 14 - Separation of Impulsive Blended Seismic Sources Using Orthogonal Matching Pursuit** - E. Shipilova* (Total), J.L. Boelle (Total), M. Barret (CentraleSupélec), M. Bloch (GeorgiaTech), J.L. Collette (CentraleSupélec)
17:50	**Tu A5 15 - Interaction of Stratigraphic and Sedimentological Heterogeneities with Flow in Carbonate Ramp Reservoirs: Impact of Production Strategy** - P.J.R. Fitch* (Imperial College London), M.D. Jackson (Imperial College London), G.J. Hampson (Imperial College London), C.J. John (Imperial College London)	**Tu B1 15 - Mitigating Simultaneous Source Interference with a Robust Imaging Condition** - R.P. Fletcher* (Schlumberger), C. Castellanos (Schlumberger), I. Moore (Schlumberger), C. Beasley (Schlumberger)
18:10	**Tu A5 16 - The Impact of Faults and Fluid Flow on Seismic Images of a Relay Ramp over Production Time** - C.D. Botter* (University of Stavanger), N. Cardozo (University of Stavanger), A. Rotevatn (University of Bergen), I. Lecomte (University of Bergen), G. Paton (GeoTeric)	**Tu B1 16 - Anti-aliased Non-periodic Source Separation** - D.-J. van Manen* (Seismic Apparition / ETH Zurich), J.O.A. Robertsson (Seismic Apparition / ETH Zurich), K. Eggenberger (Seismic Apparition), F. Andersson (Seismic Apparition / Lund University)
18:30	**Tu B1 17 - Signal-Apparition Simultaneous Source Separation for Reservoir Monitoring in the North Sea - Results From the First Field Test** - Å.S. Pedersen* (Statoil ASA), K. Eggenberger (Seismic Apparition GmbH), D.J. van Manen (Seismic Apparition GmbH), F. Andersson (Seismic Apparition GmbH), J.O.A. Robertsson (Seismic Apparition GmbH), L. Amundsen (Statoil ASA), M. Thompson (Statoil ASA), O.A. Solheim (Statoil ASA)	

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room B2	Room B3
	RETRIEVING THE MEDIUM RESPONSE - ACTIVE AND PASSIVE DATA *K. Wapenaar (Delft University of Technology) & I. Vasconcelos (Utrecht University)*	**NEW CONCEPTS IN MULTIPLE ATTENUATION** *D. Lokshtanov (Statoil ASA) & R.F. Hegge (Aramco)*
8:30	**We B2 01 - Source Wavelet Amplitude Spectrum Estimation Using Marchenko Focusing Functions -** C. Mildner* (ETH Zürich), F. Broggini (ETH Zürich), K. de Vos (Shell Global Solutions International), J.O.A. Robertsson (ETH Zürich)	**We B3 01 - Scattering Order Decomposition - Separating Multiples by Order of Scattering -** H.I. Hammad* (Delft University of Technology), D.J. Verschuur (Delft University of Technology)
8:55	**We B2 02 - Elastodynamic Single-sided Homogeneous Green's Function Representation - Theory and Examples -** C. Reinicke Urruticoechea* (Delft University of Technology), C.P.A. Wapenaar (TU Delft)	**We B3 02 - Short Period Demultiple Using Iterative Second Order Multi-dimensional Predictive Deconvolution -** G. Poole* (CGG)
9:20	**We B2 03 - Velocity Analysis Using Surface-seismic Primaries-only Data Obtained Without Removing Multiples -** E. Dokter* (University of Edinburgh), G.A. Meles (University of Edinburgh), A. Curtis (University of Edinburgh), K. Wapenaar (TU Delft)	**We B3 03 - Intelligent Adaptive Subtraction for Multiple Attenuation -** S. Perrier* (Petroleum Geo-Services), R. Dyer (PGS), Y. Liu (PGS), T. Nguyen (PGS), P. Lecocq (PGS)
9:45	**We B2 04 - Retrieving Reservoir-only Reflection and Transmission Responses from Target-enclosing Extended Images -** I. Vasconcelos* (Utrecht University), M. Ravasi (Statoil), J. van der Neut (Delft University of Technology), A. Kritski (Statoil), T. Cui (Schlumberger Gould Research)	**We B3 04 - Shallow Water Attenuation of Multiples by Inversion -** A. Kumar* (DownUnder Geosolutions), G. Hampson (DownUnder Geosolutions), T. Thompson (DownUnder Geosolutions)
10:10	Coffee break	Coffee break
10:30	**We B2 05 - Simulating Micro-seismic Activity with a Discrete Geomechanical Model -** F. Bonneau* (GeoRessources - UL/CNRS/CREGU), M. Raguenel (GeoRessources - UL/CNRS/CREGU), L. Scholtès (GeoRessources - UL/CNRS/CREGU), P. Cupillard (GeoRessources - UL/CNRS/CREGU)	**We B3 05 - Improving Inversion Accuracy by Optimal Internal Multiple Attenuation - A Case Study from the UAE -** F. Xavier de Melo (Schlumberger), A. Glushchenko (Schlumberger), G. Nyein (Schlumberger), W. Krissat (Schlumberger), C. Kostov (Schlumberger), K.M. Al Hosani (Abu Dhabi Company for Onshore Oil Operations), L. Gerardo Figuera (Abu Dhabi Company for Onshore Oil Operations), M. Aamir (Abu Dhabi Company for Onshore Oil Operations), A. Cooke* (Schlumberger)
10:55	**We B2 06 - A Controlled In-situ Fault Activation Experiment at Meter-scale Shows that High-pressure Fluid Injections Mostly Drive Aseismic Motion -** L. Duboeuf* (Université Côte d'Azur, CNRS, OCA,IRD, Géoazur), L. De Barros (Université Côte d'Azur, CNRS, OCA,IRD, Géoazur), F. Cappa (Université Côte d'Azur, CNRS, OCA,IRD, Géoazur), Y. Guglielmi (Lawrence Berkeley National Laboratory), A. Deschamps (Université Côte d'Azur, CNRS, OCA,IRD, Géoazur)	**We B3 06 - Internal Multiple Attenuation by Iterative Construction of Virtual Events -** J. Liu* (Peking University), T. Hu (Peking University)
11:20	**We B2 07 - A Study of Coal Mining-induced Seismicity in Nottinghamshire, UK -** J.P. Verdon* (University of Bristol), R. Luckett (British Geological Survey), B.J. Baptie (British Geological Survey)	**We B3 07 - Integrated Multiple Attenuation Across the Shelf Edge - A Colombian Caribbean Case Study -** E.J. Wiarda (Ecopetrol), W. Conway (TGS), P. Pappano (Ecopetrol America), C. Zhan (TGS), D. Wheaton (TGS), S. Nistala (Ecopetrol), R. Malik (TGS), S. Baldock* (TGS)
11:45	**We B2 08 - Transmission Multicomponent Interferometric Extended Source Velocity Analysis -** A. Jeremic* (Microseismic Inc.), P.M. Duncan (Microseismic Inc.)	**We B3 08 - Seismic Noise Attenuation Using Curvelet Transform and Dip Map Data Structure -** T. Nguyen* (PGS), Y.J. Liu (PGS)
	EXPLORATION DISCOVERIES AND FUTURE TRENDS (DEDICATED SESSION) *B.D. Ritchie (BP) & A. Latham (Wood Mackenzie)*	**RESERVOIR CHARACTERIZATION II** *D. Camus & B. Roure (CGG)*
12:10	**Tu B2 09 - Prospects for Exploration -** T. Dodson* (Statoil ASA)	**Tu B3 09 - Application of Extrapolation Inversion Controlled by Seismic Facies in Predicting Deep Lithologic Hydrocarbon Reservoirs in Tarim Basin of Western China -** Y.X. Miao* (China University of Petroleum), H.D. Huang (China University of Petroleum (Beijing)), J. Zeng (China University of Petroleum (Beijing)), Y.C. Wang (China University of Petroleum (Beijing))
12:30	**Tu B2 10 - Differentiated Strategy Delivering Success - The Cretaceous Petroleum System of Mauritania / Senegal and Beyond -** T.K. Henderson* (Kosmos Energy LLC)	**Tu B3 10 - From Seismic Reflections to Diffractions - Case Study of Interpretation for Development of a Complex Gas Reservoir -** S.-K. Foss* (Statoil ASA), E.S. Karlsen (Statoil ASA), J. Mispel (Statoil ASA), K.R. Straith (Formerly Statoil, presently Lundin, Norway), D. Merten (Fraunhofer ITWM, Germany), N. Ettrich (Fraunhofer ITWM, Germany)
12:50	**Tu B2 11 - Cheap Oil and the Dawn of Ultra Deep Water Exploration -** N. Hodgson* (Spectrum Geo), K Rodriguez (SpectrumGeo)	**Tu B3 11 - A Single-step Bayesian Petrophysical Inversion Algorithm Based on a Petrophysical Reformulation of the P-wave Reflection Coefficients -** M. Aleardi (University of Pisa), F. Ciabarri* (EDISON), T. Gukov (EDISON), M. Giussani (EDISON), A. Mazzotti (University of Pisa)
13:10	**Tu B2 12 - Potential of the Orphan Basin, NL, Canada -** E. Le Guerroué* (Beicip-Franlab), P.Y. Chenet (Beicip-Franlab), B. Lebreuilly (Beicip-Franlab), P. Jermannaud (Beicip-Franlab), D. McCallum (Nalcor Energy), V. Mitchell (Nalcor Energy), N. Montevecchi (Nalcor Energy), I. Atkinson (Nalcor Energy), R. Wright (Nalcor Energy)	**Tu B3 12 - Reservoir Optimization Case Studies -** S. Shariatipour (Coventry University), A. Baroni* (Harouge Oil Operations)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room B2	Room B3
	SEISMIC ANISOTROPY - FWI AND PARAMETERIZATION *I. Tsvankin (Colorado School of Mines) & K. Al-Yahya (CGG)*	**SEISMIC RESERVOIR CHARACTERIZATION - CASE STUDIES AND INVERSION** *O.I. Barkved (Petoro AS) & J. Lim (BP)*
13:30	**We B2 09 - On the Parameterization of Seismic Anisotropy in Elastic Waveform Inversion - The HTI Case -** M. Jakobsen* (University of Bergen), I. Psencik (Czech Academy of Sciences), E. Iversen (University of Bergen), B. Ursin (NTNU and The Federal University of Bahia)	**We B3 09 - Survey Design Comparison Regarding Seismic Reservoir Characterization Objectives - A Case Study from South Tunisia -** L. Michou* (CGG), L.M. Michel (CGG), P.H. Herrmann (CGG), T.C. Coléou (CGG), P.F. Feugere (CGG), J.L.F. Formento (CGG)
13:55	**We B2 10 - On the Resolution of Inversion for Orthorhombic Anisotropy -** V.V. Kazei* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We B3 10 - Discriminating between Commercial and Residual Hydrocarbon Saturation Integrating Pre-stack Seismic and CSEM -** P. Alvarez (RSI), L.M. MacGregor* (Rock Solid Images), A. Alvarez (RSI), F. Bolivar (RSI), R. Keirstead (RSI), T. Martin (RSI)
14:20	**We B2 11 - Elastic Impedance Parameterization and Inversion for Anisotropy in HTI Media -** X. Pan* (China University of Petroleum), G. Zhang (China University of Petroleum), J. Song (China University of Petroleum), X. Yin (China University of Petroleum)	**We B3 11 - Detection of Highly Cavernous Sub-Seismic Zones in Carbonate Reservoirs by Scattered Waves -** A. Bibik (RN-KrasnoyarskNIPIneft), K. Gadylshin (Institute of Petroleum Geology & Geophysics SB RAS), T. Khachkova (Institute of Petroleum Geology & Geophysics SB RAS), V. Kolesov (RN-KrasnoyarskNIPIneft), D. Kolyukhin (Institute of Petroleum Geology & Geophysics SB RAS), V.V. Lisitsa (Institute of Petroleum Geology & Geophysics SB RAS), A. Merzlikina (RN-KrasnoyarskNIPIneft), V. Pozdnyakov (Siberian Federal University), M. Protasov (Institute of Petroleum Geology & Geophysics SB RAS), G. Reshetova (Institute of Comp. Math. and Mathematical Geophysics), V. Shilikov (RN-KrasnoyarskNIPIneft), V. Tcheverda* (Institute of Petroleum Geology & Geophysics SB RAS)
14:45	**We B2 12 - Azimuthally Anisotropic EI Inversion for Fluid Indicator Driven by Rock Physic -** X. Pan* (China University of Petroleum), G. Zhang (China University of Petroleum), H. Chen (University of Calgary), X. Yin (China University of Petroleum)	**We B3 12 - Full Waveform Inversion for Reservoir Characterization - A Synthetic Study -** E. Zabihi Naeini* (Ikon Science), N. Kamath (Colorado School of Mines), I. Tsvankin (Colorado School of Mines), T. Alkhalifah (King Abdullah University of Science & Technology)
15:10	Coffee break	Coffee break
15:30	**We B2 13 - Frequency Domain Multi-parameter Full Waveform Inversion for Acoustic VTI Media -** R. Djebbi* (KAUST), T. Alkhalifah (KAUST)	**We B3 13 - High-resolution Fracture Characterization Using Elastic Full-waveform Inversion -** Z. Zhang* (KAUST), I. Tsvankin (Colorado School of Mines), T. Alkhalifah (KAUST)
15:55	**We B2 14 - Optimal Full Waveform Inversion Strategy in Azimuthally Rotated Elastic Orthorhombic Media -** J.W. Oh* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We B3 14 - The Application of Self-facies-control Pre-stack Inversion in Deepwater Turbidity Reservoir -** Z.J. Wang* (CNOOC Research Institute), L. Xu (CNOOC Research Institute), G.Y. Hu (CNOOC Research Institute), Y.Q. Zhang (CNOOC Research Institute), Y. Nie (CNOOC Research Institute)
16:20	**We B2 15 - Orthorhombic Elastic Reflection FWI for AVO and Long Length-Scale Parameter Estimations -** P. Shen* (Chevron Corporation), U. Albertin (Chevron Corporation)	**We B3 15 - Characterization of Shallow High Amplitude Seismic Anomalies in the Hoop Fault Complex, Barents Sea -** S. Chopra (Arcis Seismic Solutions), R. Sharma (Arcis Seismic Solutions, TGS), G. Kirtland Grech* (Arcis Seismic Solutions, TGS), B. Erlend Kjølhamar (TGS, Asker, Norway)
16:45	**We B2 16 - Anisotropic Earth Model Building Using Multi-Survey Full Waveform Inversion with Ocean-Bottom Cable and Streamer Data -** L. Zhang (WesternGeco), N. Zimmermann (WesternGeco), A. Bullock* (WesternGeco), T. Khlussovich (WesternGeco), Ø. Runde (Aker BP), T. Skorve (Aker BP)	**We B3 16 - The Research of Seismic Reservoir Characterization in Paleogene Shahejie Formation - An Example from Bohai Bay, China -** X.T. Liu* (CNOOC Limited Tianjin Branch), C.Q. Liu (CNOOC Limited Tianjin Branch), H.F. Zhao (CNOOC Limited Tianjin Branch), X.F. Zhou (CNOOC Limited Tianjin Branch), H.B. Tang (CNOOC Limited Tianjin Branch), Z.L. Zhang (CNOOC Limited Tianjin Branch), R. Wu (CNOOC Limited Tianjin Branch)
	EXPLORATION DISCOVERIES AND FUTURE TRENDS (DEDICATED SESSION) *B.D. Ritchie (BP) & A. Latham (Wood Mackenzie)*	**RESERVOIR CHARACTERIZATION II** *D. Camus & B. Roure (CGG)*
17:10	**Tu B2 13 - Leveraging Incumbent Positions to Grow Exploration Value -** S. Hildebrand* (BP)	**Tu B3 13 - 1.5D Based Inversion of Logging-while-Drilling Resistivity Measurements in 3D Formations -** C. Torres-Verdín (University of Texas at Austin), D. Pardo (University of the Basque Country), D. Pardo* (University of the Basque Country (UPV/EHU))
17:30	**Tu B2 14 - Exploration Outlook - Fewer, Better Wells and a Return to Profitability -** A. Latham* (Wood Mackenzie)	**Tu B3 14 - Geostatistical Classification of Lithology Using Partitioning Algorithms on Well Log Data - A Case Study in Forest Hill Oil Field, East Texas Basin -** E.B. McCreery* (Lagniappe Onshore LLC), W.J. Al-Mudhafar (Louisiana State University)
17:50	**Tu B2 15 - Megaslides, Source Rocks and Mantle Convection -** N. Hodgson* (Spectrum Geo Ltd), K. Rodriguez (Spectrum Geo Ltd)	**Tu B3 15 - Multi-physics Characterization of Reservoir Prospects in the Hoop Area of the Barents Sea -** P. Alvarez (RSI), F. Marcy (ENGIE E&P), M. Vrijlandt (ENGIE E&P), K. Nichols (RSI), F. Bolivar (RSI), R. Keirstead (RSI), M. Smith (RSI), H.-W. Tseng (RSI), S. Bouchrara (RSI), L.M. MacGregor* (Rock Solid Images), J. Rappke (ENGIE E&P)
18:10		**Tu B3 16 - Geostatistical-based History Matching Guided by Pilot Wells - Application to the Norne Field Benchmark Case -** G.G. Correia* (Unicamp), E.O. Muñoz Mazo (Unicamp), M. Maleki (Unicamp), G. Côrte (Unicamp), D.J. Schiozer (Unicamp)
18:30		**Tu B3 17 - Reservoir Optimization Case Studies -** S. Shariatipour (Coventry University), A. Baroni* (Harouge Oil Operations)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room B4	Room C1
	SEISMIC MODELLING - ANISOTROPIC AND VISCOELASTIC *J. Robertsson (ETH Zurich) &* *M. Charara (Skolkovo Institute of Science and Technology)*	**SHALE GEOLOGY** *C. Demars & J. Le Calvez (Schlumberger Oilfield Services)*
8:30	**We B4 01 - Parallel simulation of Rayleigh Surface Wave in 3D Half-space Viscoelastic Media -** K. Tian* (Shengli Geophysical Research Institute, SINOPEC), C.B. Wang (Shengli Geophysical Research Institute, SINOPEC), J.P. Huang (China University of Petroleum (East China)), C.C. Bu (Shengli Geophysical Research Institute, SINOPEC), X.T. Zhang (Shengli Geophysical Research Institute, SINOPEC)	**We C1 01 - Segmentation Method of Pore Space Based on Fourier Transform Processing of Micro-CT 3D Data -** M. Jędrychowski (AGH University of Science and Technology), P.I. Krakowska* (AGH University of Science and Technology), E. Puskarczyk (AGH University of Science and Technology), P. Madejski (EDF Polska, Research and Development), M. Habrat (AGH University of Science and Technology)
8:55	**We B4 02 - Comparing Spectral-element Numerical Results with Laboratory Data - An Example for a Topographical Model -** B. Solymosi* (Aix-Marseille Univ, CNRS, Centrale Marseille, LMA), N. Favretto-Cristini (Aix-Marseille Univ, CNRS, Centrale Marseille, LMA), V. Monteiller (Aix-Marseille Univ, CNRS, Centrale Marseille, LMA), P. Cristini (Aix-Marseille Univ, CNRS, Centrale Marseille, LMA), B. Ursin (Norwegian University of Science & Technology), D. Komatitsch (Aix-Marseille Univ, CNRS, Centrale Marseille, LMA), B. Arntsen (Norwegian University of Science & Technology)	**We C1 02 - Compaction Trends of Permeability in Artificial Shales Measured Using Pressure-Oscillation Technique -** R.M. Beloborodov (Curtin University), M. Pervukhina* (CSIRO), M. Lebedev (Curtin University)
9:20	**We B4 03 - Alternative, Efficient and Versatile Seismic Wave Propagator -** C. Taillandier* (Total), M. Cuif-Sjostrand (Total), M. Appe (Total), J.-L. Boelle (Total)	**We C1 03 - Petrophysical Model of Polish Shale Gas Rocks on the Basis of Various Laboratory Experiments -** J.A. Jarzyna* (AGH University of Science and Technology), J. Jarzyna (AGH University of Science and Technology), L. Czepirski (AGH University of Science and Technology), P.I. Krakowska (AGH University of Science and Technology), E. Puskarczyk (AGH University of Science and Technology), J. Szczurowski (AGH University of Science and Technology)
9:45	**We B4 04 - Discontinuous Galerkin Method for TTI Eikonal Equation -** P. Le Bouteiller* (Univ. Grenoble Alpes), M. Ben Jemaa (Sfax University), H. Chauris (MINES ParisTech), L. Métivier (Univ. Grenoble Alpes - CNRS), B. Tavakoli F. (Geoazur), M. Noble (MINES ParisTech), J. Virieux (Univ. Grenoble Alpes)	**We C1 04 - How Deep is the Unconventional Resource Play In Jurassic Mikulov Marls beneath the Czech Part of the Vienna Basin? -** O.A. Panova* (National Academy of Sciences of Ukraine, Institute of Geochemistry, Mineralogy and Ore Formation), V.A. Pryvalov (National Academy of Sciences of Ukraine, Institute of Geochemistry, Mineralogy and Ore Formation), P. Bujok (VŠB-Technical University of Ostrava), K. Labus (Silesian University of Technology Gliwice)
10:10	Coffee break	Coffee break
10:30	**We B4 05 - A K-Space Operator-based Temporal High-order Explicit FD Method for VTI and TTI Wave Equation -** M. Yu (University of Science and Technology of China), Z.K. Wang* (China University of Petroleum (Beijing))	**We C1 05 - A New Method to Evaluate the Shale Components From Conventional Logs -** J.B. Li* (China University of Petroleum), S.F. Lu (China University of Petroleum), M. Wang (China University of Petroleum), G.H. Chen (China University of Petroleum)
10:55	**We B4 06 - Wave Simulation in TTI Media with Complex Fluctuation of Reflectors and the Surface -** Q. Dong* (China University of Petroleum (Beijing)), Y. Rao (China University of Petroleum (Beijing); Imperial College London), D.C. Han (China University of Petroleum (Beijing)), Y.H. Wang (Imperial College London)	**We C1 06 - Sedimentology of Black Shale in Turbidite at Semanggol Formation -** K.L. Huang* (Universiti Teknologi PETRONAS), H. Baioumy (Universiti Teknologi PETRONAS), J.M. Lim (Universiti Teknologi PETRONAS), L.Y.S. Lim (Universiti Teknologi PETRONAS), S. Yong (Universiti Teknologi PETRONAS), T. Rajoo (Universiti Teknologi PETRONAS), D.M. Hareedranathan (Universiti Teknologi PETRONAS)
11:20	**We B4 07 - Comparison of Two Staggered-grid Finite-difference Schemes for Elastic Wave Propagation in Anisotropic Media on GPU Devices -** T. Hu* (Institute of Geology and Geophysics, CAS), H. Liu (Institute of Geology and Geophysics, CAS), H.X. Feng (Institute of Geology and Geophysics, CAS), Z.Y. Wang (Institute of Geology and Geophysics, CAS)	**We C1 07 - Comparison of Formation Mechanism of Fresh-water and Salt-water Lacustrine Organic-rich Shale -** S. Lin (CNPC), S. Lin* (CNPC)
11:45	**We B4 08 - An Approximate Method for the Acoustic Attenuating VTI Eikonal Equation -** Q. Hao* (NTNU), T. Alkhalifah (KAUST)	**We C1 08 - Analysis of the Mineralogical Composition of Shales - Case Study Araripe Basin -** C. Dias* (COPPE/UFRJ), J. Soares (UFCG), L. Landau (COPPE/UFRJ), A. Vidal (COPPE/UFRJ), I. Borges (COPPE/UFRJ)
	SEISMIC INTERPRETATION - ANALYTICS AND MACHINE LEARNING FOR INTERPRETATION *M. Hall (Agile) & V. Aarre (Schlumberger)*	**PETROLEUM SYSTEMS OF NORTH AFRICA (DEDICATED SESSION)** *J. Craig (Eni S.p.A. E&P) & J. Cozzi (Eni S.p.A. E&P)*
12:10	**Tu B4 09 - Multi-attribute K-means Cluster Analysis for Salt Boundary Detection -** H. Di (Georgia Institute of Technology), M. Shafiq (Georgia Institute of Technology), G. AlRegib* (Georgia Institute of Technology)	**Tu C1 09 - Multi-phase Thermal History and its Impact on Hydrocarbon Development (Reggane Basin, Algeria) -** H. Jaeger* (GeoResources STC), T. Bechstaedt (GeoResources STC), M. Mohr (DEA Deutsche Erdöl AG)
12:30	**Tu B4 10 - Clustering Seismic Datasets for Optimized Facies Analysis Using a SSCSOM Technique -** H. Hashemi* (Institute of Geophysics, University of Tehran), P. de Beukelaar (SoleGeo), B. Beiranvand (Research Institute of Petroleum Industry), M. Seiedali (Iranian Offshore Oil Company)	**Tu C1 10 - New Insights into the Petroleum Systems of the Central Berkine Basin in Algeria from 2D Basin Modelling -** M. de Block*, C. Rigollet (SGS Horizon), L. de Walque (SGS Horizon), F. Zelghi (SH-FCP), F. Smail (SH-FCP), A. Marianni (SH-FCP)
12:50	**Tu B4 11 - Seismic Facies Analysis by ANFIS and Fuzzy Clustering Methods to Extract Channel Patterns -** S. Hadiloo* (Research Institute of Applied Sciences, ACECR), M. Radad (Tehran University, Institute of Geophysics), S. Mirzaei (Research Institute of Applied Sciences, ACECR), M. Foomezhi (Research Institute of Applied Sciences, ACECR)	**Tu C1 11 - A Frontier Deep Water Play on the Oceanic Crust of the Moroccan Atlantic Margin? -** M. Neumaier* (Schlumberger), R. Littke (RWTH Aachen), S. Back (RWTH Aachen), P. Kukla (RWTH Aachen), M. Schnabel (BGR), C. Reichert (BGR)
13:10	**Tu B4 12 - Salt Classification Using Deep Learning -** A.U. Waldeland* (University of Oslo), A.H.S.S. Solberg (University of Oslo)	**Tu C1 12 - The Satal Petroleum System of the Western Sirt Basin, Libya - From Reservoir Development to Regional Charge History -** R. Aboushoug* (Royal Holloway, University of London), D. Boote (DavidBoote Consulting Ltd), A. Dardour (Libyan Petroleum Institute), A. Gudmundsson (Royal Holloway, University of London)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room B4	Room C1
	MICROSEISMIC - IMAGING AND EVENT LOCATION *L. Eisner (Seismik s.r.o.) & E. Landa (Tel Aviv University)*	**OIL AND GAS HISTORY OF EUROPE (DEDICATED SESSION)** *J.-J. Biteau (Total) & J.-J. Jarrige (Societe Geologique de France (SGF))*
13:30	**We B4 09 - The Senstivity of Detection-limited D-values to the Magnitude Distribution -** M.J. Williams* (Schlumberger), J.H. Le Calvez (Schlumberger)	**We C1 09 - German Petroleum Geologists in World War II -** M. Kölbl-Ebert* (Jura-Museum Eichstätt)
13:55	**We B4 10 - Propagation of Velocity Uncertainties to Microseismic Locations Using a Competitive Particle Swarm Optimizer -** K. Luu* (MINES ParisTech - PSL Research University), M. Noble (MINES ParisTech - PSL Research University), A. Gesret (MINES ParisTech - PSL Research University), N. Belayouni (Baker Hughes), P.F. Roux (Baker Hughes)	**We C1 10 - The TOTAL Group (Total, Fina, Elf and Former Mother Companies) -** J.J. Biteau* (Total SA)
14:20	**We B4 11 - Improving the Efficiency of Microseismic Imaging with Particle Swarm Optimization -** L. Li* (Institute of Acoustics, Chinese Academy of Sciences; UCAS), Y.J. Xie (Institute of Geophysics, University of Hamburg), H. Chen (Institute of Acoustics, Chinese Academy of Sciences), X.M. Wang (Institute of Acoustics, Chinese Academy of Sciences), D. Gajewski (Institute of Geophysics, University of Hamburg)	**We C1 11 - Ayoluengo - An Unique Oil Field Onshore Spain -** J.R. Navarro Comet* (CEPSA E.P. S.A.)
14:45	**We B4 12 - Microseismic Event Localization via Least-squares Full Waveform Inversion with Group Sparsity Constraints -** W. Gao (University of Alberta), M.D. Sacchi* (University of Alberta)	**We C1 12 - The Main Tectono-sedimentary Domains of the Pyrenees -** J.J. Biteau (Total SA), J.M. Masset (Retired), J.J. Biteau (Total SA), M. Le Vot* (Total SA)
15:10	Coffee break	Coffee break
15:30	**We B4 13 - Time Reversal Migration for Passive Sources Using a Maximum Variance Imaging Condition -** H. Wang* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We C1 13 - Hardstoft - Britain's First Oil Field -** J. Craig* (Eni S.p.A. E&P), J. Gluyas (University of Durham), C. Laing (Laing Engineering and Training Services Ltd.), P. Schofield (Oilwell Nurseries, Tibshelf, Derbyshire)
15:55	**We B4 14 - Towards Full Waveform Ambient Noise Inversion -** K. Sager* (ETH Zürich), L.E. Ermert (ETH Zürich), C.B. Boehm (ETH Zürich), A.F. Fichtner (ETH Zürich)	**We C1 14 - Hydrocarbon Discoveries and Improvement of Technologies - Examples from the Exploration in Italy -** R.D.C. Raffaele* (GEPlan Consulting), P.P. Pace (GEPlan Consulting), A.R. Riva (GEPlan Consulting)
16:20	**We B4 15 - Full Waveform Inversion Based Source Location Method Using Source Parameter Isolation -** C. Huang* (Tongji University), L. Dong (Tongji University), Y. Liu (Tongji University), J. Yang (Tongji University)	**We C1 15 - Laggan from Exploration to Development, West of Shetland - 30 Years from Exploration to First Gas -** J.-C. Navarre* (Total E&P Exploration Excellence), J.-Y. Frouté (Total E&P UK), P. Matthews (Total E&P UK)
16:45	**We B4 16 - Downhole Microseismic Monitoring of Polish Shale Deposits -** E. Święch* (AGH University of Science and Technology), P. Wandycz (AGH University of Science and Technology), L. Eisner (Institute of Rock Structure and Mechanics, The Academy of Science of the Czech Republic), A. Pasternacki (AGH University of Science and Technology), T. Maćkowski (AGH University of Science and Technology)	**We C1 16 - History of Norwegian Petroleum Exploration and Its Impact on Norwegian Geosciences -** K. Bjørlykke* (University of Oslo)
	SEISMIC INTERPRETATION - ANALYTICS AND MACHINE LEARNING FOR INTERPRETATION *M. Hall (Agile) & V. Aarre (Schlumberger)*	**GEOMECHANICS** *M. van der Baan (University of Alberta) & L.A. Thomsen (Delta Geophysics)*
17:10	**Tu B4 13 - Seismic Multi-attribute Classification for Salt Boundary Detection - A Comparison -** H. Di (Georgia Institute of Technology), G. AlRegib* (Georgia Institute of Technology)	**Tu C1 13 - Integrated Inverse Method to Estimate Virgin Stress State in Reservoirs and Overburden -** A. Mazuyer* (GeoRessources - UL/CNRS/CREGU), R. Giot (Université de Poitiers), P. Cupillard (GeoRessources - UL/CNRS/CREGU), P. Thore (Total SA), M. Conin (GeoRessources - UL/CNRS), Y. Leroy (Total SA)
17:30	**Tu B4 14 - Multi-attribute Classification Based on Sparse Autoencoder: a Gas Chimney Detection Example -** P.C. Xu* (Tsinghua University), W.K. Lu (Tsinghua University), B.F. Wang (Tsinghua University)	**Tu C1 14 - Geomechanical Aspects of Brown Field Development Drilling in the South Arne Chalk Field, North Sea -** O. Vejbaek* (Hess, Denmark), M. Brasøygård (Hess Denmark Aps), A. Brovelli (Isamgeo Italia srl), J. Daniels (Hess Denmark Aps)
17:50	**Tu B4 15 - Weakly Supervised Seismic Structure Labeling via Orthogonal Non-negative Matrix Factorization -** Y.K. Alaudah (Georgia Institute of Technology), H. Di (Georgia Institute of Technology), G. AlRegib* (Georgia Institute of Technology)	**Tu C1 15 - Combining High Resolution Profiles of Properties Measured on Cores to Enhance the Geomechanical Assessment of Reservoirs -** T. Lhomme* (EPSLOG), C. Germay (EPSLOG), T. Richard (EPSLOG)
18:10	**Tu B4 16 - Testing of Clustering Algorithms on Different 3D Seismic Models -** J. Amtmann* (University of Leoben/ Geo5 GmbH), C.G. Eichkitz (Geo5 GmbH), M.G. Schreilechner (Geo5 GmbH), D. Hofer (University of Leoben), N. Gegenhuber (University of Leoben), M.F. Jud (Geo5 GmbH)	**Tu C1 16 - Assessing Risks of Fault Reactivation through Geomechanical Simulation -** J.D. Lecuyer* (DASSAULT SYSTEMES), E. Gringarten (Paradigm), A. Kalinichev (DASSAULT SYSTEMES)
18:30	**Tu B4 17 - Half Graben Evolution in the Kopet Dagh Fold-and-thrust Belt - Sedimentation and Pale Current History -** R. Noemani Rad* (NIOC Research & Technology Directorate), Gh. Gharabeigli (University of London)	**Tu C1 17 - Use of Bayesian Inference for Estimative of P-wave Arrival -** L.A. Pinto* (UENF), M.A.R. Ceia (UENF), F.V. Santos (UENF), R.M. Misságia (UENF), I.A.L. Neto (UENF)

TUESDAY SESSION

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room C2	Room C3
	FRACTURED AND FAULTED RESERVOIRS - OUTCROPS AND CASE STUDIES *R. Plateaux (Schlumberger) & Y. Geraud (Societe Geologique de France (SGF))*	**NEAR SURFACE : JOINT INVERSION, INTEGRATION, ENVIRONMENTAL AND ENGINEERING** *A. Vesnaver (The Petroleum Institute) & K. Berteussen (GFF AS)*
8:30	**We C2 01 - Tracking Fracture Corridors in Tight Gas Reservoirs - An Algerian Case Study -** N. Nosjean* (ENGIE), Y. Khamitov (ENGIE), R. Yahia-Cherif (Sonatrach AST)	**We C3 01 - Simultaneous Joint Inversion of Seismic and Magnetotelluric Data for Velocity Model Building -** A. El-Emam (Kuwait Oil Company), J. Al-Jenaie (Kuwait Oil Company), M.C. Clementi* (Schlumberger), M. Mantovani (Schlumberger), M. Pezzoli (Schlumberger)
8:55	**We C2 02 - Correlation of Fractures from Core, Borehole Images and Seismic Data in a Chalk Reservoir in the Danish North Sea -** T.M. Aabø* (Technical University of Denmark), J.S. Dramsch (Technical University of Denmark), M.J. Welch (Technical University of Denmark), M. Lüthje (Technical University of Denmark)	**We C3 02 - Decreasing Uncertainty of Joint Gravity and Seismic Inversion by Constraining Initial Models with Well and TEM Data -** A. Cygal (AGH University of Science and Technology), J. Pilch* (AGH University of Science and Technology), A. Pasternacki (AGH University of Science and Technology), M. Stefaniuk (AGH University of Science and Technology), T. Maćkowski (AGH University of Science and Technology), J. Wazny (AGH University of Science and Technology)
9:20	**We C2 03 - Synsedimentary Polygonal Faults System in Tight Chalk - Multiscale Evidence from Outcrop, Flamborough Head (UK) -** O. Faÿ-Gomord (KU Leuven), C. Allanic* (BRGM), M. Verbiest (KU Leuven), E. Lasseur (BRGM), R. Swennen (KU Leuven), B. Gauthier (Total)	**We C3 03 - Estimation of Lake Nasser Water Storage Using Satellite Altimeter and Gravity Data -** K.H. Zahran* (National Research Inst. of Astronomy & Geophysics)
9:45	**We C2 04 - Modelling Laramide Deformation to Predict Fracture Orientations in the Big Sand Draw, Wyoming - Part 2. Fracture Modelling -** E. Macaulay (Midland Valley Exploration Ltd), F.R. Marks (Midland Valley Exploration Ltd), C. Seiler (Midland Valley Exploration Ltd), R. Horine (Devon Energy Corporation), M. Robinson (Devon Energy Corporation), K. Swartz (Devon Energy Corporation), J. Borell (Devon Energy Corporation), L. Cassel (Devon Energy Corporation), C. Reilly (Midland Valley Exploration Ltd), C. Reilly* (Midland Valley Exploration Ltd)	**We C3 04 - Effective Geophysical Methodology for Investigation of a Complex Landslide System in Valjevo, Serbia -** S.P. Petrović (Faculty of Mining and Geology, Belgrade), M.M. Marković (Faculty of Mining and Geology, Belgrade), S.K. Komatina (AGES, Belgrade), K.S. Suto (Terra-Australis Geophysica, Brisbane, Queensland), M.B. Burazer (NIS, Serbia), M.U. Urošević* (Curtin University)
10:10	Coffee break	Coffee break
10:30	**We C2 05 - Injection Triggering Mechanisms Inferred from AMS Fabrics and Microtectonic Analysis - Example of Injectites in the Blue Marls Formation, SE Basin of France -** C. Mehl* (Centre de Géosciences Mines Paristech), P. Robion (Université de Cergy Pontoise)	**We C3 05 - Remote Sensing Detection of a Polluted Site -** D. Dubucq* (Total), A. Credoz (Total)
10:55	**We C2 06 - Pre-Cretaceous Structural Development of the Leirdjupet Fault Complex and Its Impact on Prospectivity, Southwestern Barents Sea, Norway -** I. Kjørsvik (Wintershall Norge AS), F. Hatton (Aker BP), K.H. Dittmers* (DEA Norge As)	**We C3 06 - Feasibility of Detecting Groundwater Flow via Analyzing Radial Anisotropy Estimated by Surface Waves -** L. Gao* (Zhejiang University), Y. Pan (Karlsruhe Institute of Technology), J. Xia (Zhejiang University), T. Bohlen (Karlsruhe Institute of Technology), G. Tian (Zhejiang University)
11:20	**We C2 07 - Structural Controls On Different Styles of Cenozoic Inversion in the Celtic Sea Basins, Offshore Ireland -** P. Rodríguez-Salgado* (iCRAG - Fault Analysis Group, University College Dublin), C. Childs (iCRAG - Fault Analysis Group, University College Dublin), P.M. Shannon (iCRAG - Marine and Petroleum Geology Research Group, University College Dublin), J.J. Walsh (iCRAG - Fault Analysis Group, University College Dublin)	**We C3 07 - Seismic Cone Testing Using Seafloor Drill Technology -** P. Looijen (Fugro Engineers), A.G. Cooper (Fugro Marine GeoServices), D.H. Doan* (Fugro GeoConsulting)
11:45	**We C2 08 - Integrated Multi-physics Approach for Lineament Extraction in Complex Geological Setting - A Case Study from Gediz Graben, Turkey -** G. Bancalà* (Schlumberger), O. Cingiloglu (MasPo Energy), I. Guerra (Schlumberger Geosolutions)	**We C3 08 - Utilizing Sea Floor Samples to De-risk the Petroleum System - A Case Study from Mid Norway -** R. Hatton (CVC Ltd), K.H. Dittmers* (DEA Norge As)
	SHALE PRODUCTION RESILIENCE AND FLEXIBILITY - CAUSES, RISKS AND OPPORTUNITIES (DEDICATED SESSION) *C.L. Strobbia (Real Time Seismic) & F. Kets (University of Leeds)*	**NEAR SURFACE SEISMIC & INDUCED SEISMICITY** *C.L. Strobbia (Real Time Seismic) & F. Kets (University of Leeds)*
12:10	**Tu C2 09 - The Performance of Shale Industry in the US in 2016 - A Demonstration of Resilience -** C. Miaux* (Total)	**Tu C3 09 - Near-Surface Imaging by Enhancing the Effect of Internal Multiples -** S. Masaya* (Delft University of Technology), D.J. Verschuur (Delft University of Technology)
12:30	**Tu C2 10 - Resilience in Bakken -** H.A. Kuzma* (BetaZi)	**Tu C3 10 - Field Data Application of Sequential Full-waveform Inversion of Refracted and Rayleigh Waves -** N. Athanasopoulos* (Karlsruhe Institute of Technology), T. Bohlen (Karlsruhe Institute of Technology)
12:50	**Tu C2 11 - Resilience and Flexibility of the US Shale Production Face to the Volatility of Oil and Gas Prices. Causes, Risks and Opportunities -** C. Amadeï* (Total)	**Tu C3 11 - Time-lapse Full Waveform Inversion for Monitoring Near-surface Microbubble Injection -** R. Kamei* (University of Western Australia), U.G. Jang (University of Western Australia), D. Lumley (University of Western Australia), T. Mouri (JOGMEC), M. Nakatsukasa (JOGMEC), A. Kato (JOGMEC), M. Takanashi (JOGMEC)
13:10	**Tu C2 12 - On the Role of Technology on the Resilience of the Shale Oil Market -** C. Signer* (Schlumberger)	**Tu C3 12 - Laterally Constrained Surface Wave Inversion -** T. Bardainne* (CGG), K. Garceran (CGG), M. Retailleau (CGG), X. Duwattez (CGG), R. Sternfels (CGG), D. Le Meur (CGG)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room C2	Room C3
	IOR-EOR (DEDICATED SESSION) *V. Alcobia & T. Clemens (OMV Exploration & Production GmbH)*	**DEEP THERMO-MECHANICAL MODELLING - A NEW APPROACH (DEDICATED SESSION)** *C. Gout (Total) & R. Huismans (Department of Earth Science, Bergen University)*
13:30	**We C2 09 - Foam Injection - Calibration Methodology from Laboratory Experiments to Pilot Design -** M. Mamaghani* (Beicip-Franlab), V. Alcobia (Beicip-Franlab), M. Chabert (Solvay), B. Bourbiaux (IFP Energies Nouvelles), L. Nabzar (IFP Energies Nouvelles)	**We C3 09 - Linking Lithosphere Deformation and Sedimentary Basin Formation over Multiple Scales Using Thermo-Mechanical Models -** S. Huismans* (Bergen University)
13:55	**We C2 10 - Reduction of Surfactant Adsorption by Alkali Substances in Carbonate Reservoir -** Y. Vathanapanich* (Chulalongkorn University), F. Srisuriyachai (Chulalongkorn University)	**We C3 10 - Geodynamic Model of the Arabian Platform -** D.G. Quirk*, L. Ruepke (GeoMar, Helmholtz Centre, Kiel)
14:20	**We C2 11 - A New Approach to Determine the Individual Chemical Concentrations in Surfactant-polymer Mixtures -** J. Hou* (Aramco Asia Beijing Research Center), M. Han (Saudi Aramco), A. Fuseni (Saudi Aramco), A. AlSofi (Saudi Aramco)	**We C3 11 - Approaching the Meaning of Regional Unconformities of Tectonic Origin Present in Passive Margins from a Numerical-modelling Perspective -** M. Andrés-Martínez* (University of Bremen and MARUM), M. Pérez-Gussinyé (University of Bremen and MARUM), J.J. Armitage (Institut de Physique du Globe de Paris), J.P. Morgan (Royal Holloway, University of London)
14:45	**We C2 12 - Thermotropic Composition with Two Gelation Agent for Water Shut-off and Enhance of Oil Recovery -** V.A. Kuvshinov* (Institute of Petroleum Chemistry SB RAS), L.K. Altunina (Institute of Petroleum Chemistry SB RAS), I. Kuvshinov, L.A. Stasyeva (Institute of Petroleum Chemistry SB RAS), V.V. Kozlov (Institute of Petroleum Chemistry SB RAS)	**We C3 12 - The Effect of Climate Change on Volcanism during Continental Break-up -** J. Armitage* (Institut de Physique du Globe), D. Ferguson (University of Leeds), K. Petersen (Aarhus University), T. Creyts (Lamont-Doherty Earth Observatory)
15:10	**Coffee break**	**Coffee break**
15:30	**We C2 13 - Laboratory Study On Microsphere Injection into Oil-wet and Water-wet Micromodels for Oil Recovery -** D. Cao* (Saudi Aramco), M. Han (Saudi Aramco), J. Wang (Saudi Aramco), A. Alshehri (Saudi Aramco)	**We C3 13 - An Enhanced and Effective Technique for Demarcation of Continental - Oceanic Transition - Application for South Atlantic Conjugate Margins -** V. Maurya* (Observatorio Nacional), S. Fontes (Observatorio Nacional), E. La Terra (Observatorio Nacional)
15:55	**We C2 14 - Decoding the Water Flooding Processes from Produced Water Composition - A Case Study from the Halfdan Chalk Oil Field, Danish North Sea -** N.H. Schovsbo* (GEUS), H. Holmslykke (Geological Survey of Denmark (GEUS)), C. Kjøller (Geological Survey of Denmark (GEUS)), L. Kristensen (Geological Survey of Denmark (GEUS)), K.H. Esbensen (Geological Survey of Denmark (GEUS)), A.Y. Halim (Danish Hydrocarbon Research and Technology Centre (DTU)), S.N. Gottfredsen (Danish Hydrocarbon Research and Technology Centre (DTU)), K.L. Feiberg (Danish Hydrocarbon Research and Technology Centre (DTU)), S.M. Nielsen (Danish Hydrocarbon Research and Technology Centre (DTU))	**We C3 14 - Areas of Pre-Cenozoic Basement in the Eurasian Basin (Arctic Ocean) -** A.L. Piskarev* (VNIIOkeangeologia), A.A. Kireev (VNIIOkeangeologia), V.A. Poselov (VNIIOkeangeologia), V.A. Savin (VNIIOkeangeologia), O.E. Smirnov (VNIIOkeangeologia)
16:20	**We C2 15 - Low Salinity Waterflooding in Sandstone Reservoir Containing Enriched Potassium Ion Concentration -** F. Srisuriyachai* (Chulalongkorn University), C. Peerakham (PTTEP)	
16:45	**We C2 16 - Effect of Water Chemistry on Asphaltene Stabilised Water in Oil Emulsions - A New Search for Low Salinity Water Injection Mechanism -** E. Joonaki* (Heriot-Watt University, Institute of Petroleum Engineering (IPE)), A. Hassanpour Youzband (Heriot-Watt University, Institute of Petroleum Engineering (IPE)), R. Burgass (Heriot-Watt University, Institute of Petroleum Engineering (IPE)), B. Tohidi (Heriot-Watt University, Institute of Petroleum Engineering (IPE))	
	SHALE PRODUCTION RESILIENCE AND FLEXIBILITY - CAUSES, RISKS AND OPPORTUNITIES (DEDICATED SESSION) *C.L. Strobbia (Real Time Seismic) & F. Kets (University of Leeds)*	**NEAR SURFACE SEISMIC & INDUCED SEISMICITY** *C.L. Strobbia (Real Time Seismic) & F. Kets (University of Leeds)*
17:10	**Tu C2 13 - Shale-Oil Production Resilience and Associated Shale-oil Reserves - Towards a Global Approach Based on the Principles of the Petroleum System -** M. Blaizot* (Societe Geologique de France (SGF))	**Tu C3 13 - Direct Statics Estimation from Ground Roll Data - The Role of Higher Modes -** T. Bamarouf* (Saudi Aramco), L.V. Socco (Politecnico di Torino), C. Comina (Università degli Studi di Torino)
17:30	**Tu C2 14 - Shale Oil Production Resilience - Why and How? A Financial Rebound After Bankruptcies? -** A. Olivier, O. Appert* (French Energy Council)	**Tu C3 14 - Induced Seismicity in Groningen -** J. Spetzler* (Royal Netherlands Meteorological Institute)
17:50	**Tu C2 15 - Is Shale Oil the New Oil Swing Producer? -** F.P. Perrin* (Stratener)	**Tu C3 15 - Dynamics of Fluid Induced Aseismic Slip -** P. Dublanchet* (MINES ParisTech), R.C. Viesca (Tufts University)
18:10	**Tu C2 16 - Discussion**	**Tu C3 16 - The Great Cobar Passive Seismic Exploration Pilot Study -** G. Olivier (Institute of Mine Seismology), D. Hollis* (Sisprobe SAS), F. Brenguier (University of Grenoble-Alpes), A. Mordret (Massachusetts Institute of Technology), T. Lecocq (Royal Observatory of Belgium)
18:30		**Tu C3 17 - Ionospheric TEC Monitoring Using Ground Based GNSS Observations for Earthquake Precursor Studies -** S. Kathuria* (University of Petroleum and Energy Studies), B. Grover (University of Petroleum and Energy Studies), P.K. Champati Ray (Indian Institute of Remote Sensing, ISRO), G. Sharma (Indian Institute of Remote Sensing, ISRO)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room D1	Room D2
	DECISION RISK ANALYSIS (EAGE/SPE) *O. Dubrule (Imperial College London) & T. Schaaf (ENGIE)*	**EOR I (SPE)** *F. Verga (Politecnico di Torino) & T. Whittle (Independent)*
8:30	**We D1 01 - Improving Regional V0-K TD Conversion of the Chalk Using Local Presdm Velocities - A Dutch Southern North Sea Case Study -** R. Arts (ENGIE), L. Sandjivy* (SEISQUARE), M. Collet (SEISQUARE), V. Aubin (ENGIE)	**We D2 01 - Chromatography Effects in Alkali Surfactant Polymer Flooding -** M. Lüftenegger (OMV), T. Clemens* (OMV)
8:55	**We D1 02 - Filtering Geological Realizations for SAGD -** Z. Sahaf* (University of Calgary), H. Hamdi (University of Calgary), F. Maurer (University of Calgary), L. Nghiem (Computer Modelling Group Ltd.), Zhangxing Chen (University of Calgary, M. Costa Sousa (University of Calgary)	**We D2 02 - Design and Execution of an MEOR Huff and Puff Pilot in a Wintershall Field -** P. Aditama* (Wintershall Holding GmbH), E. Avbelj (Wintershall Holding GmbH), S. Reimann (Wintershall Holding GmbH), N. Dopffel, E. Mahler (BASF SE), M. Poulsen (Danish Technological Institute), W. Jelinek (Wintershall Holding GmbH), H. Alkan (Wintershall Holding GmbH)
9:20	**We D1 03 - Uncertainty Assessment in Deep Offshore Gulf of Mexico - Case Study from Buckskin Field (Keathley Canyon) -** T. Ait-Ettajer* (Repsol), G. Whiteley (Repsol), S. Fontenla (Repsol), G. Abrarova (Repsol), Y. Dong (Repsol), C. Fajardo (Repsol), R. Cendrowski (Repsol), F. Giannangelli (Repsol)	**We D2 03 - Grimbeek: First Successful Application Polymer Flooding in Multilayer Reservoir at YPF, Key Success Factors -** J.E. Juri* (YPF S.A.), A. Ruiz (YPF S.A.), G. Pedersen (YPF S.A.), P. Pagliero (YPF S.A.), H. Blanco (YPF S.A.), V. Eguia (YPF S.A.), P. Vazquez (YPF S.A.), C. Bernhardt (YPF S.A.), F. Schein (YPF S.A.), G. Villarroel (YPF S.A.), A. Tosi (YPF S.A.)
9:45	**We D1 04 - Protecting Return on Investment through Automated Ensemble-based Quantification of Risk - Norwegian Offshore Field Case Study -** M. Abd-Allah* (Emerson), S. Walia (Emerson), S. Walsh (Emerson), S. Topdemir (Petoro A.S)	**We D2 04 - Enhanced Oil Recovery for Low Pressure or High Temperature Reservoirs by CO_2 Injection -** S.M. Seyyedsar* (Heriot-Watt University), S.A. Farzaneh (Heriot-Watt University), M. Sohrabi (Heriot-Watt University)
10:10	Coffee break	Coffee break
10:30	**We D1 05 - Assessing the Value of Information According to Attitudes towards Downside Risk and Upside Potential -** S.G. Santos* (University of Campinas), D.J. Schiozer (University of Campinas)	**We D2 05 - Vacuum Insulated Tubing Efficiency for Offshore Steam Injection: Case Study From Emeraude Field (Congo) -** J. Guillet-Lhermite* (Perenco), B. Robert (Perenco Congo), F. Bimperling (Perenco Congo), C. Nkoukou (Perenco Congo), J. Damour (MAJUS), P. Ollier (MAJUS)
10:55	**We D1 06 - Decision Risk Analysis to Evaluate Uncertainty on the Percentage of Sharing between Oil Companies and Government at Brazilian Production Sharing Contracts -** J.H. Nascimento*, National Agency of Petroleum - ANP; D.J. Schiozer, University of Campinas	**We D2 06 - Comprehensive Evaluation of the EOR Polymer Viscoelastic Phenomenon at Low Reynolds Number -** M. Be* (Clausthal University of Technology), R.E. Hincapie (Clausthal University of Technology), A. Rock (Clausthal University of Technology), C.L. Gaol (Clausthal University of Technology), M. Tahir (Clausthal University of Technology), L. Ganzer (Clausthal University of Technology)
11:20	**We D1 07 - A Simultaneous Bayesian Estimation of Channelized Facies and Reservoir Properties under Prior Uncertainty -** Y. Zhao (University of Tulsa), F. Forouzanfar* (University of Tulsa)	**We D2 07 - Conformance Control Using SMG Microgels: Laboratory Evaluation and First Field Results -** A. Zaitoun* (Poweltec), G. Dupuis (Poweltec)
11:45	**We D1 08 - Drilling Risk Migration Based on Borehole Failure Mechanism Analysis from Oil-base Mud Images: A Case Study from West of Shetland, North Sea -** S. Yang* (Schlumberger), C. Liu (Schlumberger), I. Le Nir (Schlumberger), T. Zhang (Schlumberger), R. Bloemenkamp (Schlumberger), L. Comparon (Schlumberger)	
	INTEGRATED ASSET DEVELOPMENT (EAGE/SPE) *M.J. Blunt (Imperial College London) & H. Jutila (Phoenix RDS Ltd)*	**REJUVENATING MATURE FIELDS (EAGE/SPE)** *F. Porturas (UNMSM) & C. Rodriguez (Repsol Sinopec Brasil)*
12:10	**Tu D1 09 - Integrated Geology, Geophysics and Reservoir Engineering Reservoir Modelling and History Match in a North African Oil field -** J. del Moral (CEPSA E&P), Y. Brenner (CEPSA E&P), F. Pacheco (CEPSA E&P), B. Abad (CEPSA E&P), M. del Olmo* (CEPSA E&P)	**Tu D2 09 - History of a Duolateral Well in the Mittelplate Oilfield Germany - From Plan to Perforation -** F.B. Bremer* (DEA Deutsche Erdöl AG)
12:30	**Tu D1 10 - Geostatistical History Matching - A Zonation-based Approach Using Direct Sequential Simulation -** E. Barrela* (Instituto Superior Técnico), L. Azevedo (Instituto Superior Técnico), V. Demyanov (Heriot-Watt University)	**Tu D2 10 - Value Creation from PRM on Snorre -** A. Stav* (Statoil ASA), V. Biran (Statoil ASA), L. Hovda (Statoil ASA)
12:50	**Tu D1 11 - Downscaling and Behavior of Amplitude of Pair Correlation Function -** R. Ravindranathan* (University of Houston), E.M. Chesnokov (University of Houston)	**Tu D2 11 - Value from Advanced Wells Completed with Inflow Control Devices (ICDs) in Water Flooding -** T. Loevenbruck (Heriot-Watt University), E. Nikjoo* (Heriot-Watt University), M. Haghighat Sefat (Heriot-Watt University)
13:10	**Tu D1 12 - Full Field Characterization Discipline for Modelling of Gas Condensate Reservoirs -** S. Dowlati* (University of Tehran)	**Tu D2 12 - Benefits of Repeated Reprocessing of Forties Field 4D Data -** P.S. Rowbotham* (Apache North Sea Limited), G.W. Byerley (Apache), L.A. Singer (Apache), D.J. Ralph (Apache), J.R. Pyle (Apache)

TUESDAY SESSION

Oral presentations Wednesday 14 June

	Room D1	Room D2
	UNCONVENTIONAL RESOURCES I (SPE) *C. Coll (Independent) & F. Porturas (Scanviz)*	**CO$_2$ (SPE)** *H. Jutila (Phoenix RDS Ltd) & T. Manai (Schlumberger)*
13:30	**We D1 09 - A Novel Injectivity and Permeability Log for Tight Reservoirs -** S. Manivannan (Ecole Polytechnique), A. Jacques (Total SA), B. Brouard (Brouard Consulting), P. Bérest (Ecole Polytechnique), J. Boutaud de la Combe (Total SA), V. Jaffrezic (Total SA), M. Fleury (IFPEN)	**We D2 09 - Feasibility Of Novel Techniques To Mitigate Or Remedy CO$_2$ Leakage -** F. Pizzocolo* (TNO - Applied Geosciences), E. Peters (TNO - Applied Geosciences), D. Loeve (TNO - Applied Geosciences), C. Hewson (TNO - Applied Geosciences), L. Wasch (TNO - Applied Geosciences), L. Brunner (TNO - Applied Geosciences)
13:55	**We D1 10 - Initiation of Stimulation Treatments Depends on Wellbore Mechanical Responses during Drilling -** K.M. Alruwaili (EXPEC-ARC), G.D. Couples* (Heriot-Watt University), J. Ma (Heriot-Watt University)	**We D2 10 - A Compositional Model for CO$_2$ Storage in Deformable Organic-rich Shales -** O.M. Olorode* (Texas A&M University), I. Akkutlu (Texas A&M University), Y. Efendiev (Texas A&M University)
14:20	**We D1 11 - An Analytical Approach to Determine the Degree of Interference between Multi-Fractured Horizontal Wells -** O.M. Molina* (Louisiana State University), M. Zeidouni (Louisiana State University)	**We D2 11 - CO$_2$ Storage and Enhanced Gas Recovery: Using Extended Black Oil Modelling to Simulate CO2 Injection on a North Sea Depleted Gas Field -** A. Iogna* (Perenco), J. Guillet-Lhermite (Perenco), C. Wood (Perenco UK), J. Deflandre (IFPEN)
14:45	**We D1 12 - 3D Modelling Of A Tight Naturally Fractured Reservoir In Algeria -** A. Gryaznov* (Baker Hughes), J. Paludan (Baker Hughes), M.S. Bizeray (Baker Hughes), A. El Menshawy (Baker Hughes), J. Balamaga (Baker Hughes), J. Embry (Baker Hughes), C. Burns (Baker Hughes), R.V. Fomin (Gazprom International), Y. Aleksakhin (Gazprom International)	**We D2 12 - Harmonic Pulse Testing for Well and Reservoir Characterizati -** P.A. Fokker (TNO), E. Salina Borello (Politecnico di Torino), F. Verga* (Politecnico di Torino), D. Viberti (Politecnico di Torino)
15:10	**Coffee break**	**Coffee break**
15:30	**We D1 13 - Methane Transport through Nanoporous Shale with Sub-irreducible Water Saturation -** J. Li* (China University of Petroleum (Beijing)), X. Li (China University of Petroleum (Beijing)), K. Wu (University of Calgary), Z. Chen (University of Calgary), K. Wang (University of Calgary), M. Zhong (The University of Hong Kong), Z. Bai (Powerchina Zhongnan Engineering Corporation Limited)	**We D2 13 - Accurate Reactive Transport Modelling in Heterogeneous Reservoirs with the Dual Mesh Method -** J. Bruyelle* (Terra 3E), P. Audigane (BRGM), D.R. Guerillot (Texas A&M University at Qatar)
15:55	**We D1 14 - An Enhanced Nonlinear Analytical Model for Unconventional Multifractured Systems -** O.M. Molina* (Louisiana State University), M. Zeidouni (Louisiana State University)	**We D2 14 - Optimization of CO$_2$ Sequestration in Aquifers under Geochemistry and Thermal Effects -** C. Temizel* (Aera Energy), R. Ranjith (University of Southern California), A. Suhag (University of Southern California), K. Balaji (University of Southern California), D. Thanon (Texas A&M University), O. Saracoglu(Consultant)
16:20	**We D1 15 - A New Practical Method for Predicting Equivalent Drainage Area of Well in Tight Gas Reservoirs -** O.F. Al-Fatlawi, M.M. Hossain*, A. Saeedi, Curtin University	**We D2 15 - Numerical Modelling of Mineral Dissolution of Carbonate Rocks during Geological CO$_2$ Sequestration Processes -** T. Yuan (University of Houston), Y. Ning (University of Houston), G. Qin* (University of Houston)
16:45	**We D1 16 - Capillary Pressure in Nanopores: Deviation from Young- Laplace Equation -** B. Li (Texas A&M University), K. Bui (Texas A&M University), I. Akkutlu* (Texas A&M University)	**We D2 16 - Optimising Brine Production for Pressure Management During CO$_2$ Sequestration in the Bunter Sandstone of the UK Southern North Sea -** W. Pongtepupathum*, Imperial College London; J.D. Williams, British Geological Survey; S. Krevor, S. Agada, Imperial College London; G.A. Williams, British Geological Survey
	INTEGRATED ASSET DEVELOPMENT (EAGE/SPE) *M.J. Blunt (Imperial College London) & H. Jutila (Phoenix RDS Ltd)*	**REJUVENATING MATURE FIELDS (EAGE/SPE)** *F. Porturas (UNMSM) & C. Rodriguez (Repsol Sinopec Brasil)*
17:10	**Tu D1 13 - Utilization of Monitoring, Inspection, and Evaluation Technology in Safeguarding Pipe Integrity for Coiled Tubing Drilling Operations -** Z. Liu, K. Wiranata* (Schlumberger), A. Ridene (Schlumberger), H. Wortmann (Schlumberger), R. Bucher (Schlumberger), G. Campbell (Schlumberger), S. Bulloch (Schlumberger), Y. Chaari (Schlumberger)	**Tu D2 13 - Channel Fracturing Technology: A Paradigm Shift in Stimulation of Tight Reservoir and Unlock Production Potential -** M. Salah* (Khalda Petroleum), M. El-Sebaee (Schlumberger), T. Batmaz (Schlumberger)
17:30	**Tu D1 14 - Numerical Assessment of Biogenic Souring and Its Inhibition in a MEOR Field Pilot -** H. Alkan* (Wintershall Holding GmbH), F. Kögler (Wintershall Holding GmbH), N. Dopffel (BASF SE)	**Tu D2 14 - A Case History - A New Stimulation Technique Enables Sustained Production Enhancement in Mature Lenticular Reservoir -** L. Precupanu (OMV Petrom SA), A. Mocanu*, J. Abbott (Schlumberger), A. Dragomir (OMV Petrom SA), N.I. Sarbu (Schlumberger), C.I. Calin (OMV Petrom SA)
17:50	**Tu D1 15 - Managing Change through 'Center Of Excellence' Implementation for the Upstream Oil Sector in Kuwait -** N.K. Al-Zeabot* (Kuwait Oil Company), A.Y. Al-Kandari (Kuwait Oil Company)	**Tu D2 15 - Re-Development of an Onshore Mature Oil Field to Double Gross Production by the use of Sensor-Equipped Electrical Submersible Pumps -** I. Giden* (OMV Austria E&P GmbH), B. Kometer (OMV Austria E&P GmbH), P. Buerssner (OMV Austria E&P GmbH), L. Lobianco (Schlumberger)
18:10	**Tu D1 16 - Non-intrusive Measurement of Sand Production in Boyhai Bay Using Vibration Sensor MethodK -** G. Wang (China University of Petroleum), Liu* (China University of Petroleum), J. Zhang (China University of Petroleum), J. Du (China University of Petroleum)	**Tu D2 16 - Integrated Water Injection Analysis for a Giant Brown Field -** A. Ortega* (Eni), S. Renna (Eni), G. Fanell (Eni)o, C. Callegaro (Eni), I. Bergamo (Eni), O. Yehia (Petrobel)

TUESDAY SESSION

Oral presentations Wednesday 14 June

Note: the abstract number indicates the specific day, location and order of the session (day – location – order).

Room D3

CO$_2$ CAPTURE & STORAGE - SCREENING, MONITORING AND INTEGRITY
B. Dupuy (SINTEF Petroleum Research) & V. Padritge (SINTEF Petroleum Research)

8:30	**We D3 01 - Analysis of Subtle Structures Using Different 3D Survey Geometries - CO2CRC Otway Project Case Study -** S. Ziramov* (Curtin University), R. Pevzner (Curtin University), M. Urosevic (Curtin University)
8:55	**We D3 02 - Uncertainty Evaluation in Waveform-Based Imaging Methods - A Case Study at Sleipner -** P. Eliasson (SINTEF Petroleum Research), A. Romdhane* (SINTEF Petroleum Research)
9:20	**We D3 03 - Tuning and Partial Saturation Effects on Reflection Responses at Sleipner Field -** V. Torres* (NTNU and SINTEF Petroleum), B. Dupuy (SINTEF Petroleum), A. Stovas (Norwegian University of Science & Technology)
9:45	**We D3 04 - Time-lapse Seismic Data Inversion for CO$_2$ Sequestration CO2CRC Otway Project -** V. Shulakova* (CSIRO/CO2CRC), R. Pevzner (Curtin University/CO2CRC), S.M. Glubokovskikh (Curtin University/CO2CRC), D. Popik (Curtin University/CO2CRC), K.V. Tertyshnikov (Curtin University/CO2CRC)
10:10	**Coffee break**
10:30	**We D3 05 - 4D Seismic History Matching of Sleipner Storage CO$_2$ Site -** N. Abbasi* (Clausthal University of Technology), K. Geel (TNO)
10:55	**We D3 06 - The Importance of Integrated Screening and Assessments for Future Potential CO$_2$ Storage Sites Identification -** A.W. Widyanita* (PETRONAS Research Sdn. Bhd.)
11:20	**We D3 07 - Well Logs Uncertainty in Unsupervised Caprock Integrity Classification -** I.A. Jimoh* (Schlumberger Danmark AS), W. Weinzierl (Schlumberger Danmark AS)
11:45	**We D3 08 - The Effect of Capillary Pressure on the CO$_2$ Storage at the Interface between Caprock and Storage Formation -** M. Farhat*, S.M. Shariatipour (Coventry University), A. Newell (British Geological Survey)

CONTRIBUTION OF WELL TEST ANALYSIS TO RESERVOIR CHARACTERIZATION
A.C. Gringarten (Imperial College London) & T. Lenaux

12:10	**Tu D3 09 - Reservoir Simulation Strategies Using Multipoint Statistics for Modelling of Fractured Reservoir Properties -** T. Chugunova* (Total), A.M. Kamp (Total), Kesmeacker,
12:30	**Tu D3 10 - Production Data Analysis Using Type Curves in Gas Condensate Reservoirs - Impact of Degree of Undersaturation -** C. Johnson (Heriot-Watt University), M. Jamiolahmady* (Heriot-Watt University)
12:50	**Tu D3 11 - Hybridization of Geostatistical Realizations Constrained by Well Test Data -** C. Ronot* (Total), J. Mersmann (Total), O. Duplantier (Total), E. Brechet (Total)
13:10	**Tu D3 12 - Integrating Pressure Transient Analysis into History Matching -** A. Shchipanov* (IRIS), L. Kollbotn (IRIS), R. Berenblyum (IRIS)

WELL PERFORMANCE OPTIMIZATION / HYDRAULIC FRACTURING
H. Jafarpour (St Petersburg State Mining Institute) & H. Amiri

13:30	**We D3 09 - Study of Hydraulic Fracture Influence on the Surrounding Rock Permeability -** M. Trimonova* (Institute of Geosphere Dynamics Russian Academy of Science (IDG RAS)), N. Baryshnikov (Institute of Geosphere Dynamics Russian Academy of Science (IDG RAS)), S. Turuntaev (Institute of Geosphere Dynamics Russian Academy of Science (IDG RAS)), E. Zenchenko (Institute of Geosphere Dynamics Russian Academy of Science (IDG RAS)), P. Zenchenko (Institute of Geosphere Dynamics Russian Academy of Science (IDG RAS))
13:55	**We D3 10 - Hydraulic Fracturing in Oil and Gas Resources and Its Risks and Hazards While Its Interacting with Natural Faults -** M. Bazargan* (Royal Holloway, University of London), A. Gudmundsson (Royal Holloway, University of London), P. Meredith (University College London)
14:20	**We D3 11 - Enhancing Stimulation with Innovative Diversion Technology in Saudi Arabian Gas Reservoirs -** Z. Rahim* (Saudi Aramco)
14:45	**We D3 12 - Modelling of the Displacement of Yield-stress Suspensions in a Hydraulic Fracture -** A.A. Osiptsov* (Skoltech), J. Desroches (Schlumberger), S.A. Boronin (Skoltech)
15:10	**Coffee break**
15:30	**We D3 13 - Multi-Stage Modelling of Wormhole Propagation in Carbonate Rocks Using in situ Gelled Acids -** B. Hosseinzadeh*, M. Bazargan (Sharif University of Technology), S. Ayatollahi (Sharif University of Technology), B. Rostami (University of Tehran)
15:55	**We D3 14 - Effect of Flow and Physical Parameters On the Mineral Deposition of Geothermal Wellbores - Wellborekit Development -** Y. Nusiaputra (Karlsruhe Institute of Technology), A.D. Dimier (European Institute for Energy Research), F.N. Nitschke (Karlsruhe Institute of Technology), E.G. Gaucher* (Karlsruhe Institute of Technology), T.K. Kohl (Karlsruhe Institute of Technology)
16:20	**We D3 15 - Water Hammer Versus Inter-layer Cross Flow - Impact on Injector Sanding -** P. Van den Hoek* (Shell International E&P BV)

CONTRIBUTION OF WELL TEST ANALYSIS TO RESERVOIR CHARACTERIZATION
A.C. Gringarten (Imperial College London) & T. Lenaux

17:10	**Tu D3 13 - The Analysis of Shale Gas Reservoir with Deconvolution Method -** J. Kim* (Hanyang University), H. Seomoon (Hanyang University), W. Sung (Hanyang University)
17:30	**Tu D3 14 - The Effect of Fracture Skin, Network Connectivity, and Network Size on Well-test Responses in Naturally Fractured Reservoirs -** D. Egya* (Heriot-Watt University), S. Geiger (Heriot-Watt University), P. Corbett (Heriot-Watt University), R. March (Heriot-Watt University)
17:50	**Tu D3 15 - Numerical Welltest Simulation to Evaluate Compressibility and Geological Models -** R. Smit* (Dana Petroleum)
18:10	**Tu D3 16 - Simulation and Interpretation of Well Tests in One of Iranian Gas-condensate Reservoirs to Investigate the Effect of Capillary Number on Well Productivity -** S. Salmani (Petroleum University of Technology), J. Deylami* (Petroleum University of Technology), B. Soltani (Petroleum University of Technology), M.R. Khosravi Nikou (Petroleum University of Technology)
18:30	**Tu D3 17 - Casing While Drilling - the State of the Art Method for Drilling Problematic Zones -** A. Aryanzadeh (Petroleum University of Technology), S. Mohammadi* (Amirkabir University of Technology)

TUESDAY SESSION

Note: technical programme version - 15 April 2017.

e-Poster presentations Wednesday 14 June

	e-Posters 1	e-Posters 2
	SEISMIC ATTENUATION - FROM LAB TO FIELD *G. Quiroga-Goode (Universidad Autonoma de Tamaulipas) &* *T. Blanchard (Total E&P UK Limited)*	**GAS AND WATER INJECTION - COMPOSITIONAL EFFECTS** *M. Cantoine & C. Barroux*
8:30	**We P1 01 - Experimental Measurement of Velocity Dispersion and Wave Attenuation at Seismic Frequency -** D.-H. Han (University of houston), J. Gao (Xi'an Jiaotong University), H. Li* (Xi'an Jiaotong university)	**We P2 01 - Efficiency and Recovery Mechanisms of Carbonated Water Injection in Heterogeneous Rocks -** M.S. Seyyedi* (Institute of Petroleum Engineering, Heriot-Watt University), M. Sohrabi (Institute of Petroleum Engineering, Heriot-Watt University)
8:55	**We P1 02 - The Forward Modelling Study of Seismic Attenuation Using Physical Model -** F. Gao* (China University of Petroleum (Beijing)), J.X. Wei (China University of Petroleum (Beijing)), B.R. Di (China University of Petroleum (Beijing)), G.Y. Tang (China University of Petroleum (Beijing)), P.B. Ding (China University of Petroleum (Beijing))	**We P2 02 - Coupling Heat and Mass Transfer at Interface for ES-SAGD with Multicomponent Solvent Injection -** H. Liu* (China University of Petroleum), L.S. Cheng (China University of Petroleum), P. Jia (University of Calgary)
9:20	**We P1 03 - Towards Developing a Robust Q-Extraction Method from Full-Waveform Acoustic Logs -** J. Liang* (China University of Petroleum (Beijing)), T.M. Müller (CSIRO Energy), G. Tang (China University of Petroleum (Beijing)), Q. Qi (National University of Signapore)	**We P2 03 - On the Revaporization of Retrograde Condensate by Gas Injection -** H.R. Nasriani* (University of Central Lancashire), M. Moradidowlatabad (Heriot-Watt University), A. Akbari Borazjani (University of Tehran), M. Nasriani (Islamic Azad University)
9:45	**We P1 04 - Formation Quality Factor Estimation Based on Energy Attenuation Characteristics -** Z.J. Wang* (CNOOC Research Institute), G.Y. Hu (CNOOC Research Institute), J.Y. Zhang (CNOOC Research Institute), N. Tian (CNOOC Research Institute), H.C. Dong (CNOOC Research Institute)	**We P2 04 - Modelling and Performance Evaluation of Gas Condensate Reservoirs - Inclusion of Porous Media Properties -** M. Moradi Dowlatabad* (Heriot-Watt University), H. Nasriani (University of Central Lancashire), F. Rashidi (Amirkabir University of Technology), M. Movahedi (University of Malaya)
10:10	Coffee break	Coffee break
10:30	**We P1 05 - Structurally Consistent Amplitude Q Compensation Using tau-px-py Inversion -** J. Cooper (CGG), G. Poole* (CGG)	**We P2 05 - Application of Molecular Kinetic Theory (MKT) in Wettability Alteration of Reservoir Rock to Gas Wetting Using Nanofluid -** H. Fazeli (University of Tehran), M. Aminnaji* (University of Tehran), A. Bahramian (University of Tehran)
10:55	**We P1 06 - Continuous Time-domain Q-estimation Using Surface Seismic Data - Theory and an Onshore Ukraine Case Study -** Y.K. Tyapkin* (Consultant), O.M. Shadura (Ukrainian State Geological Prospecting Institute)	**We P2 06 - Evaluation of Immiscible CO_2 Enhance Oil Recovery through the CGI, WAG, and GAGD Processes in South Rumaila Oil Field -** W.J. Al-Mudhafar (Louisiana State University), D.N. Rao (Louisiana State University), E.B. McCreery* (Lagniappe Onshore LLC))
11:20	**We P1 07 - Automated Determination of Attenuation from Microseismic Events -** M. Wcisło* (IRSM CAS, Faculty of Math. & Phys., Charles U.), L. Eisner (Seismik s.r.o.)	**We P2 07 - Sensitivity Analysis of Immiscible Forced Gravity Drainage Process in Heterogeneous Reservoirs -** M.M. Moshir Farahi* (Amirkabir University of Technology), A. Mamghaderi (Amirkabir University of Technology)
11:45	**We P1 08 - Q Factor- From VSP to Seismic Line -** J.L.O. Mari* (IFP Energies Nouvelles), B. Yven (Andra)	**We P2 08 - Study of Asphaltene Precipitation During CO_2 Injection to Oil Reservoirs in the Presence of Iron Oxide Nanoparticles by Interfacial Tension and Bond Number Measurements -** R. Parsaei (Shiraz University), Y. Kazemzadeh (Shiraz University), A.R. Kazemi Abadshapoori* (Shiraz University), M. Riazi (Shiraz University)
	AVO - TECHNOLOGIES A *H. Ozdemir (Reservoir Geophysics Consulting) & P. Haffinger (Delft Inversion)*	**SEISMIC RESERVOIR CHARACTERIZATION - STOCHASTIC METHODS** *T. Davis (Colorado School of Mines) & T. Cadoret (Total)*
12:10	**Tu P1 09 - PP-wave Avaz Responses From Anisotropic Viscoelastic Layer with Fluid-saturated Fractures -** N. Lu (Jilin University), C. Liu (Jilin University), Z.Q. Guo (Jilin University), X.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute), Y.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute), W. Fu* (Jilin University)	**Tu P2 09 - The Application of Broadband Ricker Wavelet in Thin Reservoir Description -** D.J. Hou* (CNOOC Ltd Tianjin Branch), D.H. Zhou (CNOOC Ltd Tianjin Branch), Z.J. Zhang (CNOOC Ltd Tianjin Branch), J. Guo (CNOOC Ltd Tianjin Branch)
12:30	**Tu P1 10 - Frequency-dependent Reflection Coefficient of Spherical Wave in Acoustic Medium -** B.P. Yan* (China University of Petroleum (Beijing)), S.X. Wang (China University of Petroleum (Beijing)), S.Y. Yuan (China University of Petroleum (Beijing)), Y.Z. Ji (China University of Petroleum (Beijing)), Y.H. Tao (China University of Petroleum (Beijing))	**Tu P2 10 - Bayesian Lithology/Fluid Prediction Base on Efficient Kernel Density Estimation -** H. Tang* (Institute of Geodesy & Geophysics), H.M. Gu (China University of Geosciences)
12:50	**Tu P1 11 - Nonlinear AVO Inversion Based on a Limited Memory Quasi-Newton Algorithm -** C. Li* (China University of Geosciences (Beijing)), X. Liu (China University of Geosciences (Beijing))	**Tu P2 11 - The Approach to Integration of Geostatistical Inversion and Spatial Facial Model Based on the Analysis of Variations of Seismic Data Correlation -** D.N. Myasoedov* (RN Shelf Arctic, LLC)
13:10	**Tu P1 12 - Anisotropic Inversion for the VTI Media Based on a Three-term AVO Equation -** T. Zhang* (China University of Petroleum (Beijing)), F. Zhang (China University of Petroleum (Beijing)), X.Y. Li (British Geological Survey)	**Tu P2 12 - A Stochastic Inversion Method Based On Multi-point Geostatistics -** X.Y. Liu* (China University of Petroleum (Beijing)), X.H. Chen (China University of Petroleum (Beijing)), J.Y. Li (China University of Petroleum (Beijing)), K.K. Guo (China University of Petroleum (Beijing)), L. Zhou (China University of Petroleum (Beijing)), C. Li (China University of Petroleum (Beijing))

TUESDAY SESSION

e-Poster presentations Wednesday 14 June

	e-Posters 1	**e-Posters 2**
	FWI B *A. Abubakar (Schlumberger) & R. Kamei (University of Western Australia)*	**ELECTROMAGNETICS A** *D. Andreis (RSI) & F. Ceci (WesternGeco)*
13:30	**We P1 09 - Centered Differential Waveform Inversion with Minimum Support Regularization -** V.V. Kazei* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We P2 09 - A Method of Moments Solution to the Conductive Steel Casing Problem - Theory, Validation and Model Studies -** C. Kohnke (Colorado School of Mines), L. Liu (Shell International Exploration and Production), R. Streich (Shell Global Solutions International), A. Swidinsky* (Colorado School of Mines)
13:55	**We P1 10 - Full Waveform Inversion with Envelope-based Global Correlation Norm - Application to Real OBC Data -** J.W. Oh* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We P2 10 - A Goal-oriented Adaptive Finite-element Algorithm for 3D Anisotropic MT Modelling -** X.Y. Cao (Jilin University), C. Yin* (Jilin University), B. Zhang (Jilin University), H. Xin (Jilin University), X. Ren (Jilin University), C. Qiu (Jilin University), J. Zhu (Jilin University), Y. Liu (Jilin University)
14:20	**We P1 11 - Multi-Scale Envelope Inversion Method Based on Scale Separation -** G.C. Wang* (China University of Petroleum (Beijing)), S.Y. Yuan (China University of Petroleum (Beijing)), S.X. Wang (China University of Petroleum (Beijing)), B.P. Yan (China University of Petroleum (Beijing)), C.M. Luo (China University of Petroleum (Beijing))	**We P2 11 - Advanced Method of FD Electromagnetic Modelling Based on Contraction Operator -** N. Yavich* (Moscow Institute of Physics & Technology), M.S. Malovichko (Moscow Institute of Physics & Technology), N. Khokhlov (Moscow Institute of Physics & Technology), M.S. Zhdanov (University of Utah, TechnoImaging, MIPT)
14:45	**We P1 12 - Full Waveform Inversion with Optical Flow -** W.D. Jeong* (Saudi Aramco), Y. Kim (Saudi Aramco), C. Tsingas (Saudi Aramco)	**We P2 12 - Wavelet-based Processing of AMT Data Exhibiting Atmospheric Waves Based on their Source Properties -** H. Larnier (EOST), P. Sailhac* (GEOPS Univ. P.-Sud Paris-Saclay), A. Chambodut (EOST)
15:10	**Coffee break**	**Coffee break**
15:30	**We P1 13 - Full Waveform Inversion Using an Automatic Directional Total Variation Constraint -** S. Qu* (Delft University of Technology, Delphi Consortium), D.J. Verschuur (Delft University of Technology, Delphi Consortium), Y. Chen (National Center for Computational Sciences, Oak Ridge National Laboratory)	**We P2 13 - The New Progress of TFEM Method for Hydrocarbon Detection -** Z.X. He* (BGP Inc.), G. Yu (BGP Inc.), Z.G. Wang (BGP Inc.), X.J. Liu (BGP Inc.), Z. Zhao (BGP Inc.)
15:55	**We P1 14 - Improved FWI Convergence Using Efficient Receiver-side Spatial Preconditioning Employing Ray Theory -** G. Yao* (Imperial College London), N. da Silva (Imperial College London), M. Warner (Imperial College London), A. Umpleby (Imperial College London), D. Wu (China University of Petroleum (Beijing))	**We P2 14 - Airborne and Land-based Controlled-source Electromagnetic Surveying in Challenging Electromagnetic Environments -** M. Darnet* (B.R.G.M.), C. Coppo (B.R.G.M.), P.A. Reninger (B.R.G.M.), P. Wawrzyniak (B.R.G.M.), B. Bourgeois (B.R.G.M.), J.F. Girard (EOST)
16:20	**We P1 15 - Full Waveform Inversion Using Nonlinearly Smoothed Wavefields -** Y. Li* (China University of Petroleum (East China)), Y. Choi (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology), Z. Li (China University of Petroleum (East China))	**We P2 15 - Electromagnetic Response Prediction for Conductive, Permeable, Heterogeneous Steel-cased Wells -** V. Puzyrev* (Curtin University), C. Torres-Verdín (University of Texas at Austin), V. Calo (Curtin University)
16:45	**We P1 16 - Full Waveform Inversion Using An Energy-Based Objective Function with Efficient Calculation of the Gradient -** Y. Choi* (King Abdullah University of Science & Technology), T. Alkhalifah (King Abdullah University of Science & Technology)	**We P2 16 - Sharp CSEM Inversion by Means of Geological Structural Constraints -** F. Chiappa (ARESYS srl), V. Vandone* (ARESYS srl), P. Dell'Aversana (Eni S.p.A.), G. Bernasconi (Politecnico di Milano)
	AVO - TECHNOLOGIES A *H. Ozdemir (Reservoir Geophysics Consulting) & P. Haffinger (Delft Inversion)*	**SEISMIC RESERVOIR CHARACTERIZATION - STOCHASTIC METHODS** *T. Davis (Colorado School of Mines) & T. Cadoret (Total)*
17:10	**Tu P1 13 - Seismic Inversion Combining Kriging Interpolation and Multiple-point Geostatistics -** B. Yu* (China University of Petroleum (Beijing)), H. Zhou (China University of Petroleum (Beijing)), N. Wang (China University of Petroleum (Beijing)), H.M. Wang (China University of Petroleum (Beijing)), H.Y. Wang (China University of Petroleum (Beijing)), L.Q. Wang (China University of Petroleum (Beijing))	**Tu P2 13 - Integrating Local Uncertainty in Geostatistical Seismic Inversion -** J. Narciso* (CERENA/Instituto Superior Técnico), L. Azevedo (CERENA/Instituto Superior Técnico), R. Nunes (CERENA/Instituto Superior Técnico), A. Soares (CERENA/Instituto Superior Técnico), L. Guerreiro (Partex Oil & Gas)
17:30	**Tu P1 14 - Recognition of Fluid Properties of Thin Sand-shale Interbedded Reservoirs Using Rock Physics-based Frequency-dependent AVO Analysis -** S.J. Li (China University of Petroleum (Beijing)), F. Yu* (China University of Petroleum (Beijing)), X.L. Zhang (China University of Petroleum (Beijing))	**Tu P2 14 - Mapping of a Reservoir Sand Based on Multiple Deterministic Seismic Inversions and Neural Network -** B. Wang (Independent), L. Schulte* (Schlumberger Information Solutions)
17:50	**Tu P1 15 - Optimizing Processing of Pre-stack Gathers and Its Application in AVO Analysis -** L. Tian (China National Offshore Oil Corporation (CNOOC) Ltd Tian Jin Branch), J. Yan* (Chengdu University of Technology), Y. Li (Chengdu University of Technology)	**Tu P2 15 - Estimation of Reservoir Parameters Constrained by Lithofacies and Weight Factors -** J.Y. Gui (Northwest Branch of RIPED, Petrochina), J.H. Gao (Northwest Branch of RIPED, Petrochina), Q.Y. Chen (Northwest Branch of RIPED, Petrochina), S.J. Li (Northwest Branch of RIPED, Petrochina), B.Y. Liu (Northwest Branch of RIPED, Petrochina), X. Guo* (Petrichina)
18:10	**Tu P1 16 - Pre-stack Bayesian Cascade AVA Inversion in Complex Laplace Domain for Broadband Data -** K. Li* (China University of Petroleum), X.Y. Yin (China University of Petroleum), Z.Y. Zong (China University of Petroleum)	**Tu P2 16 - Extracting Absorption Coefficient from Seismic Data for Thin-bed by Matching Pursuit -** W. Yingying* (School of Ocean and Earth Science,Tongji University), L. Jiangping (Institute of Geophysics and Geomatics, China University of Geoscience), G. Jianhua (School of Ocean and Earth Science,Tongji University)
18:30	**Tu P1 17 - Delineating Structures Controlling Gold-bearing Horizons Using 3D Broadband Reflection Seismic Data - A Case Study from the Witwatersrand Basin (South Africa) -** M.S.D. Manzi* (University of the Witwatersrand), R.J. Durrheim (University of the Witwatersrand), S.J. Webb (University of the Witwatersrand), F. Moinet (CGG)	

TUESDAY SESSION

e-Poster presentations Wednesday 14 June

	e-Posters 3	**e-Posters 4**
	VELOCITY MODEL ESTIMATION - THEORY A *P. Guillaume (CGG) & L. Casasanta (CGG)*	**SUSTAINABLE DEVELOPMENT** *P. Hanssen (Statoil ASA) & M. Pathak (University of Utah)*
8:30	**We P3 01 - First Break Tomography with TV Regularization and Structural Constraints -** S. Mandelli* (DEIB, Politecnico di Milano), V. Lipari (DEIB, Politecnico di Milano), C. Fortini (Eni S.p.A. Upstream and Technical Services), S. Tubaro (DEIB, Politecnico di Milano)	**We P4 01 - Integrated Use of Subsurface and CO_2 for Enhanced Recovery of Resources - Way to Sustainable Development and Synergy with Renewable Energy -** A. Shogenova* (Tallinn University of Technology), K. Shogenov (Tallinn University of Technology)
8:55	**We P3 02 - Stereotomography in Triangulated Models -** K. Yang* (Tongji University), W. Shao (Tongji University), K. Xiong (Tongji University), F. Xing (Tongji University)	**We P4 02 - Tangential Inlet Supersonic Separator - A Great Opportunity for the Sustainable Development of Natural Gas Industry -** Y. Yang* (Changzhou University), C. Wen (Changzhou University)
9:20	**We P3 03 - 2D Qp-wave Anisotropic Stereotomography in Triangulated Model -** J.X. Zhou* (Tongji University), K. Yang (Tongji University), W.D. Shao (Tongji University), K. Xiong (Tongji University)	**We P4 03 - Study on the X-Ray Source Based Density Logging and its Appication -** Y.F. Li* (China University of Petroleum (East China)), F. Zhang (China University of Petroleum), H. Wu (China University of Petroleum), Q.Y. Zhang (China University of Petroleum)
9:45	**We P3 04 - Automatic Shear-wave Velocity Analysis with Elastic Reverse Time Migration -** C.L. Wang* (Tongji University), W. Weibull (University of Stavanger), J.B. Cheng (Tongji University), B. Arntsen (Norwegian University of Science & Technology)	**We P4 04 - Risk Assessment of Landslide Hazards in the Ukrainian Carpathians -** O.M. Ivanik* (Taras Shevchenko National University of Kyiv), V.V. Shevchuk (Taras Shevchenko National University of Kyiv), D.V. Kravchenko (Taras Shevchenko National University of Kyiv)
10:10	Coffee break	Coffee break
		BUILDING AND UPDATING SUBSURFACE 3D MODELS A *G. Jackson (Weatherford International) & T. Manai (Schlumberger)*
10:30	**We P3 05 - An Alternative True-amplitude Common-shot Reverse Time Migration -** Y. Li* (MINES ParisTech, PSL Research University), H. Chauris (MINES ParisTech, PSL Research University)	**We P4 05 - Reservoir Characterization of Tight Gas Sand - Integration of Lithofacies and Petrophysical Properties, Subsurface, Saudi Arabia -** A. Alqubalee* (King Fahd University of Petroleum & Minerals), O. Abdullatif (King Fahd University of Petroleum & Minerals), L. Babalola (King Fahd University of Petroleum & Minerals), M. Makkawi (King Fahd University of Petroleum & Minerals)
10:55	**We P3 06 - Low-frequency Compensation and Long-wavelength Velocity Inversion Using Sparse Bayesian Learning -** L. Deng* (China University of Petroleum (Beijing)), S.Y. Yuan (China University of Petroleum (Beijing)), Y.Y. Ma (Oil and Gas Survey, China Geological Survey), Y.Z. Ji (China University of Petroleum (Beijing)), B.P. Yuan (China University of Petroleum (Beijing)), M. Ma (China University of Petroleum (Beijing))	**We P4 06 - Building a 3D Dynamic Model for an Exploration Field following the RIM Process -** R. Anton (Repsol), R. Anton* (Repsol)
11:20	**We P3 07 - Velocity Model Estimation Using Combination of Robust Tikhonov and Robust TV Regularizations -** L. Deng* (China University of Petroleum (Beijing)), S.Y. Yuan (China University of Petroleum (Beijing)), Y.Y. Ma (Oil and Gas Survey, China Geological Survey), Y.Z. Ji (China University of Petroleum (Beijing)), B.P. Yuan (China University of Petroleum (Beijing)), M. Ma (China University of Petroleum (Beijing))	**We P4 07 - Modelling of the Harma Quartzite Reservoir, Southern Periphery of the Hassi Messaoud Field, Saharan Platform, Algeria -** S. Benayad* (University of Boumerdes), Y.S. Yasbaa (University of Boumerdes), C.R. Chaouchi (University of Boumerdes)
11:45	**We P3 08 - Automatic Shear-wave Velocity Analysis with Elastic Reverse Time Migration -** C.L. Wang* (Tongji University), W. Weibull (University of Stavanger), J.B. Cheng (Tongji University), B. Arntsen (Norwegian University of Science & Technology)	**We P4 08 - Introduction of a New Hydrocarbon Based Chemical for Wettability Alteration of Reservoir Rocks to Gas Wetting Condition -** H.R. Erfani Gahrooei (Sharif University of Technology, Tehran), E. Joonaki (Heriot-Watt University, Institute of Petroleum Engineering (IPE)), M.H. Ghazanfari (Sharif University of Technology, Tehran), S. Ghanaatian* (Petroleum University of Technology (PUT), Ahwaz), A. Hassanpour Youzband (Heriot-Watt University, Institute of Petroleum Engineering (IPE))
TUESDAY SESSION	**ROCK PHYSICS B - CLASTIC AND SHALE ROCKS** *P.N.J. Rasolofosaon (IFP Energies Nouvelles) & Y.F. Zhou (University of Aberdeen)*	**NEW PATHS IN NOISE AND MULTIPLE ATTENUATION** *G. Poole (CGG) & A. Kumar*
12:10	**Tu P3 09 - The Effects of Kerogen On Rock Physics Properties of Tight Oil Reservoirs -** M. Lu* (Research Institute of Petroleum Exploration & Development, PetroChina), H. Cao (Research Institute of Petroleum Exploration & Development, PetroChina), X. Yan (Research Institute of Petroleum Exploration & Development, PetroChina), Z. Yang (Research Institute of Petroleum Exploration & Development, PetroChina), Z. Wang (RIPED, Xinjiang Oilfield Company)	**Tu P4 09 - Inversion-based F-x Domain Signal-preserving Random Noise Reduction Method -** W. Wang* (China University of Petroleum (Beijing)), G. Li (China University of Petroleum (Beijing)), H. Li (Research Center of Geophysical Technology, BGP, CNPC), Y. Ma (Oil and Gas Survey, China Geological Survey), Y. Zhao (China University of Petroleum (Beijing)), X. Yu (China University of Petroleum (Beijing))
12:30	**Tu P3 10 - Analysis of Brittleness Evaluation Methods in Tight Oil Rocks -** T. Yu (Hohai University), J. Ba* (Hohai University), H. Chen (Institute of Acoustics, Chinese Academy of Sciences), E. Wang (China University of Petroleum (Beijing)), W. Qian (Hohai University), W. Tan (Hohai University)	**Tu P4 10 - Denoising High-amplitude Cross-flow Noise Using Curvelet-based Stable Principle Component Pursuit -** R. Kumar* (University of British Columbia), N. Moldoveanu (WesternGeco), F.J. Herrmann (University of British Columbia)
12:50	**Tu P3 11 - Effects of Water Saturation On P-wave Anisotropy in the Mancos Shale at Seismic Frequencies -** V. Mikhaltsevitch* (Curtin University of Technology), M. Lebedev (Curtin University), B. Gurevich (Curtin University)	**Tu P4 11 - Synthesising Singly-scattered Waves (Primaries) from Multiply-scattered Data -** G.A. Meles* (University of Edinburgh), C. da Costa Filho (University of Edinburgh), A. Curtis (University of Edinburgh)
13:10	**Tu P3 12 - Effect of Strain-gage-scale Inhomogeneity on Measuring Young's Modulus At Low Frequency -** L. Zhao* (China University of Petroleum (Beijing)), G.Y. Tang (China University of Petroleum (Beijing)), C.H. Dong (China University of Petroleum (Beijing)), S.X. Wang (China University of Petroleum (Beijing))	**Tu P4 12 - An Improved Pseudomulti-channel Matching Method for Multiples Adaptive Subtraction -** Y.T. Wu* (Chang'An University), J.T. Wu (Tongji University)

Note: technical programme version - 15 April 2017.

e-Poster presentations Wednesday 14 June

	e-Posters 3	e-Posters 4
	SIMULTANEOUS SOURCES - SEPARATION METHODS *R. Siliqi (CGG) & E. Fromyr (Petroleum Geo-Services)*	**TIME LAPSE AND PRM A** *D. Rappin (Total) & D. Chalenski (Shell)*
13:30	**We P3 09 - Blended De-signature - A New Approach to Source Separation -** M. Maraschini (Shearwater GeoServices), S. Grion* (Shearwater GeoServices)	**We P4 09 - Grane PRM - From Acquisition to Interpretation in Record Time -** M. Berraki* (CGG), S. Buizard (CGG), J. Ramirez (CGG), R.M. Elde (Statoil ASA), S.S. Roy (Statoil ASA), D. Eckert (Statoil ASA), J.-F. Synnevåg (Statoil ASA)
13:55	**We P3 10 - The Roles of Sparseness and Robust Linear Algebra in Simultaneous-source Separation -** I. Moore* (Schlumberger), C.J. Beasley (WesternGeco), R.P. Fletcher (WesternGeco)	**We P4 10 - Estimation of Time and Spatial Shifts in 4D Seismic Surveys Using Mutual Information and Signal Envelope -** D. Donno (MINES ParisTech and University of Campinas), B. Pazetti (University of Campinas), A. Davolio (University of Campinas), D.J. Schiozer* (University of Campinas), J.M.T. Romano (University of Campinas)
14:20	**We P3 11 - Focal Deblending Using Smart Subsets of OBN 5D Data -** A. Kontakis* (Delft University of Technology), D.J. Verschuur (Delft University of Technology)	**We P4 11 - 4D Borehole Electric Tomography for Hydrocarbon Reservoir Monitoring -** P. Dell'Aversana* (Eni S.p.A.), R. Servodio (Eni S.p.A.), E. Rizzo (CNR-IMAA)
14:45	**We P3 12 - Flawless Diamond Reconstruction for Simultaneous Source Separation -** F. Andersson (Lund University), J.O.A. Robertsson* (Seismic Apparition), D.-J. van Manen (Seismic Apparition), J. Wittsten (Lund University), K. Eggenberger (Seismic Apparition), L. Amundsen (Statoil)	**We P4 12 - Full Waveform Inversion of Time-lapse Offset VSP Data - CO2CRC Otway Project Case Study -** A. Egorov* (Curtin University/Lomonosov Moscow State University/CO2CRC), R. Pevzner (Curtin University/CO2CRC), A. Bona (Curtin University/CO2CRC), B. Gurevich (Curtin University/CSIRO/CO2CRC), S.M. Glubokovskikh (Curtin University/CO2CRC), K.V. Tertyshnikov (Curtin University/CO2CRC), V. Puzyrev (Curtin University)
15:10	Coffee break	Coffee break
15:30	**We P3 13 - A Practical Method for Multi-source Deblending Using Spatio-temporal Compressive Sensing -** L. Duan (Petroleum Geo-Services), M. Bekara (Petroleum Geo-Services), R.H. Baardman (Petroleum Geo-Services), P. Lecocq (Petroleum Geo-Services), T. Nguyen* (Petroleum Geo-Services)	**We P4 13 - A Novel 4D Signal Injection and Noise Modelling Workflow - An Abu Dhabi Case Study -** M.P. Wingham* (BP), S. Fowler (BP), N. Philip (BP), S. Matthews (BP), M. McCormack (BP), M. Ibram (BP), R. Shimoju (ADMA-OPCO), M. Benson (ADMA-OPCO), W. Muhammad (ADMA-OPCO), A. Al Khameri (ADMA-OPCO)
15:55	**We P3 14 - Deblending Using Focal Transformation with a Greedy Inversion Solver -** J. Cao* (China University of Geosciences (Wuhan)), A. Kontakis (Delft University of Technology), D.J. Verschuur (Delft University of Technology), H. Gu (China University of Geosciences (Wuhan))	**We P4 14 - Model-guided Processing of Time-lapse Seismic for Real-time Monitoring of CO_2 Geosequestration - CO2CRC Otway Project Case Study -** D. Popik* (Curtin University), V. Shulakova (CSIRO), K.V. Tertyshnikov (Curtin University), S. Ziramov (Curtin University), M. Urosevic (Curtin University), R. Pevzner (Curtin University)
16:20	**We P3 15 - Separating Simultaneous Sources Using Phase Sequencing and Reconstruction in Marine Seismic Vibrators -** D.F. Halliday* (Schlumberger Gould Research), R.M. Laws (Schlumberger Gould Research), A. Özbek (Schlumberger Gould Research), J.-F. Hopperstad (Schlumberger Gould Research)	**We P4 15 - Improved Time-lapse Data Repeatability with Randomized Sampling and Distributed Compressive Sensing -** F.J. Herrmann (University of British Columbia), F. Oghenekohwo* (University of British Columbia)
16:45	**We P3 16 - Analytic Dealiasing in Seismic Apparition -** F. Andersson* (Lund University), D.-J. van Manen (Seismic Apparition), J.O.A. Robertsson (Seismic Apparition), J. Wittsten (Lund University), K. Eggenberger (Seismic Apparition)	
	ROCK PHYSICS B - CLASTIC AND SHALE ROCKS *P.N.J. Rasolofosaon (IFP Energies Nouvelles) & Y.F. Zhou (University of Aberdeen)*	**NEW PATHS IN NOISE AND MULTIPLE ATTENUATION** *G. Poole (CGG) & A. Kumar*
17:10	**Tu P3 13 - Potential Amplitude Pitfalls in Shallow Reservoirs with Complex Burial History - An Example From Hoop, Barents Sea -** R. Tømmerbakke* (University of Bergen), T.A. Johansen (University of Bergen), N.E. Bakke (University of Bergen, Lundin Petroleum)	**Tu P4 13 - Micro-seismic Signal Recognition Based on the Local Projection Method -** H.J. Meng* (China University of Petroleum (Beijing)), S. Chen (China University of Petroleum (Beijing)), X.Y. Li (British Geological Survey)
17:30	**Tu P3 14 - Rock Physics Inversion with Integration of Xu-white Model and Trust Region Method for Nonlinear Least Square -** B. Wu* (Kerogen Energy Services LLC), T. Lin (Kerogen Energy Services LLC), L. Chen (Kerogen Energy Services LLC)	**Tu P4 14 - Multidomain Denoise - A Robust and Efficient Method of Suppressing Incoherent Noise -** H. Masoomzadeh* (TGS), N. Ratnett (TGS), T. Travis (TGS), A. Salem (TGS)
17:50	**Tu P3 15 - Estimation of Unconsolidated Sand Porosity from Texture Parameters -** X. Han (China University of Petroleum (East China)), D. Xu* (China University of Petroleum (East China)), J. Guo (China University of Petroleum (East China)), J. Nie (China University of Petroleum (East China))	**Tu P4 15 - Enhancement of Microseismic Events Using Tensor Decomposition and Time-frequency Representation -** N. Iqbal* (King Fahd University of Petroleum & Minerals), E. Liu (Georgia Institute of Technology), J.H. McClellan (Georgia Institute of Technology), A. Al-Shuhail (King Fahd University of Petroleum & Minerals), S.I. Kaka (King Fahd University of Petroleum & Minerals), A. Zerguine (King Fahd University of Petroleum & Minerals)
18:10	**Tu P3 16 - Joint Stochastic Inversion of Elastic-electrical Data for Reservoir Parameters of Gas Hydrate Bearing Sediment -** H.J. Pan* (Research Institute of Petroleum Exploration & Development), Y. Zhang (Research Institute of Petroleum Exploration & Development), A. Swidinsky (Colorado School of Mines), H.B. Li (Research Institute of Petroleum Exploration & Development)	**Tu P4 16 - Noise Whitening of Seismic Data -** C.E. Birnie* (University of Leeds), K. Chambers (Nanometrics), D. Angus (University of Leeds [now at ESG Solutions, Canada])
18:30		**Tu P4 17 - Random Noise Attenuation Using Variable Q-factor Wavelet Transform -** M. Irani Mehr, M.M. Abedi* (University of Tehran)

TUESDAY SESSION

Note: technical programme version - 15 April 2017.

e-Poster presentations Wednesday 14 June

	e-Posters 5	e-Posters 6
	PETROPHYSICS - ANALYSIS AND APPLICATION A *C. Shrivastava (Schlumberger Middle East S.A.) &* *N. Schleifer (Wintershall Holding GmbH)*	**SEISMIC ANISOTROPY IN FRACTURED RESERVOIRS - THE ANISOTROPIC SIGNATURES** *M. Beller (Wintershall Noordzee BV) & J. Gaiser*
8:30	**We P5 01 - Impact of Fractures On Permeability of the Vosges Sandstone -** P. Baud* (University of Strasbourg (EOST)), L. Griffiths (University of Strasbourg (EOST)), M.J. Heap (University of Strasbourg (EOST)), A. Kushnir (University of Strasbourg (EOST))	**We P6 01 - Automated Software for Elastic Anisotropy Research -** A.S. Vyzhva* (SE NaukaNaftogaz)
8:55	**We P5 02 - Fractured Carbonate Reservoir Permeability Estimation by Microresistivity Imaging Logging -** W. Yan (China University of Petroleum (East China)), J. Sun (China University of Petroleum (East China)), K. Liu* (China University of Petroleum (East China)), L. Cui (China University of Petroleum (East China)), H. Dong (China University of Petroleum (East China))	**We P6 02 - Seismic Critical Reflection Analysis - Constraining Thomsen Anisotropy Parameters in the -p Domain -** M.A.A.M. Jelani* (University of Leeds/Universiti Malaysia Terengganu), D.A. Angus (ESG Solutions/University of Leeds/Universiti Malaysia Terengganu), A.D. Booth (Institute of Applied Geoscience, University of Leeds/Universiti Malaysia Terengganu)
9:20	**We P5 03 - Permeability Estimation Using a Fractal and Modified Kozeny-Carman Model -** V. Srivardhan (ONGC Videsh Limited), B.B. Singh* (Indian School of Mines), D. Mondal (CMPDI, Coal India Limited)	**We P6 03 - Normal Modes in Orthorhombic Media -** A. Stovas (Norwegian University of Science & Technology), Y. Ivanov* (Norwegian University of Science & Technology)
9:45	**We P5 04 - Monitoring Residual Oil Saturation Using Pulsed Neutron Gamma Logging and Resistivity Logging Technologies in CO_2 Injection Reservoirs -** Q. Zhang* (University of Petroleum (East China)), F. Zhang (China University of Petroleum), J.T. Liu (China University of Petroleum), H. Wu (China University of Petroleum)	**We P6 04 - Study On Qp-wave Elastic Impedance Characteristic in Fractured Equivalent TTI Media -** S. Zhang (China University of Petroleum), H. Huang (China University of Petroleum (Beijing)), Y.N. Luo* (China University of Petruleum (Beijing))
10:10	Coffee break	Coffee break
10:30	**We P5 05 - Application of Multi-scale Wavelet Transform Data Processing on High Resolution Density Logging -** F. Qiu* (China University of Petroleum), F. Zhang (China University of Petroleum), Q.Y. Zhang (China University of Petroleum), H. Wu (China University of Petroleum)	**We P6 05 - Using Difference of Fast- and Slow Shear Wave for Fractured Oil-water Discrimination -** C. Luo* (China University of Petroleum), X.Y. Li (British Geological Survey), F. Zhang (China University of Petroleum)
10:55	**We P5 06 - Bazhenov Formation Characterization with Rock Thermal Property Profiling Technique -** E.Y. Popov (Skolkovo Institute of Science and Technology), A.V. Gabova* (Skolkovo Institute of Science and Technology), E.M. Chekhonin (Skolkovo Institute of Science and Technology), R.A. Romushkevich (Skolkovo Institute of Science and Technology), E.G. Savelev (Skolkovo Institute of Science and Technology)	**We P6 06 - Nonhyperbolic Stretch-free NMO in Anisotropic Media -** M.M. Abedi* (University of Tehran), M.A. Riahi (University of Tehran)
11:20	**We P5 07 - Wettability from NMR Measurements and Its Mechanism -** J. Wang (China University of Petroleum (Beijing)), L. Sun* (China University of Petroleum (Beijing)), L. Xiao (China University of Petroleum (Beijing)), G. Liao (China University of Petroleum (Beijing)), Y. Zhang (China University of Petroleum (Beijing))	**We P6 07 - Plane-wave Least-squares Reverse Time Migration in Anisotropic Media Using Low-rank Finite Difference -** J.Q. Huang* (China University of Petroleum), C. Li (China University of Petroleum), Z.C. Li (China University of Petroleum)
11:45		**We P6 08 - Seismic and Rock Physical Characterization for Fractures in Shale Oil Reservoirs -** X. Deng (Jilin University), C. Liu (Jilin University), Z.Q. Guo (Jilin University), X.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute), Y.W. Liu (SinoPEC Petroleum Exploration and Production Research Institute), W. Fu* (Jilin University)
	SANDSTONE RESERVOIRS - SEDIMENTARY ARCHITECTURE AND DIAGENETIC CONTROLS A *M. Felder (PanTerra Geoconsultants B.V.) & M. Holz (Universidade Federal da Bahia)*	**KNOWLEDGE SHARING E-POSTERS - UNCONVENTIONAL RESOURCES (SPE)** *C. Coll (Independant Consultant) & F. Porturas (Scanviz)*
12:10	**Tu P5 09 - Sedimentary Characteristics and Evolution of Reservoir with Thin Interbeds of Paleogene Liushagang Formation in Beibuwan Basin, South China Sea -** L. Sun* (China University of Geosciences (Beijing)), X.H. Yu (China University of Geosciences (Beijing))	**Tu P6 09 - Using Least Square Support Vector Machines to Approximate Single Phase Flow -** H. Zhong* (University of Calgary), K. Wu (University of Calgary), D. Ji (University of Calgary), Z. Chen (University of Calgary)
12:30	**Tu P5 10 - Definition of Depositional Environment of Productive Series Based on Well Logging Data -** L. Shikhova* (Oil&Gas Institute of ANAS)	**Tu P6 10 - Development of a Parallel Simulator Utilizing Multiple Interacting Continua and Embedded discrete Fracture Models in Fractured Unconventional Reservoirs -** K. Wang* (University of Calgary), H. Liu (University of Calgary), J. Luo (University of Calgary), Z. Chen (University of Calgary)
12:50	**Tu P5 11 - Diagenesis and Its Influence on Sandstone Reservoir Quality - A Case From Upper Urho Formation in Jinlong Area, Junggar Basin, China -** X. Shan* (PetroChina Hangzhou Research Institute of Geology), Y. Xu (PetroChina Hangzhou Research Institute of Geology), H. Guo (PetroChina Hangzhou Research Institute of Geology)	**Tu P6 11 - Modelling of CO_2 Flooding and Huff and Puff Considering Molecular Diffusion and Stress-Dependent Deformation in Tight Oil Reservoir -** T.H. Kim* (Hanyang University), J. Cho (Hanyang University), K.S. Lee (Hanyang University)
13:10	**Tu P5 12 - Seismo-sedimentological Characterization of Pannonian Basin Late Miocene Succession (Vojvodina, Northern Serbia) -** A.V. Vranjkovic* (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), I. Dulic (Science and Technology Center, NIS, Gazprom Neft, Novi Sad), T.V. Olneva (Science and Technology Center, Gasprom Neft, St. Petersburg), A. Rodionov (NIS, Gasprom Neft, Novi Sad), O. Popov (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), S. Marjanovic (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), J. Sovilj (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), P. Cvijic (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), M. Pađen (Science and Technology Center, NIS, Gasprom Neft, Novi Sad), M. Galambos (Science and Technology Center, NIS, Gasprom Neft, Novi Sad)	

TUESDAY SESSION

Note: technical programme version - 15 April 2017.

e-Poster presentations Wednesday 14 June

	e-Posters 5	e-Posters 6
	BROADBAND ACQUISITION AND PROCESSING A *S. Grion (Shearwater GeoServices) & F. Dewey (Wintershall Global Support BV)*	**NEAR SURFACE - SEISMIC, MINING** *A. Lovatini (Schlumberger Italiana S.P.A.) & M. Hall (Agile)*
13:30	**We P5 09 - Broadband Imaging with Different Water Depth Seismic Data -** W.B. Sun* (CNOOC Research Institute), J.M. Zhang (CNOOC Research Institute), Z.Y. Zhu (CNOOC Research Institute), B. Weng (CNOOC Research Institute), Y.D. Wang (CNOOC Research Institute), L.Q. Zhang (CNOOC Research Institute)	**We P6 09 - Multi-component 3D Elastic Full Waveform Inversion Using Surface and Body Waves for Detecting Near Surface Anomalies -** D. Borisov* (Princeton University), J. Smith (Princeton University), J. Tromp (Princeton University), R. Miller (Kansas Geological Survey), S. Peterie (Kansas Geological Survey), H. Cudney (Army Engineer Research and Development Center), S. Sloan (Army Engineer Research and Development Center), M. Moran (Army Engineer Research and Development Center)
13:55	**We P5 10 - Low-frequency Expansion Based on Compressed Sensing -** Z.Q. Li* (China University of Petroleum (East China)), J.H. Zhang (China University of Petroleum (East China)), B.B. Zhang (China University of Petroleum (East China)), Q.F. Wang (China University of Petroleum (East China)), H.X. Liang (Geophysical Prospecting Research Institute of Shengli Oilfield, Dongying)	**We P6 10 - Two-grid Full Waveform Rayleigh Wave Inversion by Means of Genetic Algorithm with Frequency Marching -** Z. Xing* (University of Pisa), A. Mazzotti (University of Pisa)
14:20	**We P5 11 - Comparison of Methods for Rough Sea-surface Estimation -** R.H. Telling* (Shearwater Geoservices), S. Grion (Shearwater Geoservices)	**We P6 11 - Automatic Surface Wave Dispersion Curve Picking and Symbolic Calculation Inversion -** P. Xie* (Total), J.L. Boelle (Total), F. Khosro (Politecnico di Torino), I. Masoni (Total)
14:45	**We P5 12 - Deghosting and Its Effect on Noise -** J.-W. Vrolijk* (Delft University of Technology), G.J. Blacquière (Delft University of Technology)	**We P6 12 - Numerical and Experimental Analysis of the Effects of Underground Cavities on the Rayleigh Seismic Waves in the Frequency Domain - Ellipticity and Diffraction Pattern -** C. Filippi* (IFSSTAR, BRGM), D. Leparoux (IFSTTAR), G. Grandjean (BRGM), A. Bitri (BRGM)
15:10	**Coffee break**	**Coffee break**
15:30	**We P5 13 - Rough Sea Surface Reflection Coefficient Estimation and Its Implication On Hydrophone-only Pre-stack Deghosting -** E.G. Asgedom* (PGS), E. Cecconello (PGS/UIO), O.C. Orji (PGS), W. Söllner (PGS)	**We P6 13 - Seismic Measurements in Claystone and Limestone at Tournemire (France) -** M. Zillmer* (University of Strasbourg (EOST)), J.-M. Marthelot (University of Strasbourg (EOST))
15:55	**We P5 14 - Receiver Deghosting and Upgoing Wavefield Reconstruction with Multi-Component Streamer Data -** Z. Tang* (Shell Global Solutions International BV), X. Campman (Shell Global Solutions International), S. Tegtmeier-Last (Shell Global Solutions International)	**We P6 14 - Deep Targeting an Iron-oxide Ore Body Using a Seismic Landstreamer and a 500-kg Drop Hammer Source -** A. Malehmir* (Uppsala University), G. Maries (Uppsala University), E. Bäckström (Nordic Iron Ore), M. Schon (Nordic Iron Ore), P. Marsden (Nordic Iron Ore)
16:20	**We P5 15 - Broadband Acquisition and Processing of Variable Depth Streamer Data - A Case Study from Deep Water Offshore South China -** C. Liu* (CNOOC Research Institute), X. Guan (CNOOC Research Institute), B. Chen (CNOOC Research Institute), J.I.E. Tao (CNOOC Research Institute), S. Li (CNOOC Research Institute)	**We P6 15 - Application of Correlation Integral and Fractal Dimension in Longwall Mine Safety -** D. Mondal* (CMPDI, Coal India Limited), P.N.S. Roy (Indian School of Mines), P.K. Behera (Indian School of Mines)
16:45	**We P5 16 - Low-Frequency Phase Estimation for Broadband Seismic Using Tomography Velocity Models -** A. JafarGandomi (CGG), V. Souvannavong (CGG), H. Hoeber* (CGG)	**We P6 16 - Use of Tomography in Stressstrain Analysis of Coalrock Mass by Solving Boundary Inverse Problems -** L.A. Nazarova (ICEMR RAS), V.N. Zakharov (ICEMR RAS), V.L. Shkuratnik (ICEMR RAS), L.A. Nazarov (ICEMR RAS), M. Protasov* (ICEMR RAS), P.V. Nikolenko (ICEMR RAS)
	SANDSTONE RESERVOIRS - SEDIMENTARY ARCHITECTURE AND DIAGENETIC CONTROLS A *M. Felder (PanTerra Geoconsultants B.V.) & M. Holz (Universidade Federal da Bahia)*	**KNOWLEDGE SHARING EPOSTERS -EOR A (SPE)** *F. Verga (Politecnico di Torino) & T. Whittle (Independant)*
17:10	**Tu P5 13 - Reservoir Characterization and Origin of Ultra-deep Tight Sandstones in Kuqa Depression of Tarim Basin, NW China -** C.G. Ge* (Hangzhou Research Institute of Geology, PetroChina), Y.X.F. XiaoFang (Hangzhou Research Institute of Geology, PetroChina), Z.J.Q. JianQuan (China University of Petroleum)	**Tu P6 13 - Experimental Evaluation of Polymer Viscoelasticity during Flow in Porous Media: Elongational and Shear Analysis -** M. Tahir*, R.E. Hincapie, M. Be, L. Ganzer, Clausthal University of Technology - M. Tahir* (Clausthal University of Technology), R.E. Hincapie (Clausthal University of Technology), M. Be (Clausthal University of Technology), L. Ganzer (Clausthal University of Technology)
17:30	**Tu P5 14 - Confined to Sub-confined Synrift Lacustrine Axial Delta - Modern Environment Observation in Lake Singkarak, Sumatra -** E.H. Sihombing* (Universitas Gadjah Mada, Indonesia), I. Fardiansyah (Indonesian Association of Geologists (IAGI), Riau Chapter), R. Waren (Indonesian Association of Geologists (IAGI), Riau Chapter), E. Finaldhi (Indonesian Association of Geologists (IAGI), Riau Chapter)	**Tu P6 14 - Compaction and Dilation Effects on Polymer Flood Performance -** D. Wang* (University of North Dakota), R. Seright (New Mexico Tech), K. Moe Soe Let (Staatsolie Maatschappij Suriname N.V.), K. Bhoendie (Staatsolie Maatschappij Suriname N.V.), W.R. Paidin (Staatsolie Maatschappij Suriname N.V.)
17:50	**Tu P5 15 - Diagenesis of the Permian Ecca Group Sandstones and Mudstones in the Eastern Cape Province, South Africa - Implications -** C. Baiyegunhi (University of Fort Hare, South Africa), C. Baiyegunhi* (University of Fort Hare, South Africa)	**Tu P6 15 - Alkaline Surfactant Polymer Flooding: What Happens at the Pore Scale? -** Y. Alzahid* (The University of New South Wales), P. Mostaghimi (The University of New South Wales), M.E. Warkiani (The University of New South Wales), R.T. Armstrong (The University of New South Wales), V. Joekar-Niasar (The University of Manchester), N. Karadimitriou (The University of Manchester)
18:10	**Tu P5 16 - Deep Water Turbidite Facies and Architectural Elements in the Ruvuma Basin, East Africa -** Z.C. Xu* (PetroChina Hangzhou Research Institute of Geology), G.Z. Fan (PetroChina Hangzhou Research Institute of Geology), F.L. Lu (PetroChina Hangzhou Research Institute of Geology), Y.T. Lu (PetroChina Hangzhou Research Institute of Geology)	**Tu P6 16 - Next-generation Supramolecular Assemblies as Displacement Fluids in EOR -** C. Yegin (Texas A&M University), M. Zhang (Frontida Biopharm), A. Suhag (University of Southern California), R. Ranjith (University of Southern California), K. Balaji (University of Southern California), Z. Peksaglam (University of Southern California), D. Thanon (Texas A&M University), D.F. Putra (Rafflesia Energy), Z. Wijaya (HESS), O. Saracoglu (Consultant), C. Temizel* (Aera Energy)

TUESDAY SESSION

Note: the abstract number indicates the specific day, location and order of the session (day – location – order).

	e-Posters 7	e-Posters 8
	SEISMIC INTERPRETATION - NEW WORKFLOWS AND CASE STUDIES A *M. Huuse (University of Manchester) & C. Le Turdu (Schlumberger)*	**HYDRAULIC FRACTURING** *B. Lecampion (Ecole Polytechnique Federale de Lausanne) &* *R. Bachmann (Wintershall Noordzee BV)*
8:30	**We P7 01 - Pre-stack Seismic Inversion for Identification of Complex Thin Sandstone Interlayers - A Case Study -** D. Zhang* (Geophysical Research Institute of Shengli Oilfeild, Sinopec), J. Guo (China University of Petroleum (East China)), X. Han (China University of Petroleum (East China)), L. Liu (Geophysical Research Institute of Shengli Oilfeild, Sinopec)	**We P8 01 - Pulse Hydraulic Fracturing of a Rock Massif - The STIROMAS Project -** H.S. Semíková* (Watrad Ltd.), O. Vaněček (Watrad Ltd.), M. Vaněček (Watrad Ltd.), O. Krásný (SG Geotechnika corp.), P. Kučera (SG Geotechnika corp.), J. Vintera (SUBTERRA corp.), J. Pacovský (Czech Technical University in Prague)
8:55	**We P7 02 - Stratigraphic Traps in a Structurally Controlled Setting - The Neocomian of the Golfo San Jorge Basin, Argentina -** F.J. Pagán* (YPF), V. Martinez Cal (YPF), O. Catuneanu (University of Alberta)	**We P8 02 - Self-Diverting Emulsified Acid for Stimulation of Iranian Ab-Teymur Carbonate Reservoir -** H. Jafarpour* (Saint Petersburg Mining University), J. Moghadasi (Petroleum University of Technology), D.G. Petrakov (Saint Petersburg Mining University), V. Litvin (Saint Petersburg Mining University), P. Roshchin (Saint Petersburg Mining University), A. Kuznetsova (Saint Petersburg Mining University)
9:20	**We P7 03 - Residual Footprint Removal Using Gabor Filter -** C.T. Ang (PETRONAS Research Sdn. Bhd.), L.T. Pinero-Feliciangeli (PETRONAS Research Sdn. Bhd.), I. Salbiah* (Petronas Research Sdn Bhd)	**We P8 03 - A New Permeability-porosity Correlation for Granular Packs of Non-spherical Particles, from LBM Simulations and Lab Tests -** A.A. Osiptsov* (Skoltech)
9:45	**We P7 04 - Benefits of Analyzing Prestack Seismic Data Combined with Advanced Interpretation and Visualization Tools to Improve Seismic Reservoir Characterization of Highly Faulted Reservoirs -** C. Le Turdu* (Schlumberger), R. Ould Braham (Schlumberger)	**We P8 04 - An Effective Hybrid Model for Coupled Geomechanics and Flow in Fractured Media -** X. Yan* (China University of Petroleum (East China)), Z. Huang (China University of Petroleum (East China)), J. Yao (China University of Petroleum (East China)), Y. Li (Sinopec), D. Fan (China University of Petroleum (East China)), K. Zhang (China University of Petroleum (East China))
10:10	**Coffee break**	**Coffee break**
10:30		**We P8 05 - Candidate Well Selection for Hydraulic Fracturing Treatment - New Fracability Index Based on a Case Study in a Fractured Carbonate Reservoir in Iran -** H. Amiri* (Shahrood University of Technology), A. Ramezanzadeh (Shahrood University of Technology), M. Parhizgar (National Iranian Southern Oil Company (NISOC))
10:55	**We P7 06 - A Method of Reservoir Prediction Based on the Joint Application of MP and RGB -** Y.L. Liu* (China University of Petroleum), Z.C. Li (China University of Petroleum (East China)), G.Q. Yang (China University of Petroleum (East China)), W.J. Cao (China University of Petroleum (East China)), Q. Liu (China University of Petroleum (East China))	**We P8 06 - Fully Coupled Numerical Simulation of Altered-Stress Zones in Modified Zipper-Frac Completion Design -** B. Sobhaniaragh* (Federal University of Rio de Janeiro (UFRJ)), W.J. Mansur (Federal University of Rio de Janeiro (UFRJ)), F.C. Peters (Federal University of Rio de Janeiro (UFRJ))
11:20	**We P7 07 - Estimation of Structural Uncertainty Lateral Distribution -** A.A. Kurkin* (Novatek STC, TIU)	**We P8 07 - Connecting Hydraulic Fracture Deformation to Microseismicity -** A. Baig* (ESG Solutions), T.I. Urbancic (ESG Solutions), K. Bosman (ESG Solutions)
11:45	**We P7 08 - Transition Zone Concept and its Application for Seismic Interpretation of Shale Deposits -** A. Kwietniak* (AGH University of Science and Technology), T. Maćkowski (AGH University of Science and Technology), K. Dzwinel (Orlen Upstream)	**We P8 08 - Characterizing Moment Tensor Derived Discrete Fracture Networks Utilizing Topological Approaches -** T.I. Urbancic* (ESG Solutions), E.P. Ardakani (ESG Solutions), K. Bosman (ESG Solutions), A.M. Baig (ESG Solutions)
	BOREHOLE SEISMIC - NEW INSIGHTS FROM FIELD EXAMPLES *R. Pevzner (Curtin University of Technology) &* *F. Poletto (Nat. Inst. of Oceanography & Exp. Geophysics OGS)*	**SEISMIC MODELLING - ANISOTROPIC AND VISCOELASTIC A** *V. Lisitsa (Institute of Petroleum Geology & Geophysics SB RAS) &* *T.-J. Moser (Moser Geophysical Services)*
12:10	**Tu P7 09 - Arrival-time Picking and Slowness Estimate on Sonic Data -** B. Khadhraoui* (Schlumberger), H.M.T. Nguyen (Schlumberger), S. Kisra (Schlumberger)	**Tu P8 09 - Modelling Viscoelastic Waves Using Constant Fractional-order Spatial Derivatives -** N. Wang* (China University of Petroleum (Beijing)), H. Zhou (China University of Petroleum (Beijing)), H.M. Chen (China University of Petroleum (Beijing)), Y.F. Wang (China University of Petroleum (Beijing)), B. Yu (China University of Petroleum (Beijing)), Z. Zhou (China University of Petroleum (Beijing))
12:30	**Tu P7 10 - Anisotropic NMO Correction and Its Application to Attenuate Noise in VSP Data -** M. Lou* (Baker Hughes), H. Simpson (Baker Hughes)	**Tu P8 10 - Traveltime Computation Using a High-order Fast-sweeping-based Eikonal Solver for 3D Tilted TI Media -** A. Padhi (Halliburton), M.E. Willis* (Halliburton)
12:50	**Tu P7 11 - Accurate Formation Shear-wave Measurement While Drilling - Theoretical Modelling and Application to Field Data -** S. Xu* (China University of Petroleum), Y.D. Su (China University of Petroleum), C. Jiang (China University of Petroleum), X.M. Tang (China University of Petroleum)	**Tu P8 11 - Optimal Explicit and Implicit Rotated Staggered-grid Finite-d ifference Schemes for Seismic Modelling in Elastic TTI Media -** S.G. Xu* (China University of Petroleum (Beijing)), Y. Liu (China University of Petroleum (Beijing)), H. Xue (China University of Petroleum (Beijing))
13:10	**Tu P7 12 - Don't Forget Your Shear Waves -** J. Bailey* (VSProwess Ltd), M. Humphries (VSProwess Ltd)	**Tu P8 12 - Efficient and Accurate 3D TTI Eikonal Solver Based on Hybrid Schemes -** C. Barnes* (University of Cergy-Pontoise), M. Charara (Skolkovo Institute of Science and Technology), M. El Sanharawi (GIM-labs)

TUESDAY SESSION

Note: technical programme version - 15 April 2017.

	e-Posters 7	e-Posters 8
	SEISMIC SIGNAL PROCESSING B *D. Gupta (Gupta) & S. Fomel (University of Texas at Austin)*	**INNOVATIVE TECHNOLOGIES, ML AND DATA MANAGEMENT** *O. Zhebel & A. Smith (Luchelan Ltd)*
13:30	**We P7 09 - Towards the Full Potential of Multidimensional Stacking -** J. Walda* (University of Hamburg), I. Abakumov (University of Hamburg), D. Gajewski (University of Hamburg)	**We P8 09 - A Wavelet and Neural Network Based Approach towards Determination of Shale Volume Using Well Logs of Indian Coalfields -** D. Mondal* (CMPDI, Coal India Limited), V. Srivardhan (ONGC Videsh Limited), B.B. Singh (Indian School of Mines)
13:55	**We P7 10 - The Shifted Hyperbola in 3D -** I. Abakumov* (University of Hamburg), B. Schwarz (University of Oxford), D. Gajewski (University of Hamburg)	**We P8 10 - Comprehensive Finite Element Modelling Study On the Effects of Fatigue On Wellbore Cement to Enhance Environmental Assurance for Oil and Gas Wells -** A. Shadravan* (Texas A&M University), M.R. Alfi (Texas A&M University), M.R. Haghgouyan (Texas A&M University)
14:20	**We P7 11 - A New Strategy of Automatic First Break Picking for Large Land Surveys -** Z.W. Guo* (China University of Petroleum (Beijing)), S.Y. Cao (China University of Petroleum (Beijing)), Y.X. Li (China University of Petroleum (Beijing)), H.L. Chen (China University of Petroleum (Beijing)), J.H. Zhang (China University of Petroleum (Beijing))	**We P8 11 - Synthetic Analysis of Connectivities with Circos Graphs -** F.J. Pivot* (Total)
14:45	**We P7 12 - Automatic First Break Picking Based on CEEMD -** Z.W. Guo* (China University of Petroleum (Beijing)), S.Y. Cao (China University of Petroleum (Beijing)), H.L. Chen (China University of Petroleum (Beijing)), Y.X. Li (China University of Petroleum (Beijing)), J.H. Zhang (China University of Petroleum (Beijing))	**We P8 12 - A Flexible And Effective SEG Y Seismic Data Filing Standard Towards PSDM -** J. Wang* (Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina), X. Wang (Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina), J. Sun (Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina), W. Liu (Research Institute of Petroleum Exploration & Development-Northwest (NWGI), Petrochina)
15:10	Coffee break	Coffee break
	SEISMIC INTERPOLATION AND REGULARIZATION A *D. Gupta (Gupta) & S. Fomel (University of Texas at Austin)*	
15:30	**We P7 13 - 3D Prestack Data Enhancement with a Simplified CO CRS Operator -** Y. Xie* (Institute of Geophysics, University of Hamburg)	**We P8 13 - Standardized Automated Multiscale Imaging Technologies to Quantify Microstructure and Petrophysical Properties in a Range of Rock Types -** J. Schmatz (MaP - Microstructure and Pores GmbH), J. Klaver* (MaP - Microstructure and Pores GmbH), S. Virgo (RWTH Aachen University), M. Jiang (MaP - Microstructure and Pores GmbH), C. von Hagke (RWTH Aachen University), G. Desbois (RWTH Aachen University), J.L. Urai (RWTH Aachen University)
15:55	**We P7 14 - Robust Reconstruction of Seismic Data with Random and Erratic Noise -** Q. Zhao* (China University of Petroleum), Q.Z. Du (China University of Petroleum)	**We P8 14 - Operating Digital Oil Fields -** L.D. Sandjivy*
16:20	**We P7 15 - Pre-Stack 5D Seismic Data Reconstruction Based on a Fast Uncoiled Randomized QR Decomposition Method -** J.J. Gao* (China University of Geosciences (Beijing), China University of Petroleum (Beijing)), S. Wang (China University of Geosciences (Beijing))	**We P8 15 - A New, Simple, Low-cost, Portable Vibroseis for Research and Near-surface Surveys -** T. Dean (Curtin University), N. Nguyen (Curtin University), A. Kepic (Curtin University)
16:45	**We P7 16 - A Model Based Data Driven Dictionary Learning for Seismic Data Representation -** C.E. Yarman* (Schlumberger-WesternGeco), R. Kumar (University of British Columbia), J. Rickett (Schlumberger)	**We P8 16 - Seismic Data Processing Archiving in the Presence of Massive Data Volumes - Part I - Efficient Quality Control -** W.M. Liu (NWGI, PetroChina), S.H. Hu* (NWGI, PetroChina), X.W. Wang (NWGI, PetroChina), W.Q. Liu (NWGI, PetroChina), J.Q. Sun (NWGI, PetroChina), J. Wang (NWGI, PetroChina), Y. Ling (NWGI, PetroChina)
	BOREHOLE SEISMIC - NEW INSIGHTS FROM FIELD EXAMPLES *R. Pevzner (Curtin University of Technology) &* *F. Poletto (Nat. Inst. of Oceanography & Exp. Geophysics OGS)*	**SEISMIC MODELLING - ANISOTROPIC AND VISCOELASTIC A** *V. Lisitsa (Institute of Petroleum Geology & Geophysics SB RAS) &* *T.-J. Moser (Moser Geophysical Services)*
17:10	**Tu P7 13 - Offset VSP for Monitoring of the Injection of Small Quantities of CO_2 - CO2CRC Otway Case Study -** K.V. Tertyshnikov* (Curtin University/CO2CRC), R. Pevzner (Curtin University/CO2CRC), M. Urosevic (Curtin University/CO2CRC), A. Greenwood (University of Lausanne), D. Popik (Curtin University/CO2CRC)	**Tu P8 13 - Direct Geometrical Spreading Approximations in Anisotropic Media -** S. Xu* (Norwegian University of Science & Technology), A. Stovas (Norwegian University of Science & Technology)
17:30	**Tu P7 14 - Testing Vertical Seismic Profiling (VSP) as a Subsurface Mapping Method at the Krafla Volcanic Geothermal Field in Iceland -** F. Reiser* (Institute of Geophysics, ETH Zurich), C. Schmelzbach (Institute of Geophysics, ETH Zurich), H. Maurer (Institute of Geophysics, ETH Zurich), S. Greenhalgh (King Fahd University of Petroleum & Minerals), S. Planke (Volcanic Basin Petroleum Research AS (VBPR)), G.P. Hersir (ISOR, Iceland), S. Halldórsdóttir (ISOR, Iceland), R. Giese (GFZ, Potsdam, Germany), F. Kästner (ISOR, Iceland)	**Tu P8 14 - A New Stable Eikonal Equation for Vertical Transversely Isotropic Wave Propagation -** P.P. Moghaddam* (Ferdowsi University of Mashad), R. Khajavi (Ferdowsi University of Mashad)
17:50	**Tu P7 15 - Imaging Beneath Shallow Gas Using DAS 3DVSP within Active Dual String Producing Wells -** M.F. Abdul Rahim (PETRONAS Research Sdn. Bhd.), R.J.J. Hardy (PETRONAS), L.M. Bourdon (PETRONAS), J. Andres Chavarria (OptaSense), A.R. Ghazali (PETRONAS), M.D.D. Muhammed (PETRONAS), B. Price (OptaSense), T. Morrish (OptaSense), M.T. Amirrudin (Eni Integrated Works), S. Sahad* (Petronas)	**Tu P8 15 - Normal Moveout Series Coefficients for Pure-mode and Converted Waves in Horizontally-layered Triclinic Media -** Z. Koren (Paradigm Geophysical), I. Ravve* (Paradigm Geophysical)
18:10	**Tu P7 16 - A Comparison of DAS and Geophones for VSP Acquisition at a Dedicated Field Laboratory -** J.C. Correa*, T. Dean (Curtin University), L. Van Zaanen (Curtin University), K.V. Tertyshnikov (Curtin University), R. Pevzner (Curtin University), A. Bona (Curtin University)	**Tu P8 16 - Modelling of High Accuracy Pure Acoustic Wave Equations in Transversely Isotropic Media Using Optimized Pseudo-analytical Method -** S.G. Xu* (China University of Petroleum (Beijing)), Y. Liu (China University of Petroleum (Beijing)), H. Xue (China University of Petroleum (Beijing))
18:30		**Tu P8 17 - Quantification of the Electrical Anisotropy in the Process of Numerical Modelling -** S. Gernez* (Institut National de la Recherche Scientifique), A. Bouchedda (Institut National de la Recherche Scientifique), E. Gloaguen (Institut National de la Recherche Scientifique), D. Paradis (Geological Survey of Canada, Institut National de la Recherche Scientifique), B. Giroux (Institut National de la Recherche Scientifique)

TUESDAY SESSION

e-Posters 9

GEOPRESSURE
A. Edwards (Ikon Science Ltd) & N. Goulty (Durham University)

8:30	**We P9 01 - Measuring and Interpreting P and S Wave Velocity Data - An Application of a New Petrophysical Model -** J. Somogyine Molnar* (University of Miskolc), M. Dobroka (University of Miskolc), A. Kiss (University of Miskolc)
8:55	**We P9 02 - A Workflow for Target-Oriented Pore Pressure Prediction in Shale Gas Reservoirs -** Q. Hu* (Sinopec Geophysical Research Institute), H.F. Hu (Sinopec Geophysical Research Institute)
9:20	**We P9 03 - Predicting the Pressure Dependence of Elastic Velocities of Dry Granular Assemblies Using a Modified GCT Model -** A. Sajeva* (University of Pisa), S. Capaccioli (University of Pisa), D. Scarpellini (University of Pisa), A. Mazzotti (University of Pisa)
9:45	
10:10	Coffee break

BOREHOLE GEOPHYSICS
S. Minato (Delft University of Technology) & T. Dean (Curtin University of Technology)

10:30	**We P9 05 - VSP Tool Orientation Using Magnetometer and Inclinometer Sensors -** C. Naville* (IFP Energies Nouvelles), C. Naville (IFPEN), S. Serbutoviez (IFPEN), S. Nicoletis (Total E&P Bolivie)
10:55	**We P9 06 - Joint Migration Inversion of 3D Full Wavefield Borehole Data -** B. El Marhfoul* (Delft University of Technology), D.J. Verschuur (Delft University of Technology)
11:20	**We P9 07 - Surface Seismic While Drilling - Imaging of Well Bores in Seismic Context -** E.B. Raknes* (Norwegian University of Science & Technology), T.J. Moser (Moser Geophysical Services), B. Arntsen (Norwegian University of Science & Technology), S. Johansen (Norwegian University of Science & Technology), S. Sangesland (Norwegian University of Science & Technology)
11:45	**We P9 08 - The New Tool Design of Ultra-deep Azimuthal Electromagnetic Resistivity Logging-while-drilling Based on Gray Relational Analysis Method -** K.S. Li* (China University of Petroleum (Beijing)), J. Gao (China University of Petroleum (Beijing)), C. Wu (China University of Petroleum (Beijing)), X. Zhao (China University of Petroleum (Beijing)), F.G. Chen (China University of Petroleum (Beijing)), S. Liu (China University of Petroleum (Beijing)), H.F. Sun (China University of Petroleum (Beijing))

LEAST-SQUARE AND MARCHENKO IMAGING
J.A. Edgar (Total E&P UK Limited) & J.E. Rickett (Schlumberger)

12:10	**Tu P9 09 - Sparsity-promoting Least-squares Migration with the Linearized Inverse Scattering Imaging Condition -** P.A. Witte* (University of British Columbia), M. Yang (University of British Columbia), F.J. Herrmann (University of British Columbia)
12:30	**Tu P9 10 - Multi-source Least-square Reverse Time Migration Based on MPI And CUDA Hybrid Accelerating Algorithm -** H. Xue* (China University of Petroleum (Beijing)), Y. Liu (China University of Petroleum (Beijing))
12:50	**Tu P9 11 - 3D Least-squares Reverse Time Migration Using Wavefield Decomposition via Hilbert transform -** Y.S. Kim* (Saudi Aramco), W. Jeong (Saudi Aramco), C. Tsingas (Saudi Aramco)
13:10	**Tu P9 12 - The Least-squares Elastic Reverse-time Migration with Density Variation -** M.A. Sun* (Tongji University), L. Dong (Tongji University), Y. Liu (Tongji University), J. Yang (Tongji University)
13:30 - 16:45	Student e-Posters 9

(Vertical label: TUESDAY SESSION)

LEAST-SQUARE AND MARCHENKO IMAGING
J.A. Edgar (Total E&P UK Limited) & J.E. Rickett (Schlumberger)

17:10	**Tu P9 13 - All-in-one Marchenko Redatuming -** M. Ravasi* (Statoil ASA)
17:30	**Tu P9 14 - Sparse Inversion for Solving the Coupled Marchenko Equations Including Free-surface Multiples -** M. Staring* (Delft University of Technology), N. Grobbe (Massachusetts Institute of Technology), J. van der Neut (Delft University of Technology), K. Wapenaar (Delft University of Technology)
17:50	**Tu P9 15 - Imaging Strategies Using Marchenko Focusing Functions -** C.A. da Costa Filho* (University of Edinburgh), G.A. Meles (University of Edinburgh), A. Curtis (University of Edinburgh), M. Ravasi (Statoil), A. Kritski (Statoil)
18:10	**Tu P9 16 - Robust Marchenko Focusing -** Calibrating Surface Reflection with VSP Data - H.R. Thomsen* (ETH Zürich), F. Broggini (ETH Zürich), D.-J. van Manen (ETH Zürich), M. Ravasi (Statoil), A. Kritski (Statoil)
18:30	**Tu P9 17 - An Improved Method to Calculate the Analytical Wavefield for Causal Imaging Condition -** R.C. Pestana* (Federal University of Bahia), D. Revelo (University Federal of Bahia)

(Vertical label: TUESDAY SESSION)

Student presentations Wednesday 14 June

	Student e-Posters 1	**Student e-Posters 2**
	ELECTROMAGNETIC AND POTENTIAL FIELD MEASUREMENTS *P. Christie (Schlumberger) & F. Ceci (WesternGeco)*	**MULTISCALE RESERVOIR CHARACTERIZATION** *M. Koetenev & J. Abasi*
8:30	**We SP1 01 - Density Mapping Technology - Newly Developed Geophysical Method for the Determination of the Crustal Density Deviations -** M. Kašing* (Institute of Geological Engineering, VŠB - Technical University of Ostrava), P. Jirman (Masaryk University), M. Goldbach (Masaryk University), L. Sokol (Masaryk University), A. Melnyk (Institute of Geological Engineering, VŠB - Technical University of Ostrava)	**We SP2 01 - Comparison of Well Fracture Data with 3D Seismic - Case Study of the South Arne Field, Danish North Sea -** S.M.D.H. Bukhari* (University of Stavanger), L. Schulte (Schlumberger SIS), N. Cardozo (University of Stavanger)
8:55	**We SP1 02 - 3D Modelling of Geomagnetic Induction Data from Queensland, Australia -** H. Brasse (Freie Universitaet Berlin), G. Heinson (University of Adelaide), D. Wehner* (Freie Universitaet Berlin)	**We SP2 02 - Reservoir Quality Preserving Processes in Lower Jurassic Cook Formation of Veslefrikk Area -** S.M. Hasnain*, J. Jahren (University of Oslo)
9:20	**We SP1 03 - Recursive-particle Swarm Optimization (RPSO) - A Hybridized Inversion Technique for the Interpretation of Gravity Anomaly over Mobrun Ore Body -** A. Verma* (Indian Institute of Technology (Indian School of Mines), Dhanbad), R. Roshan (Indian Institute of Technology (Indian School of Mines), Dhanbad), U.K. Singh (Indian Institute of Technology (Indian School of Mines), Dhanbad)	**We SP2 03 - Modified Rock Typing Method for Carbonated Oil Reservoirs -** A.G. Ghamartale* (Shiraz University), A.B. Bahreini (Shiraz University), M.R. Riazi (Shiraz University), M.S. Escrochi (Shiraz University)
9:45	**We SP1 04 - Aeromagnetic Data Interpretation to Locate Hidden Faults in Kerman Province -** S. Ghaempanah Tajabadi* (Payame Noor), M. Aryamanesh (Payame Noor)	**We SP2 04 - Characterization of Lower Cretaceous Reservoir Wedges at the Southern Flank of Loppa High, Southwestern Barents Sea -** A. Ärlebrand (University of Stavanger), C. Augustsson (University of Stavanger), A. Escalona* (University of Stavanger)
10:10	Coffee break	Coffee break
10:30	**We SP1 05 - Study in 3D Focusing Inversion of Gravity Gradient Data Based on Conjugate Gradient Algorithm -** X. Gao (Jilin University), D. Huang (Jilin University), S. Sun (Jilin University), P. Yu (Jilin University), W. Zhou (Jilin University), M. Geng* (China University of Geosciences)	**We SP2 05 - A Consistent Workflow to Re-evaluate the Hydrocarbon Distribution in a Giant Carbonate Reservoir in the Middle East -** M. Albreiki* (Heriot-Watt University), S. Geiger (Heriot-Watt University), P.W.M. Corbett (Heriot-Watt University)
10:55	**We SP1 06 - Gravity Inversion of Two Layered Crustal Model via Evolution Strategy (ES) Optimization -** K. Ghasemi* (Institute of Geophysics, University of Tehran), S.-H. Motavalli-Anbaran (Institute of Geophysics, University of Tehran), G. Karimi (Kharazmi University, Tehran)	**We SP2 06 - Impact of the Hydrocarbon Production on the Reservoir Using 4D Seismic Data -** M.T. Tomasgaard*, L.S. Schulte (Schlumberger), N.C. Cardozo (University of Stavanger)
11:20	**We SP1 07 - Detecting and Modelling the Manganese Ore Body through Micro-gravity Data -** R. Soltanabadi* (University of Tehran), V. Ebrahimzadeh Ardestani (University of Theran)	**We SP2 07 - An Approach to Porosity Prediction from Direct Inversion of Post Stack Seismic Data -** T. Gogoi* (Indian School of Mines Dhanbad), R. Chatterjee (Indian School of Mines Dhanbad)
11:45	**We SP1 08 - Nonlinear Inverse Modelling of Magnetic Data Using Occam's Method, Application to BAIDAR Iron Deposit -** V. Ghaderi* (University of Tehran)	**We SP2 08 - A Pre-stack Seismic Inversion Method of Frequency-dependent Viscoelastic Fluid Factor -** F.S. Biao* (China University of Petroleum), X.Y. Yin (China University of Petroleum), Z.Y. Zong (China University of Petroleum)
	SEISMIC MODELLING AND PROCESSING *I. Jones (ION) & T. Brice (WesternGeco)*	**PETROLEUM SYSTEMS AND EXPLORATION** *M. Koetenev & A. Edwards (Ikon Science Ltd)*
12:10	**Tu SP1 09 - Preprocessing for Fully Elastic 2D Waveform Inversion of Body Waves in Active Seismic Data from the San Andreas Fault -** J. Zeiß* (Montanuniversitaet Leoben), K.P. Peters-Poethke (Montanuniversität Leoben), M.P. Paschke (Friedrich-Schiller-University), F.B. Bleibinhaus (Montanuniversität Leoben)	**Tu SP2 09 - Hydrocarbon Potential Evaluation of the Southern Llanos Basin and the Western Margin of the Barbados Accretionary Prism, Caribbean Region -** A.F. Cedeno Motta* (University of Stavanger), A. Es (University of Stavanger), S. Ohm (University of Stavanger)
12:30	**Tu SP1 10 - Improving Markov Chain Monte Carlo Efficieny with Resolution Constraints -** C. Tauchner* (Montanuniversity Leoben), F. Bleibinhaus (Montanuniversity Leoben)	**Tu SP2 10 - Tectono-stratigraphic Evolution and Frontier Exploration Screening of the South Western Approaches Basins -** S.L. Evans* (Imperial College London)
12:50	**Tu SP1 11 - A Simple Algorithm to Recover Low Frequencies for Impedance Inversion -** S. Barala* (Indian Institute of Technology (Indian School of Mines), Dhanbad), P.R. Mohanty (Indian Institute of Technology (Indian School of Mines), Dhanbad)	**Tu SP2 11 - Mesozoic Hydrocarbon System of the Greater Barents Sea Basin -** D. Ershova* (Lomonosov Moscow State University), A. Gilmullina (Lomonosov Moscow State University), A. Mordasova (Lomonosov Moscow State University), I. Sannikova (Lomonosov Moscow State University), A. Suslova (Lomonosov Moscow State University), A.V. Stoupakova (Lomonosov Moscow State University), R. Sautkin (Lomonosov Moscow State University), M. Bolshakova (Lomonosov Moscow State University), D. Katkov (Lomonosov Moscow State University)
13:10	**Tu SP1 12 - Optimizing 3D Seismic Survey Design to Improve Fault Image by Ray Trace Modelling - A Case Study of the Iranian Oilfields -** S. Saffarzadeh* (Amirkabir University of Technology), A. Javaherian (Amirkabir University of Technology), H. Hasani (Amirkabir University of Technology), M.A. Talebi (National Iranian Oil Company, Tehran)	**Tu SP2 12 - Potential Perspective Structures and Petroleum plays of East Siberian Sea Basin -** Y.A. Karpov* (Lomonosov Moscow State University), M. Agasheva (Lomonosov Moscow State University), A.V. Stoupakova (Lomonosov Moscow State University), A. Suslova (Lomonosov Moscow State University)
	SEISMIC INTERPRETATION AND ATTRIBUTES *J. Soto (University of Granada) & P.-O. Lys (Total)*	**UNCONVENTIONAL AND MINERAL RESOURCES** *T. Finkbeiner (King Abdullah University of Science & Technology) & M. Koetenev*
13:30	🏅① **We SP1 09 - Low-frequency Analysis from Permeable and Fractured Rocks in the Central North Sea - A Possible Krauklis-wave Phenomenon -** S.S. Ahmad* (University of Stavanger), W. Weibull (University of Stavanger), R.J. Brown (University of Stavanger), A. Escalona (University of Stavanger)	**We SP2 09 - Rate Transient Analysis and Pressure Transient Analysis for Triple Porosity Model in Shale Gas Reservoir -** M. Aghajanzadeh (Amirkabire University of Technology), M. Owji*, T. Karami Oshtorjani (Shiraz University), M. Sharifi (Amirkabire University of Technology)
13:55	**We SP1 10 - Lower Cretaceous Clastic Wedges in the Swaen Graben, the Barents Sea, Norway -** S.J. Lazarević* (University of Stavanger), A. Escalona (University of Stavanger), D. Marin (University of Stavanger)	**We SP2 10 - Shale Gas and Shale Oil Identification Through Geophysical Inversion of Well Logs -** F. Perez Ortega* (University of Leeds)
14:20	**We SP1 11 - Top Seal Analysis of a Failed Reservoir -** J. Qamar* (University of Stavanger), B. Wang (Independent), L. Schulte (Schlumberger), N. Cardozo (University of Stavanger)	**We SP2 11 - Inversion of Gravity Data Using a Geostatistical Method -** M. Khaleghi* (University of Tehran), V. Ebrahimzadeh Ardestani (University of Theran)
14:45	🏅① **We SP1 12 - Tectono-stratigraphic Development of the Cenozoic Sedimentary Succession of the Shallow Water Norwegian Sea -** V.C.F. Pettersen* (University of Stavanger), S. Nordfjord (Statoil ASA)	**We SP2 12 - Gold Exploration Using Induced Polarization and Resistivity Methods in Meyduk-Latala Area -** M.R. Yusefi* (University of Tehran), M.K. Hafizi (University of Tehran), B. Salari (University of Tehran)
15:10	Coffee break	Coffee break

TUESDAY SESSION

🏅① Best Student Paper Prize

Student presentations Wednesday 14 June

	Student e-Posters 1	Student e-Posters 2
15:30	**We SP1 13 - An Integrated Study of the Cretaceous Sequence Stratigraphic Development in the Northern Stord Basin, North Sea -** A. Amrizal* (University of Stavanger), S. Nordfjord (University of Stavanger)	**We SP2 13 - Development of Inhibitive Water Based Drilling Fluid System Using Synthesized Polyacrylamide-grafted-gGum Arabic/Silica Nanocomposite for Reactive Shale Formations -** S. Kumar (DIT University), R. Jain* (DIT University)
15:55	**We SP1 14 - Enhancement of Sparker Data for Sequence Stratigraphic Interpretation -** H. Kim* (Pukyong National University), G.H. Lee (Pukyong National University), S.B. Hwang (Pukyong National University), B.Y. Lee (KIGAM), Y.H. Yoon (KIGAM), K.O. Kim (KIGAM), H.J. Kim (KIOST)	**We SP2 14 - Pore Characterization of Coal of Jharia Coalfield for Coalbed Methane Using Pore Image Analysis -** M. Asif (Indian Institute of Techlogy (ISM)), N. Paul* (Indian Institute of Techlogy (ISM)), D.C. Panigrahi (Indian Institute of Techlogy (ISM)), K. Ojha (Indian Institute of Techlogy (ISM))
16:20	**We SP1 15 - Seismic Interpretation with Focus on Late Jurassic - Early Cretaceous Clastic Wedges and Paleodrainage in the Åsgard Field, Mid-Norway -** B. Kverneland* (University of Stavanger), A. Escalona (University of Stavanger)	**We SP2 15 - Nano Structure Characterization and Sorption Kinetics of Gases in Indian Coals -** S. Paul Naveen* (IIT (ISM) Dhanbad), K. Ojha (IIT (ISM) Dhanbad), M. Asif (IIT (ISM) Dhanbad)
16:45	**We SP1 16 - Cretaceous and Paleogene Clinoform Sequences of North Chukchi Basin -** M.A. Agasheva* (Lomonosov Moscow State University), Y.A. Karpov (Lomonosov Moscow State University), A.V. Stoupakova (Lomonosov Moscow State University), A.A. Suslova (Lomonosov Moscow State University)	**We SP2 16 - Improving Unconventional Reservoir Fracturing Using a Hybrid Surfactant-polymer Gel System -** A. Das* (IIT (ISM) Dhanbad), G. Chauhan (IIT (ISM) Dhanbad), K. Ojha (IIT(ISM) Dhanbad)
	SEISMIC MODELLING AND PROCESSING *I. Jones (ION) & T. Brice (WesternGeco)*	**PETROLEUM SYSTEMS AND EXPLORATION** *M. Koetenev & A. Edwards (Ikon Science Ltd)*
17:10	**Tu SP1 13 - Fast Deghosting in Slowness-jittered Radon Domain -** B. Hu (Jilin University), C.M. Liu* (Jilin University), D.L. Wang (Jilin University), T.X. Wang (Jilin University), J.J. Zhou (Jilin University)	**Tu SP2 13 - 2D Basin and Petroleum System Modelling of the Semliki Basin, Western Uganda -** S.E. Echegu (Makerere University), B.N. Nagudi (Makerere University), B.A. Ajuna* (Makerere University)
17:30	**Tu SP1 14 - Full Waveform Inversion Using Passive Seismic Data Based on Seismic Interferometry and Source Independent Method -** P. Zhang (Jilin University), L. Han (Jilin University), F. Zhang (Jilin University), H. Sun (Jilin University), Y. Wei* (Jilin University)	**Tu SP2 14 - Geochemical and Petrographic Characterization of Sedimentary Facies from Maiganga, Gombe Formation, Gongola Sub-basin, Northern Benue Trough Nigeria -** A. Ayinla* (University of Malaya), W.H. Abdullah (University of Malaya), Y. Makeen (University of Malaya), M.B. Abubakar (ATBU Bauchi), B.M. Sarki Yandoka (ATBU Bauchi)
17:50	**Tu SP1 15 - An Optimized Hybrid Pseudospectral/finite-difference Modelling of TTI Pure P-wave Equation and Reverse Time Migration -** B.W. Li (Jilin University), D.L. Wang (Jilin University), J.J. Zhou (Jilin University), Y.Z. Su (Jilin University), B. Hu (Jilin University), C. Liu* (Jilin University)	**Tu SP2 15 - A Critical Study of the Hydrocarbon Prospectivity of Siram Field, Niger Delta Basin -** V.O. Oguadinma* (Nnamdi Azikiwe University), E.O. Akpunonu (Nnamdi Azikiwe University)
18:10	**Tu SP1 16 - Dip-dividing Multiple Matching and Separation Based on F-x Empirical Mode Decomposition -** B. Hu* (Jilin University), D.L. Wang (Jilin University), C.M. Liu (Jilin University), T.X. Wang (Jilin University), J.J. Zhou (Jilin University), B.W. Li (Jilin University)	**Tu SP2 16 - Integrated Basin Modelling to Evaluate Cenomanian Source Rock in the Iranian Sector of the Persian Gulf -** B. Beiranvand* (Research Institute of Petroleum Industry), Z. Day (Schlumberger), M.R. Kamali (Research Institute of Petroleum Industry), A. Chehrazi (Research Institute of Petroleum Industry), A. Ahmadi (Research Institute of Petroleum Industry), H. Kermanshahi (Research Institute of Petroleum Industry), A. Eimandoust (Research Institute of Petroleum Industry)
18:30	**Tu SP1 17 - Constrained Migration Velocity Analysis - A Case Study in the German Molasse Basin -** V. Shipilin* (Ludwig Maximilian University Munich), H. von Hartmann (Leibniz Institute for Applied Geophysics)	

TUESDAY SESSION

	Student e-Posters 9
12:10	Lunch break
	SEDIMENTOLOGY AND STRUCTURAL GEOLOGY *J. Soto (University of Granada) & A. Edwards (Ikon Science Ltd)*
13:30	**We SP9 09 - Controls on Suprasalt Deformation in the Nordkapp Basin, Norwegian Barents Sea -** L.A. Rojo Moraleda* (University of Stavanger), N. Cardozo (University of Stavanger), A. Escalona (University of Stavanger)
13:55	**We SP9 10 - The Early Cretaceous Structural Evolution of the Tromsø Basin, SW Barents Sea -** B. Kairanov* (University of Stavanger), A. Escalona (University of Stavanger), I. Norton (University of Texas Institute for Geophysics (UTIG)), L.A. Lawver (University of Texas Institute for Geophysics (UTIG)), P. Abrahamson (MultiClient Geophysical ASA)
14:20	**We SP9 11 - Does the Evolution of Salt Structures Interconnect Different Fault Families in the Espírito Santo Basin? -** N.H. Mattos* (Cardiff University), T.M. Alves (Cardiff University)
14:45	**We SP9 12 - Middle Jurassic to Early Cretaceous Tectonic Movements and Basin Evolution in the Northern North Sea -** X. Zhong* (University of Stavanger), A. Escalona (University of Stavanger), M. Bergan (Bayerngas Norge AS)
15:10	Coffee break
15:30	**We SP9 13 - A Study of Several Proposed Footwall-derived Alluvial Fan Deposits in the Hanging Wall of the Kerpini Fault Block, Greece -** H.B. Birkeland* (University of Stavanger), A. Escalona (University of Stavanger), C. Townsend (University of Stavanger)
15:55	**We SP9 14 - Geological Mapping and Investigation into Tectonic Control on Deposition in an Active Rift Setting - The Doumena Fault Block, Greece -** A. Veiteberg* (University of Stavanger), C. Townsend (University of Stavanger), A. Escalona (University of Stavanger)
16:20	**We SP9 15 - 3D Reconstruction of a Normal Fault Zone - A Trenching Study on a Strand of the Active Baza Fault, South Central Spain -** L.J. Koch* (University of Stavanger), N. Cardozo (University of Stavanger), I. Martin-Rojas (University of Alicante), P. Alfaro (University of Alicante), J. Castro (University of Alicante), I. Medina-Cascales (University of Alicante), F.J. García-Tortosa (University of Jaen)

Note: technical programme version - 15 April 2017.