

Marc Beller - *Seismic Imaging - Case Histories I* ePosters session — Tu 02/06/2015 09:30-13:10
Chairman: P. Mollicone - Sterling Resources (UK) plc, **M. Beller** - Wintershall Noordsee BV

Pierre-Yves Raya - *Multiple Attenuation* session — Tu 02/06/2015 09:30
Tu N114 01 A Novel 3-D De-multiple Workflow for Shallow Water Environments - a Case Study from the Brage field, North Sea
J. Oukili* (PGS), T. Jokisch (PGS), A. Pankov (PGS), B. Farmani (PGS), G. Ronhølt (PGS), Ø. Korsmo (PGS), **P.Y. Raya (Wintershall)** & M. Midttun (Wintershall)

Didier Lecerf - *Permanent Reservoir Monitoring* — Tu 02/06/2015 10:20
Tu N101 03 Using High-order Multiples to Extend Reservoir Illumination for Time-lapse Monitoring - Application to Jubarte PRM
D. Lecerf* (Petroleum Geo-Services), A. Valenciano (Petroleum Geo-Services), N. Chemingui (Petroleum Geo-Services) & S. Lu (Petroleum Geo-Services)

Jean-Philippe Coulon - *Multi-component - Case Studies and Inversion* session — Tu 02/06/2015 10:45
Tu N116 04 Joint PP-PS Inversion Without Prior Data Registration
B. Roure* (CGG), V. Souvannavong (CGG), **J.P. Coulon (CGG)** & D. Hampson (CGG)

Hervé Prigent - *Multiple Attenuation* session — Tu 02/06/2015 11:55
Tu N114 06 The Impact of Inter-bed Multiple Attenuation on the Imaging of Pre-salt Targets in the Santos Basin Off-shore Brazil
L. Cypriano (CGG), F. Marpeau* (CGG), R. Brasil (CGG), G. Welter (CGG), **H. Prigent (CGG)**, H. Douma (CGG), M. Velasques (PETROBRAS), J. Boechat (PETROBRAS), P. de Carvalho (PETROBRAS), C. Guerra (PETROBRAS), C. Theodoro (PETROBRAS), A. Martini (PETROBRAS) & J. Nunes Cruz (PETROBRAS)

Slim Bouchrara - *Rock Physics - Applications and Case Studies* session — Tu 02/06/2015 12:45
Tu N102 08 Electrical Anisotropy Trends in the Snøhvit Region of the Barents Sea
M.H. Ellis* (RSI), L. MacGregor (RSI), **S. Bouchrara (RSI)**, **A. Geck Alvarez (RSI)**, R. Keirstead (RSI) & A. Rusic (RSI)

Estelle André - *Geomechanics I* session — Tu 02/06/2015 15:20
Tu N116 11 Integrated 3D Geomechanics Modelling - A Case Study from the Gulf of Mexico
M. Leathard* (Schlumberger), L. Mapelli (Eni Spa Upstream and Technical Services), F. Mohamed (Schlumberger), **E. Andre (Schlumberger)**, K. Westeng (Schlumberger), Y. Petrakov (Schlumberger), N. Koronful (Schlumberger), S. Dabeer (Schlumberger), C. Sorgi (Schlumberger) & T. Bustos (Schlumberger)

Sébastien Soulas - *VSP and Distributed Acoustic Sensing (DAS)* session — Tu 02/06/2015 15:20
Tu N118 11 Advanced Borehole Seismic Calibration in Deep Water Reservoirs, a Case Study in Offshore Angola Block 31
S. Soulas* (BP)

Pierre-Yves Raya - *Seismic Imaging - Case Histories II* session — Tu 02/06/2015 15:45
Tu N103 12 Improved Velocity Estimation and Imaging Using Multiple Wavefield Components - A North Sea Case Study, Brage Field
P.Y. Raya* (Wintershall Norge AS), M. Midttun (Wintershall Norge AS), Ø. Korsmo (PGS), A. Pankov (PGS) & G. Rønholt (PGS)

Pauline Michel - *Advanced EOR (EAGE/SPE)* session — Tu 02/06/2015 16:30

Tu N117 13 Reservoir Simulations of H₂S Production during a SAGD Process on a Meandering Fluvial Reservoir - First Results

C. Preux* (IFP Energies Nouvelles), S.V. Ayache (IFP Energies Nouvelles), V. Lamoureux-Var (IFP Energies Nouvelles) & **P. Michel (IFP Energies Nouvelles)**

Romain Bibonne, Philippe Durringer, S. Leleu, Jean-François Ghienne - *Sedimentology and Structural Regional Geology I* session — Tu 02/06/2015 16:30

Tu N110 13 Sedimentology and Stratigraphy of the Early to Middle Triassic Clastic Formations of the Ghadames Basin (Tunisia-Libya)

R. Bibonne* (TOTAL SA), P. Durringer (EOST, Université de Strasbourg 1), C. Raulin (TOTAL SA), S. Leleu (ENSEGID, Université de Bordeaux 3), J.F. Ghienne (EOST, Université de Strasbourg 1), S. Bouaziz (University of Sfax) & J.L. Rubino (TOTAL SA)

Patrick Baud, Mike Heap - *Geomechanics I* session — Tu 02/06/2015 16:55

Tu N116 14 Time Dependent Compaction and Strain Localisation in Porous Sandstone - Implications for Reservoir Compaction

P. Baud* (University of Strasbourg (EOST)), M.J. Heap (University of Strasbourg (EOST)), N. Brantut (University College London) & P.G. Meredith (University College London)

Renaud Laurain - *Seismic Acquisition - Land and Marine* session — Tu 02/06/2015 16:55

Tu N104 14 Managing and Modeling the Seismic Interference

R. Laurain* (Statoil ASA), F. Ruiz-Lopez (Geograf AS) & S. Eidsvig (Statoil ASA)

Didier Lecerf - *4D Seismic Processing I* session — Tu 02/06/2015 16:55

Tu N101 14 Repeatability Measure for Broadband 4D Seismic

J. Burren (Petroleum Geo-Services) & **D. Lecerf* (Petroleum Geo-Services)**

Alexandre Stopin - *Full Waveform Inversion III* session — We 03/06/2015 09:30-13:10

Chairman: **A. Stopin** - Shell Global Solutions International BV

Jean-Luc Mari - *Formation Evaluation* session — We 03/06/2015 09:55

We N117 02 Automated Karstic Reservoir Analysis Utilizing Attributes

J.L.O. Mari* (IFP Energies Nouvelles) & G. Porel (Université de Poitiers, CNRS IC2MP UMR 7285)

Charles-Antoine Lameloise - *Velocity Model Building - Theory II* ePosters session — We 03/06/2015 11:30

We P1 05 Automatic Migration Velocity Analysis Applied to Direct Waves in a Crosswell Configuration

C.A. Lameloise* (MINES ParisTech), H. Chauris (MINES ParisTech) & E. Cocher (MINES ParisTech)

Didier Lecerf - *Seismic Imaging Theory - New Imaging Directions* session — We 03/06/2015 12:45

We N106 08 Separated Wavefield Imaging of Ocean Bottom Seismic (OBS) Data

S. Lu* (Petroleum Geo-Services), A.A. Valenciano (Petroleum Geo-Services), N. Chemingui (Petroleum Geo-Services) & **D.B. Lecerf (Petroleum Geo-Services)**

Thomas Schaaf - *History Matching and Uncertainty* session — We 03/06/2015 14:30-18:10

Chairman: S. Zheng - London South Bank University - **T. Schaaf - Storengy**

Charles-Antoine Lameloise - *Seismic Imaging Theory - Improved Imaging via Multiples and LS Approach* session — We 03/06/2015 15:20

We N101 11 Imaging with Surface-related Multiples in the Subsurface-offset Domain

E. Cocher* (Mines ParisTech), H. Chauris (Mines ParisTech) & **C.A. Lameloise (Mines ParisTech)**

Noémie Pernin - *Subsalt and Sub Basalt Exploration and Development* session — We 03/06/2015 15:20

We N104 11 Pre-salt Carbonate Characterisation Using 2D Dual-sensor Data and Rock Physics - Kwanza Basin Case Study

N. Pernin* (Petroleum Geo-Services), C. Reiser (Petroleum Geo-Services) & T Bird (Petroleum Geo-Services)

- Philippe Caprioli - *Broadband - Acquisition, Processing and Imaging* session — We 03/06/2015 16:55
We N103 14 Deghosting through Depth Domain Inversion
P. Caprioli* (Schlumberger), X. Du (Schlumberger) & R.P. Fletcher (Schlumberger)
- Nicolas Delepine - *Interpretation Theory - New Developments II* ePosters session — We 03/06/2015 16:55
We P5 14 Fast Interpolation Method with or without Faults by Fractal Second-derivative Optimization
M. Léger (IFP Energies nouvelles), V. Clochard (IFP Energies Nouvelles) & **N. Delépine* (IFP Energies nouvelles)**
- Luke Griffiths - *4D Seismic Processing II* ePosters session — We 03/06/2015 16:55
We P3 14 Trace Warping vs. Impedance Warping in 4D Seismic Inversion
L. Griffiths* (Ecole et Observatoire des Sciences de la Terre), T.D. Blanchard (Total E&P UK Limited), J.A. Edgar (Total E&P UK Limited) & M.S. Shahraeeni (Total E&P UK Limited)
- Gabriel Huot - *Full Waveform Inversion IV* ePosters session — We 03/06/2015 17:20
We P1 15 Imaging of a Large Amount of Free Gas in Sumatra Forearc Basin Using Elastic Full Waveform Inversion
G. Huot* (Institut de Physique du Globe de Paris (IPGP)) & S. Singh (Institut de Physique du Globe de Paris (IPGP))
- Nicolas Chazalnoel - *Subsalt and Sub Basalt Exploration and Development* session — We 03/06/2015 17:45
We N104 16 Improved Subsalt Images with Shot Patch-based Angle Gather Illumination Weighting
Q. Sun* (CGG), R. Moro (CGG), W. Gou (CGG) & **N. Chazalnoel (CGG)**
- Florent Robin - *4D Seismic Processing II* ePosters session — We 03/06/2015 17:45
We P3 16 Effectively Handling Different Types of Data in Facility Areas for Improved 4D Imaging
D. Chu* (ExxonMobil Exploration Company), G. Mohler (ExxonMobil Exploration Company), G. Chen (ExxonMobil Exploration Company), J.J. Bishop (ExxonMobil Exploration Company), V. Gudipati (ExxonMobil Exploration Company), M. Helgerud (ExxonMobil Exploration Company), D. Johnston (ExxonMobil Production Company), S. Reeve (Petroleum Geo-Services) & **F. Robin (Petroleum Geo-Services)**
- Thomas Schaaf - *Updating the Reservoir Model II (SPE)* session — Th 04/06/2015 09:30-12:45
Chairman: **T. Schaaf - Storengy**, A.C. Gringarten - Imperial College London
- Florent Robin - *Seismic Data Interpolation and Reconstruction* ePosters session — Th 04/06/2015 09:30
Th P8 01 Seismic Data Up-sampling beyond Aliasing Using Polynomial Phase Signals
M. Bekara* (PGS Stephen Beller - Data Processing Middle East) & **F. Robin (Petroleum Geoservices)**
- Fanny Marcy - *Rift Systems - Tectonics and Sedimentation* session — Th 04/06/2015 9:55
Th N112 02 Structural style and tectonic evolution of the northern part of the Bjørnøya Basin, South-Western Barents Sea, Norway
P.A. Safronova* (GDF SUEZ E&P Norge), L. Mattioni (GDF SUEZ EPI France), R. Hautier (GDF SUEZ EPI France), I. Moretti (GDF SUEZ EPI France), Ø. Skinnemoen (GDF SUEZ E&P Norge), M. Romanet (GDF SUEZ E&P Norge), **F. Marcy (GDF SUEZ E&P Norge)** & B. Heskestad (GDF SUEZ E&P Norge)
- Alexandre Bertrand - *4D Seismic Monitoring and Management* session — Th 04/06/2015 10:20
Th N101 03 Engineering Consistent Constraints for the Inversion of Changes in Pressure and Saturation on Ekofisk
M.Y. Wong* (Heriot-Watt University), C. MacBeth (Heriot-Watt University) & **A. Bertrand (ConocoPhillips Norge)**
- Romain Corseri - *Electromagnetic Methods II* session — Th 04/06/2015 10:20
Th N105 03 Investigation of a Mid-crustal Conductor in the North Gjallar Ridge, Offshore Norway, Inferred from Magnetotelluric Data
R. Corseri* (EMGS), K. Senger (EMGS), S. Planke (Volcanic Basin Petroleum Research), D. Maharjan (Volcanic Basin Petroleum Research) & C.B. Pedersen (TGS)

- Philippe Berthet, Philippe Solans - *4D Seismic Monitoring and Management* session — Th 04/06/2015 10:45
Th N101 04 Production History Match of an Angolan Deepwater Field Turbiditic Channel Using 4D Seismic Information
P. Berthet* (Total), P. Solans (Total), F. Selva (Total E&P Angola), S.B. Ahn (Total E&P Angola) & J.C. Fournie (Total E&P Angola)
- Romain Poujardieu - *Rift Systems - Tectonics and Sedimentation* session — Th 04/06/2015 10:45
Th N112 04 Regional Structure of the Southeast Barents Sea - Applying FTG to Exploration Challenges in Frontier Areas
S.J. Rippington* (ARKeX), **R. Poujardieu (ARKeX)**, A.M. Liszczyk (ARKeX) & N. Dyer (ARKeX)
- Marc Beller - *Pore pressure & AVO-AVA Case Histories* session — Th 04/06/2015 11:30
Th N114 05 Resolving Carboniferous Stacked Channel Sequences with a Non-linear AVO Technology
M. Beller* (Wintershall Noordzee BV), P. Doulgeris (Delft Inversion), A. Gisolf (Delft Inversion), P. Haffinger (Delft Inversion), R. Huis in't Veld (Wintershall Noordzee BV) & A.K.T. Wever (Wintershall Noordzee BV)
- Hélène Carton - *Rift Systems - Tectonics and Sedimentation* session — Th 04/06/2015 11:55
Th N112 06 Seismic Images of Multiple Magma Sills Beneath the East Pacific Rise
M. Marjanovic* (Institut de Physique du Globe de Paris (IPGP)), S.M. Carbotte (Lamont-Doherty Earth Observatory), **H.D. Carton (Lamont-Doherty Earth Observatory)**, M.R. Nedimović (Dalhousie University), J.C. Mutter (Lamont-Doherty Earth Observatory) & J.P. Canales (WHOI)
- Amine Ourabah - *Pore pressure & AVO-AVA Case Histories* session — Th 04/06/2015 11:55
Th N114 06 Impact of Acquisition Geometry on AVO/AVOA Attributes Quality - A Decimation Study Onshore Jordan
A. Ourabah* (BP), J. Bradley (BP), T. Hance (BP), M. Kowalczyk-Kedzierska (CGG), M. Grimshaw (CGG) & E. Murray (CGG)
- Stephen Beller, Anne Paul - *Full Waveform Inversion V* session — Th 04/06/2015 12:20
Th N104 07 3D Elastic Full Waveform Inversion of Teleseismic Data for High-resolution Ospheric Imaging
S. Beller* (Géoazur, Université Nice Sophia-Antipolis, France), V. Monteiller (Géoazur, Université Nice Sophia-Antipolis, France), S. Operto (Géoazur, Université Nice Sophia-Antipolis, France), G. Nolet (Géoazur, Université Nice Sophia-Antipolis, France), L. Combe (Géoazur, Université Nice Sophia-Antipolis, France), L. Métivier (LJK, CNRS, France), J. Virieux (ISTerre, Université Joseph Fourier, CNRS, France), T. Nissen-Meyer (University of Oxford, Oxford, United Kingdom), **A. Paul (ISTerre, Université Joseph Fourier, CNRS, France)** & L. Zhao (IGG-CAS, Beijing, China)
- Malgven Roudot, Benjamin Dubois - *Electromagnetic Methods II* session — Th 04/06/2015 12:20
Th N105 07 CSEM Pre-well Predictions in the Johan Castberg Area, Barents Sea
L.O. Løseth* (Statoil ASA), J.O. Hansen (Statoil ASA), T. Wiik (Statoil ASA), **M. Roudot (Statoil ASA), B. Dubois (Statoil ASA)**, A.K. Nguyen (Statoil ASA) & L.B. Henriksen (Statoil ASA)
- Jean-Claude Puech - *VSP and Borehole Seismic ePosters* session — Th 04/06/2015 14:30-18:10
Chairman: F. Poletto - Nat. Inst. of Oceanography & Exp. Geophysics OGS, **J.-C. Puech - Schlumberger**
- Risto Siliqi - *Broadband - Deghosting* session — Th 04/06/2015 14:30-18:10
Chairman: **R. Siliqi - CGG**, S. Grion - Dolphin Geophysical Limited
- Philippe Berthet - *Fault and Fracture Characterization* session — Th 04/06/2015 14:30
Th N110 09 Stochastic Simulations of Fault Relays and Induced Fault Transmissibility at Reservoir Scale - Method and Application
C. Vergnes* (Geoscience Research Centre Total E&P UK), F. Lallier (Geoscience Research Centre Total E&P UK), P. Bergey (Total S.A.), **P. Berthet (Total S.A.)** & S. Vignau (Geoscience Research Centre Total E&P UK)
- Maud Cavalca - *Seismic Attenuation II* session — Th 04/06/2015 14:30
Th N107 09 Q-compensation through Depth Domain Inversion
M. Cavalca* (Schlumberger), R.P. Fletcher (Schlumberger) & X. Du (Schlumberger)

Nicolas Chazalnoel - *Broadband - Deghosting session* — Th 04/06/2015 14:55

Th N103 10 Joint 3D Source-side Deghosting and Designature for Modern Air-gun Arrays

P. Wang (CGG), K. Nimsaila* (CGG), D. Zhuang (CGG), Z. Fu (CGG), H. Shen (CGG), G. Poole (CGG) &

N. Chazalnoel (CGG)

Jean-Claude Puech - *Exploration and Fields - Case Histories and Unconventionals session* — Th 04/06/2015 14:55

Th N101 10 Deepwater Wildcat Carbonate Well Uses Real-Time Seismic Lookahead Technology in Riserless Hole

C. Rowles* (BG), N. Kelsall (Schlumberger), C. Sirju (BG), L. Grindei (Schlumberger), **J.C. Puech (Schlumberger)**

& A. Kerdreux (Schlumberger)

Roberto Fainstein- *Novel Interpretation Studies II session* — Th 04/06/2015 15:20

Th N106 11 Krishna Basin, Offshore India - Structural Assessment with Modern Seismic

R. Fainstein* (Cairn India Ltd), S. Mathur (Cairn India Ltd), D. Bakshi (Cairn India Ltd), B. Jana (Cairn India Ltd) & N.J. Whiteley (Cairn India Ltd)

Stephen Beller - *Advances in HPC for Geophysical Applications session* — Th 04/06/2015 16:55

Th N112 14 3D Discontinuous Galerkin Elastic Modeling Based upon a Grid Injection Method

V. Monteiller* (Geoazur), **S. Beller (Geoazur)**, L. Combe (Geoazur), S. Operto (Geoazur), J. Virieux (Isterre, Université Joseph Fourier) & T. Nissen-Mayer (University of Oxford)

2015-05-22