

Mathieu Reinier, Guillaume Gigou - *GEOPHYSICS 1 Case Histories - Imaging & FWI session* — Tuesday 8 December 2020 16:00-16:55

Capturing the Value of Source-Over-Streamer Acquisition for Velocity Model Building at Barents Sea
N. Salaun¹, **M. Reinier**^{1*}, G. Henin¹, **G. Gigou**¹, A. Wright¹ ¹CGG

Sylvain Masclat, Mathieu Reinier - *GEOPHYSICS 1 Full Waveform Inversion 1 session* — Tuesday 8 December 2020 17:00-18:00

Optimal Transport Full Waveform Inversion - Applications
D. Carotti^{1*}, O. Hermant¹, **S. Masclat**¹, **M. Reinier**¹, J. Messud¹, A. Sedova¹, G. Lambaré¹ ¹CGG

Nawal De Freslon, Nicolas Desgoutte - *GEOPHYSICS 3 Quantitative Seismic Interpretation and Inversion session* — Wednesday 9 December 14:00-14:55

Comparison of Two Reservoir Characterization Workflows for Estimating 3D Shale Distribution from Seismic Data
N. De Freslon^{1*}, N. Lucet¹, A. Pain¹, **N. Desgoutte**¹ ¹Beicip-Franlab

Alexandre Stopin - *GEOPHYSICS 1 Full Waveform Inversion 3 session* — Wednesday 9 December 15:00-15:55
Chair: R. Kumar (Schlumberger), **A. Stopin** (Shell Global Solutions International BV)

Nawal De Freslon, Thomas Piolle - *GEOLOGY Geo-Modelling Wednesday session* — 9 December 15:00-15:55
Characterization and Modeling of the Vug and Fracture Network Affecting a Carbonate Reservoir (KMZ - Mexico)

L. Micarelli^{1*}, **N. De Freslon**¹, E.A. Denogean Gonzales², L. Ducarme¹, E. Jacquemin-Guillaume¹, A. Moccia¹, **T. Piollé**¹, J. Reyes¹, J.J. Ríos Lopez², M. Weber¹ ¹Beicip-Franlab; ²PEMEX E&P

Mikael Garden, Alexandre Egreteau, Jean-Luc Mari - *INTEGRATED SUBSURFACE Fields in Production: Geophysical Monitoring session* — Wednesday 9 December 15:00-15:55

Focused and Continuous Ultra-Light Seismic Monitoring: A Gas Storage Example
E. Morgan^{1*}, **M. Garden**², **A. Egreteau**², Y. Boubaker¹, K. Gestin¹, **J. Mari**¹ ¹SpotLight; ²OMV

Pascal Edme - *GEOPHYSICS 2 Seismic Acquisition - OBS & General session* — Wednesday 9 December 17:00-18:00
A Suitable Objective Function for Optimizing the Experimental Design for Seismic Full Waveform Inversion
V. Krampe^{1*}, **P. Edme**¹, H. Maurer¹ ¹ETH Zürich

Paul Cupillard - *GEOPHYSICS 3 Seismic Interpretation - Anisotropy & Fractured Reservoirs session* — Wednesday 9 December 17:00-18:00

The Apparent Anisotropy of the SEG-EAGE Overthrust Model
P. Cupillard^{1*}, W. Mulder^{2,3}, P. Anquez¹, A. Mazuyer^{1,4}, J. Barthélémy⁵ ¹University of Lorraine; ²Shell Global Solutions International B. V.; ³Delft University of Technology; ⁴Stanford University; ⁵CEREMA

Carine Roalkvam - *GEOPHYSICS 2 Seismic Acquisition - Sources & Receivers session* — Thursday 10 December 14:00-14:55

Redefining High Resolution Multi-Azimuth Towed Streamer Acquisition on the Norwegian Continental Shelf
D. O'Dowd¹, M. Widmaier¹, **C. Roalkvam**^{1*}, M. Ciotoli¹, L. Limonta¹ ¹PGS

Joffrey Brunelliere - *GEOPHYSICS 2 Simultaneous Source & OBN session* — Thursday 10 December 15:00-15:55
High Density OBN over Giant Arabian Field: Early Results from P & PS-Waves Processing

J. Brunellière^{1*}, L. Bovet², S. Sioni¹, A. Dawson³, K. Martin³ ¹Total; ²Total/NOC; ³WesternGeco

Didier Lecerf - *GEOPHYSICS 1 Multiple Imaging & Diffraction Modelling session* — Thursday 10 December 15:00-15:55

Can We Reduce Significantly the Number of OBN by Using Full Wavefield Migration?

D. Lecerf^{1*}, A. Asnaashari¹, A. Lafram², R. Salami² ¹PGS; ²Total

Philippe Caprioli - *GEOPHYSICS 2 Simultaneous Source & OBN session* — Thursday 10 December 15:00-15:55

What to Do When Up-Down Deconvolution Breaks Down

D. Boiero^{1*}, C. Bagaini¹, S. Banerjee¹, R. Bloor¹, C. Kostov¹, **P. Caprioli**¹, A. Zarkhidze¹ ¹Schlumberger

Isabelle Lecomte - *RESERVOIR ENGINEERING Dynamic Reservoir Simulation session* — Thursday 10 December 15:00-15:55

Geometric and Infill Effects on Flow Patterns and Production Rates in Paleokarst Reservoir Models

M. Balyesiima^{1*}, **I. Lecomte**¹, Ø. Pettersen², J. Tveranger² ¹University of Bergen; ²Norwegian Research Centre AS

Alexandre Stopin - *GEOPHYSICS 1 Velocity Model Building 1 session* — Thursday 10 December 17:00-17:55

Elastic Full Waveform Inversion for Sub-Basalt Imaging

A. Stopin^{1*}, R. Plessix¹, S. Bergler¹ ¹Shell Global Solutions International BV

Xavier Carriere, Guillaume Gigou, Alexandre Richard - *INTEGRATED SUBSURFACE Geothermal Energy session* — Thursday 10 December 17:00-17:55

Upper Rhine Graben Deep Geothermal Reservoir Imaging

H. Toubiana Lille^{1*}, N. Salaun¹, J.B. Mitschler¹, **X. Carriere**¹, **G. Gigou**¹, **A. Richard**² ¹CGG; ²ES-Geothermie

Camille Jestin - *GEOPHYSICS 3 Borehole Seismic Methods session* — Friday 11 December 15:00-15:55

On the Impact of the Gauge Length Value on Distributed Acoustic Sensing Data Quality

C. Jestin^{1*}, G. Calbris¹, V. Lanticq¹, M. Røed², C. Ringstad² ¹FEBUS OPTICS; ²SINTEF

Luke Griffiths, Guillaume Sauvin - *INTEGRATED SUBSURFACE CCS and Utilization: Lab and Pore Scale session* — Friday 11 December 15:00-15:55

Acoustic Emission Testing of Shales for Evaluation of Microseismic Monitoring of North Sea CO2 Storage Sites

L. Grande^{1*}, **L. Griffith**¹, J. Park¹, J.C. Choi¹, T. Bjørnarå¹, **G. Sauvin**¹, N. Mondol^{1,2} ¹Norwegian Geotechnical Institute; ²University of Oslo

Hervé Prigent - *GEOPHYSICS 3 High Resolution for Shallow Subsurface session* — Friday 11 December 17:00-17:55

Structurally Constrained Anisotropic Multi-Wave-Inversion Utilizing Machine Learning and Big Data on a Middle East OBC Project

V. Prieux^{1*}, T. Bardainne¹, A. Meffre¹, **H. Prigent**¹, F.J. Van Kleef², M. Waqas², L. Hou² ¹CGG; ²ADNOC Offshore

Amine Ourabah - *GEOPHYSICS 3 High Resolution for Shallow Subsurface session* — Friday 11 December 17:00-17:55

Chair: A. Ourabah (STRYDE)

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