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Geophysics Seminar Quantitative Interpretation

Tuesday 24 October 2017 • The Geological Society of London

09.00

REGISTRATION & COFFEE

09.20

WELCOME & INTRODUCTION

SESSION 1: KEYNOTE & INTEGRATION

Session Chair: Jim Henderson

09.30

KEYNOTE: Facies-based Reservoir Characterisation through the Asset lifecycle

M. Kemper, Ikon Science

09.55

Integrating Geology and Geophysics to Enhance the Predictability of Reservoir Properties

A. Moradi Tehrani, CGG

10.20

Wavelet interpolation for rock property estimation

T. Krylova, Paradigm

10.45

Incorporation of Rock Physics to Calibrate Frequency Decomposition Colour Blends

C. Han, GeoTeric

11.15

REFRESHMENTS

SESSION 2: WAVELETS AND INVERSION

Session Chair: Cyril Reiser

11.40

Predicting the presence of reservoir away from well control - A quantitative interpretation case study from offshore Greece

T. Tylor-Jones, DUG

12.05

One Dimensional Stochastic Inversion for Quantitative Seismic Reservoir Characterisation – a case study

P.H. Hau, BP

12.30

Facies-Aware Seismic Inversion for Predicting Deep Reservoir

E. Townend, Shell

13.00

LUNCH

SESSION 3: CASE STUDIES

Session Chair: Glen Cayley

13.45

Improved reservoir characterisation at the Mariner field using enhanced multimeasurement broadband data

M. Paydayesh, WesternGeco

14.20

The Cook Field: Uncertainty mitigation through subsurface integration and quantitative geophysics

S. Dingwall, Ithaca Energy

14.45

Field performance and reservoir modelling study utilising integrated sedimentology and seismic reservoir characterisation, Murzuq Basin, Libya

E. Jarvis, CGG

15.10

REFRESHMENTS

SESSION 4: PITFALLS

Session Chair: Martyn Millwod Hargrave

15.45

Broadband seismic data and its impact/value on the Quantitative Interpretation workflow

C. Reiser, PGS

16.10

Ultra deep and Ultra safe:-Combining facies prediction and PPFG well planning for ultra deep water for Ayame-1X, Côte d'Ivoire

W. Parsons, Ophir Energy & A. Edwards, Ikon Science

16.35

Comparison of approaches to quantitative reservoir characterisation using geophysical data: strengths, weaknesses, challenges and pitfalls

R. Ruiz, RSI

17.00

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