

2000 UTD Geophysical Consortium Meeting

(March 1-2, 2000)

Seismic Migration

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| Houzhu Zhang | Finite-difference Migration with Compensation for Absorption, Dispersion, and Transmission Losses in 2-D and 3-D |
| Zhou Yu | Wavelet-based Prestack Multi-resolution Kirchhoff Migration |
| Biaolong Hua | Lighting-fast Kirchhoff Migration |

Reservoir Analog Characterization I

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| Rucsandra Corbeanu | Interpretation and Geostatistical Analysis of 3D GPR, with Sedimentologic Implications |
| Deming Wang | Modeling GPR Borehole Data with Application to a Clastic Reservoir Analog in Central Utah |
| Robert Szerbiak | 3-D Characterization of a clastic reservoir analog; from 3-D GPR Data to a 3-D fluid permeability model |

Posters

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| Salah Mahmoud | Interpretation of 3-D Seismic Data from the Upper Cretaceous in La Salle County, South Texas; Hydrocarbon Possibilities |
| Adriansyah (for Jason Geosystems) | Jason Geoscience Workbench: Trace-based inversion Workflow and Quality Assurance Plots |
| Shaoming Lu (for Jason) | ADI (Angle-Dependent Inversion): Mapping Class 2 AVO Effects in Clastics |

Geosystems)

- Xueming Xu et al. The digital geological mapping of the Ferron Sandstone, Utah, by the Integration of GPS, Reflectorless Laser Range Finders, Cameras, and GIS (Cybercapture)
- Rucsandra Corbeanu et al. Internal Architecture and Sedimentology of a Fluvio-deltaic Tabular Sandbody, Ferron Sandstone, East-Central Utah

Seismic Data Processing and Interpretation

- Salah Mahmoud Interpretation of Seismic Data from the Upper Cretaceous in La Salle County, South Texas
- Gislain Madiba Processing and Analysis of Data from the North Sea
- Shaoming Lu Estimation of Gas Hydrate Concentration from Seismic Data

Reservoir Analog Characterization II

- Xueming Xu Using GPS and Reflectorless Laser Rangefinder for Surveying Grids and Geological Mapping at Corbula Gulch
- Rucsandra Corbeanu Integrated Sedimentological and GPR Study of Delta Plain Channel Deposits at Corbula Gulch, Ferron Sandstone
- Xiaoxian Zeng 2-D, 3-D and Borehole GPR Data from Corbula Gulch: Acquisition and Preliminary Results

Seismic Inversion and AVO

- Fan Xu Viscoacoustic Full-Wave Inversion in the Frequency Domain
- Adam Koesoemadinata Sensitivity of Amplitude Variation with Offset to Petrophysical Properties
- Adriansyah Seismic Data Analysis & Interpretation of a Clastic Reservoir in the Upper Cibulakan Formation, Northwest Java Basin, Indonesia

Jaime Ramos-
Martinez

Full-wavefield Inversion for Source Parameter Estimation in Complicated Media