

1999 UTD Geophysical Consortium Meeting

Seismic Migration

Houzhu Zhang	Finite-difference Migration with Compensation for Absorption, Dispersion, and Transmission Losses
Ximin Xue	Elastic Kirchhoff Migration for Multicomponent Seismic Data in Variable Velocity Media
Biaolong Hua	Parsimonious Kirchhoff Migration

Reservoir Analog Characterization: 'The Utah Project'

Rucsandra Corbeanu	Interpretation of 3D GPR Data with Outcrop and Borehole Sedimentologic Control, Coyote Basin, Utah
Robert Szerbiak	Processing and Modeling of 3-D GPR Data with Borehole Constraints, Coyote Basin, Utah
Xiaoxian Zeng	2-D and 3-D GPR Data fro Corbula Gulch, Utah

Posters

Salah Mahmoud	Seismic Sequence Stratigraphy of the Upper Cretaceous of the Maverick Basin, Northwest Gulf Coastal Province
Fan Xu	'The Texan' Miniature Seismic Recorder
Rucsandra Corbeanu	Internal Architecture and Sedimentology of Sandstone, East Central Utah
Aimin Xue	Kirchhoff Migration of Multicomponent Seismic Data
Xueming Xue	The Digital Geologic Mapping of the Ferron Sandstone, Utah, by the Integration of

GPS, Reflectorless Laser Range Finders, Cameras, and GIS (Cybercapture)

Seismic Data Processing

Aimin Xue	Ray-parameter Based Separation of P and S Waves
Shaoming Lu	P- and S-wave Separation during Multicomponent Prestack Reverse-time Migration
Zhou Yu	Wavelet-transform Based Suppression, Recovery, and Interpretation of Aliased Seismic Data
Gislain Madiba	Model-driven Comparison of Multiple Attenuation Methods
Adam Koesoemadinata	Estimation of Viscoelastic Seismic Properties from Petrophysical Parameters for Sandstone
Adriansyah	AVA Analysis and Interpretation of a Carbonate Reservoir, Northwest Java Basin, Indonesia

Seismic Anisotropy

Hongbo Zhou	An Analytic Study of the Geometrical Spreading in Layered VTI Media
Andrey Ortega	3-D Ray-based Synthesis of Zero-offset P-wave and P-to-S Converted Wave Sections for Anisotropic Media
Jaime Ramos-Martinez	Shear Wave Splitting and Polarization in Media with Intersecting Crack Systems: Application to a Carbonate Reservoir Model