

2007 GSH-SEG Spring Symposium Program

The Use of Seismic Attributes and AVO in Risk Assessment
– Case Histories and Best Practices

SPRING
SYMPOSIUM
2007 **GSH/SEG**

**MARCH 7-8, 2007
HOUSTON, TX
THE OMNI PALACE**



Courtesy of TLE

THE TANER SYMPOSIUM
- A Tribute to Dr Tury "3 Component" Taner
... a gentleman, a scholar, a great pioneer

GUEST SPEAKERS

Luis Canales - Guus Berkhout - Evgeny Landa - Tad Ulrych - Oz Yilmaz

EVENT SPONSORS

PLATINUM

Schlumberger



GOLD

SILVER

BRONZE

Omni Palace Conference Centre, 12121 Westheimer Houston, TX 281-921-6664

For reservations and up to date details see the GSH Website: www.gshtx.org

2007 GSH-SEG Spring Symposium Program

Wednesday, March 7

Morning Session

Session Chair: Richard Uden

7:30- 8:30 Registration and Breakfast

8:30- 8:50 Welcome and Introduction – Leon Thomsen, Joel Walls

8:50- 9:30 **Guus Berkhout:** Tury Taner, Looking Back at Fifty Exciting Years of Geoscience
9:30- 10:00 **Rocky Roden:** Calibrated Amplitude Characteristics for Risk Analysis – Results from an Industry-Wide Prospect Database

10:00- 10:15 Morning Break

10:15- 10:45 **Scott Singleton:** Q Estimation using Gabor-Morlet Joint Time-Frequency Analysis
10:45- 11:15 **Jack Dvorkin:** Rock Physics Tributes to Attributes
11:15- 11:45 **Tracy Stark:** Teaching Old Attributes New Tricks: Implications of 3D Instantaneous Phase Unwrapping

11:45- 12:30 Lunch

Afternoon Session

Session Chair: TBA

12:30- 1:15 **Oz Yilmaz:** Earthquake Seismology, Exploration Seismology, and Engineering Seismology: How Sweet It is – Listening to the Earth
1:15- 1:45 **Matt Carr:** The Use of Neural Networks on Well Logs and Seismic Data for Reservoir Characterization
1:45- 2:15 **Hao Guo:** Mapping Multiple Attributes to 3-4 Component Color Models

2:15- 2:30 Afternoon Break

2:30- 3:30 **Tad Ulrych:** A Turytour in 5 acts
3:30- 4:00 **Charles Sicking:** Gas Shale Prospecting with 3D Seismic

Gala and Banquet

Master of Ceremonies: Sven Treitel

6:00- 7:00 Social Hour

7:00- 9:30 Gala and Banquet

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2007 GSH-SEG Spring Symposium Program

Thursday, March 8

Morning Session

Session Chair: TBA

8:30- 9:00 Breakfast

9:00- 9:45 **Luis Canales:** Statistical Wavelet Estimation in the Footsteps of Tury Taner
9:45- 10:15 **Sergey Fomel:** Semblance and other Seismic Similarity Attributes

10:15- 10:30 Morning Break

10:30- 11:00 **Norman Neidell:** Highest Possible Seismic Resolution Attributes
11:00- 11:30 **Jianlei Liu:** Instantaneous Spectral Attributes to Detect Channels
11:30- 12:00 **Rene Mott:** Reducing Interpretation Risk Pre-drill Using Seismic Attributes

12:00- 12:30 **John Parrish:** X-T Deconvolution Revisited

12:30- 1:15 Lunch

Afternoon Session

Session Chair: Rene Mott

1:15- 2:00 **Evgeny Landa:** Imaging of Diffractions as an Outlook on Seismic Super-resolution

2:00- 2:30 **Mark Quakenbush:** Poisson's Impedance – Case History
2:30- 3:00 **Steve Carlson:** Fractal-based Seismic Attribute Generation and Visual Classification

3:00- 3:15 Afternoon Break

3:15- 3:45 **Tony Rebec:** The Seismic Coherence Attribute Within the Interpretation Cycle

3:45- 4:15 **Bruce Hart:** Seismic Attributes: Observations of an Empiricist

Close

4:15- 4:30 Closing Remarks – Forbes McIntosh

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