

Wednesday - March 10, 2010

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| 7:30 | 8:30 | <i>Registration and Breakfast</i> | |
| 8:30 | 9:00 | <i>Welcome and Introduction</i> | |
| | | Mike Graul - President of GSH | |
| | | Dave Carlson - GSH 1st VP Elect & Symposium Committee Chair | |
| | | Tom Smith - Technical Committee | |

Reservoir Characterization and Imaging

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| Chairmen | Tom Smith | | |
| 9:00 | 9:25 | Larry Lines | Cooperative inversion for reservoir characterization of heavy oil fields |
| 9:25 | 9:50 | Arthur Cheng | Rock physics of reservoir monitoring: The effects of stress and saturation changes |
| 9:50 | 10:15 | Kurt Strack | Using electromagnetics for reservoir monitoring |
| | | <i>Morning Break</i> | |
| 10:35 | 11:00 | Sam Gray | Let a thousand flowers bloom: Sven, Enders and seismic imaging |
| | | Removing multiples and imaging primaries without subsurface information | |
| 11:00 | 11:25 | Art Weglein | |
| 11:25 | 11:50 | John Etgen | Application of pseudo-Laplacians to acoustic and acoustic anisotropic wave propagation |
| | | <i>Lunch</i> | |

Imaging and Wide azimuth

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| Chairmen | Chris Liner and Young Kim | | |
| 12:45 | 1:10 | Dean Clark | The right man, the right time, and the right place |
| 1:10 | 1:35 | Stewart Levin | 3D discontinuity imaging from multi-2D vintage seismic |
| 1:25 | 2:00 | Mauricio Sacchi | Wavefield representation and seismic data reconstruction |
| | | <i>Afternoon Break</i> | |
| 2:20 | 2:45 | Duane Dopkin | Application of full azimuth imaging to the Barnett shale dataset |
| 2:45 | 3:10 | Charles Sicking | Azimuthal acquisition and processing for fracture analysis |
| 3:10 | 3:35 | Ilya Tsvankin | Time-domain velocity analysis of wide-azimuth data: From TI to orthorhombic models |
| 3:35 | 4:00 | Ruben Martinez | Robust amplitude preserving noise suppression for land and OBS seismic data |

Comments and Discussion

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| 4:00 | 4:30 | Sven Treitel and Enders Robinson | |
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Thursday - March 11, 2010

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| 8:30 | 9:00 | <i>Registration and Breakfast</i> | |
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Source and Signal Processing

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| Chairmen | Mike Schoenberger and Mike Payne | | |
| 9:00 | 9:25 | Ken Lerner | The art of being a scientist |
| 9:25 | 9:50 | Jim Gaiser | Why the delay in S-wave interpretation? |
| 9:50 | 10:15 | Anton Ziolkowski | The far-field VIBROSEIS wavelet |
| | | <i>Morning Break</i> | |
| 10:35 | 11:00 | Bill Symes | Source synthesis for waveform inversion |
| | | Natural clusters in multi-attribute seismics found with self-organized maps | |
| 11:00 | 11:25 | Tom Smith | |
| 11:25 | 11:50 | John Burg | Analysis of ambient seismic noise |
| | | <i>Lunch</i> | |

Signal Processing

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| Chairman | Rob Stewart and Richard Verm | | |
| 12:45 | 1:10 | John Sherwood | The priceless education from the publications of Enders Robinson and Sven Treitel |
| | | Fifty ways to deconvolve them | |
| 1:10 | 1:35 | John Parrish | |

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| 1:25 | 2:00 | Chris Liner | An overview of wavelet transform concepts and applications |
| | | <i>Afternoon Break</i> | |
| 2:20 | 2:45 | Gary Margrave | Gabor deconvolution: Statistical compensation for Q and source signature |
| 2:45 | 3:10 | Joe Dellinger | Geophysical-style astronomy, black swans, and immoderate stacking |

Symposium Overview and Discussion

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| 3:10 | 3:35 | Leon Thomsen | Symposium Overview and Discussion |
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