

## THURSDAY, 2 APRIL

- 9:30-9:50am..... **BJD (better just design)**, *Peter Bell, CGS Ltd.*
- 9:50-10:10am..... **A Pilot Wide Azimuth Survey in the Northwest Raudhatain Area, Kuwait**, *Pradyumna Dutta, KOC*
- 10:10-10:40am..... **Coffee Break**
- 10:40-11am..... **3D Wide Azimuth Land Processing in the U.A.E.: A Middle East Case History**, *Ruben Martinez, PGS*
- 11am-11:20am..... **Considerations for Wide-Azimuth 3D Seismic Processing**, *David Gray, CGGVeritas*
- 11:20-11:40am..... **Experience with offset Vector Tile (OVT) PreStack Migration**, *Alexander Calvert, Ion Geophysical*
- 11:40am-12:20pm... **End of Session Discussion**
- 12:20-1:30pm..... **Lunch**, *Fairway Deck*

### ■ SHEAR WAVE AND AZ. ANALYSIS

- Session Chairmen:** *Michele Buia & Alexander Calvert*
- 1:30-1:50pm..... **Estimation of Shear-Wave Splitting Orientation, Delay and Amplitude Losses for Land 3D**, *Bruno Gratacos, CGGVeritas*
- 1:50-2:10pm..... **Azimuthal Anisotropy as key Indicator of Fractured Reservoir Productivity**, *Erika Angerer, OMV*
- 2:10-2:30pm..... **Multiazimuth Seismic Data Analysis using Directional Attributes**, *William Burnett, UT at Austin*
- 2:30-2:50pm..... **Coffee Break**
- 2:50-3:10pm..... **3-D P-P Reflection Field Data Exhibiting Azimuthal Dispersion**, *Heloise Lynn, Lynn, Inc.*
- 3:10-3:30pm..... **Improve Wide Azimuth Data Images with TTI Anisotropy**, *Dechun Lin, CGGVeritas*
- 3:30-3:50pm..... **Interpreting Azimuthal Phase: KOC High-Fold 3D P-P Field Data Over a Fractured Carbonate Reservoir**, *Heloise Lynn, Lynn, Inc.*
- 3:50-4:30pm..... **End of Session Discussion**

- 5:45-7:00pm..... **Wine Blending**
- 7:00-8:30pm..... **Group Dinner**

## FRIDAY, 3 APRIL

### ■ WAZ DESIGN & IMAGING

**Session Chairmen:** *Raymond Abma & Etienne Robein*

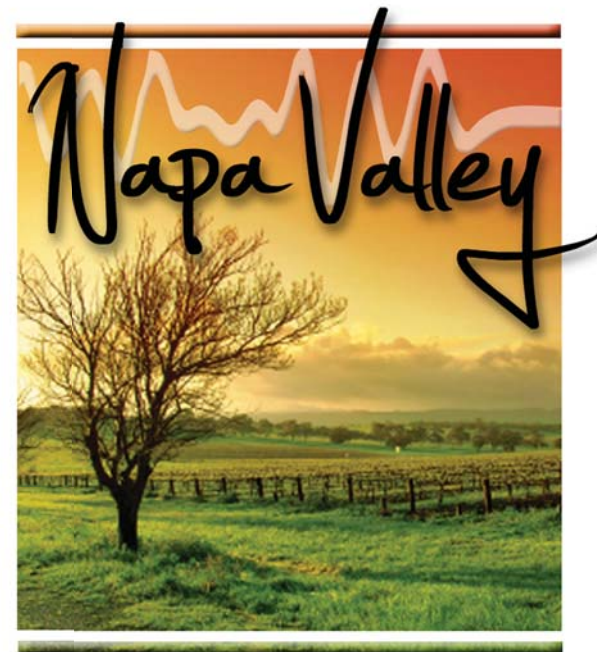
- 7:30-7:50am..... **Breakfast and Session**
- 7:50-8:10am..... **Survey Design and operational aspects of Coil Shooting**, *Gordon Brown, WesternGeco*
- 7:50-8:10am..... **Outcomes from Decimation Test of WATS Datasets from Deep Water Gulf of Mexico**, *Jean-Charles Ferran, CGGVeritas*
- 8:10-8:30am..... **Comparison Between Parallel, Areal, and Circular Geometries for Wide-Azimuth Marine Acquisition**, *Nick Moldoveanu, WesternGeco*
- 8:30-8:50am..... **Depth -Velocity Modeling and Imaging with Azimuthal Anisotropy in onshore Middle Eastern Field**, *Sergey Birdus, CGGVeritas*
- 8:50-9:20am..... **Coffee Break**
- 9:20-9:40am..... **Full Azimuth Angle Domain Imaging and Analysis**, *Zvi Koren, Paradigm*
- 9:40-10am..... **Design of Blended Acquisition**, *Gerrit Blacquiére, Delft University*
- 10-10:20am..... **Resolution of Subsurface Velocity in Wide Azimuth Surveys**, *Dan Kosloff, Paradigm*
- 10:20-10:40am..... **Lessons Learned through Modeling Wide Azimuth Acquisition for a GOM Exploration Problem**, *John Sinton, ConocoPhillips*
- 10:40-11:30am..... **End of Session Discussion**

### SEG BUSINESS OFFICE

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**Society of Exploration Geophysicists**  
The international society of applied geophysics



## SEG FORUM

*New angles on azimuth*

30 March–3 April 2009  
Napa, California USA

## FORUM SCHEDULE

SPONSORED BY





## SEG FORUM SCHEDULE

### MONDAY, 30 MARCH

- 3-6:00pm ..... Registration–Silverado East Foyer  
6:00-7:30pm ..... Ice Breaker–Vinter's Court, Silverado Resort

### TUESDAY, 31 MARCH

- 8-8:30am ..... Breakfast & Registration  
Silverado East Ballroom

#### ■ SIMSRC APPLICATIONS

**Session Chairmen:** Eric Verschuur & Ruben Martinez

- 8:30-8:40am ..... Introduction from Session Leaders  
8:40-9:00am ..... Simultaneous Source Technology Overview, Craig Beasley, WesternGeco  
9-9:20am ..... 3D Simultaneous Source Field Test with Wide Azimuths, Bill Dragoset, WesternGeco  
9:20-9:40am ..... Wide Azimuth Imaging with Simultaneous Sources, Eivind Fromyr, Petroleum Geo-Services  
9:40-10am ..... Simultaneous Source Separability Study, Gary Hampson, Chevron  
10-10:20am ..... Nonequispaced Fast Discrete Curvelet Transform (NFDCT) for Seismic Data Regularization and Interpolation, Gilles Hennenfent  
10:20-10:40am ..... Coffee Break  
10:40-11am ..... Simultaneous Sources: A Discussion of Acquisition Strategies, Simon Spitz, CGGVeritas  
11:11:20am ..... Impact of Simultaneous Source Separation Noise on High Resolution 4D Interpretation, Joseph Stefani, Chevron  
11:20-11:40am ..... Characterization of Current WATS Acquisition Geometries, Gijs J.O. Vermeer, 3DSymSam  
11:40am-12:20pm .. End of Session Discussion  
12:20-1:40pm ..... Lunch

#### ■ WIDE AZIMUTH CASE HISTORIES

**Session Chairmen:** Craig Beasley & Gary Hampson

- 1:40-2pm ..... Creating Clearer Images through the Application of Wide Azimuth Technology, Dennis Yanchak, BP  
2-2:20pm ..... Complex Imaging, Jerry Kapoor, WesternGeco  
2:20-2:40pm ..... The Wide Azimuth Hype Cycle - Peering into the "Crystal" Ball, Nathan Oliver, Petroleum Geo-Services  
2:40-3pm ..... Seismic data Quality Improvements and Uses of Multi-Azimuth Data in the Nile Delta, Egypt, Walter Rietveld, BP Egypt  
3-3:30pm ..... Coffee Break  
3:30-3:50pm ..... The Benefits of Multi-Azimuth Acquisition in a Non-Gulf of Mexico Setting - A Case Study from the Egyptian Mediterranean Sea, Andrew Spedding, Hess  
3:50-4:10pm ..... Circular Shooting on Tulip Field: Full Azimuth Streamer Acquisition and Illumination QC, Michele Buia, ENI E&P  
4:10-4:30pm ..... Subsalt Derisking for the Development of the Cleaverbank High: from Vintage PSDM to Long Cable DAZ PSDM and WEM, Rob Wervelman, Shell EP Europe  
4:30-4:50pm ..... Heidrun, A Full Azimuth Study From the North Sea, Mark Thomson, Statoil Hydro, Presented by Gordon Brown, WesternGeco  
4:50-5:30pm ..... End of Session Discussion

### WEDNESDAY, 1 APRIL

- 8-8:30am ..... Breakfast, Silverado East Ballroom

#### ■ SIMSRC TECHNOLOGY

**Session Chairmen:** Joe Stefani & Bill Dragoset

- 8:30-8:40am ..... Introduction from Session Leaders  
8:40-8:55am ..... Processing and inversion for simultaneous source acquisition, Ray Abma, BP

- 8:55-9:10am ..... Simultaneous Sources for Wide-Azimuth Geometries, Ian Moore, WesternGeco  
9:10-9:25am ..... Zigzag WATS as an Alternative to Current WATS, Gijs J.O. Vermeer 3DSymSam  
9:25-9:50am ..... Mini-Session Discussion  
9:50-10:05am ..... Simultaneous Sourcing: Separation with Crosstalk Attenuation, Christine Krohn, ExxonMobil Upstream Research  
10:05 - 10:20am ..... Source Separation in Emulated OBC Data with Simultaneous Sources, Young Kim, TGS NOPEC Geophysical Company  
10:20-10:50am ..... Mini-Session Discussion  
10:50-11:10am ..... Coffee Break  
11:10-11:25am ..... Least-Squares Migration of Space and Time Encoded Data, Yaxun Tang, Stanford University  
11:25-11:40am ..... Estimation of Primaries from Sparse Inversion of Blended Data, Eric Verschuur, Delft University  
11:40-11:55am ..... The Promise of Incoherent Shooting, Guus Berkhout, Delft University  
11:55am-12:30pm ... End of Session Discussion  
free for afternoon

### THURSDAY, 2 APRIL

- 8-8:30am ..... Breakfast, Silverado East Ballroom

#### ■ LAND SESSION

**Session Chairmen:** Sam Gray & Gijs Vermeer

- 8:30-8:50am ..... BJC (better just check), Peter Bell  
8:50-9:10am ..... Using Ray Tracing Theory for Wide Azimuth Land Acquisition Design in Colombian Foothills, Juan Carlos Delgado, Universidad of EAFIT Columbia  
9:10-9:30am ..... Evolution of Land Acquisition Towards Wide Azimuth – History of Apache in Egypt, David Monk, Apache