

Agenda

DAY 1 – Thursday, November 3, 2011

- 8:00 AM Breakfast
- 8:30 AM Opening Remarks
Akhil Datta-Gupta and Michael J. King, Texas A&M University
- 8:50 AM History Matching with a Multiscale Parameterization Based on Grid Connectivity and Adaptive to Prior Information
Eric Bhark
- 9:20 AM Streamline Tracing in Locally Refined and Faulted Cells
Yanbin Zhang
- 9:50 PM Improved Characterization and Performance Assessment of Shale Gas Wells by Integrating Stimulated Reservoir Volume and Production Data
Jichao Yin
- 10:20 AM Break
- 10:35 AM Industry Presentation: Field Experiences with Time-Lapse Seismic Integration Using Streamlines
Eduardo Jimenez, Shell
- 11:05 AM Fast Marching Methods: Application to Unconventional Reservoirs
Jiang Xie
- 11:35 AM A Hierarchical Multiscale Approach to History Matching with Grid Coarsening
Han-Young Park
- 12:05 PM Well Placement Optimization in a Mature Carbonate Waterflood
Satyajit Taware
- 12:30 PM Lunch
- 1:30 PM Improved Upscaling for Flow Simulation of Tight Gas Reservoir Models
Yijie Zhou
- 2:00 PM Fast History Matching of Time-Lapse Seismic Data: The Norne Field Application
Alvaro Rey
- 2:30 PM Incorporating Pressure Effects in Time-Lapse Seismic Integration
Shingo Watanabe
- 2:45 PM Drainage Volume Calculations in Tight Gas Reservoirs with Streamline Diffusive Time of Flight and Fast Marching Methods
Suksang Kang
- 3:00 PM Break

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- 3:15 PM Inclusion of Capillarity in Streamline Simulation via Orthogonal Projection
Shusei Tanaka
- 3:30 PM Effective Reservoir Simulation Layer Design: DWGOM Field Study
Song Du
- 3:45 PM Optimizing Polymer and CO₂ Flood via Rate Control
Satyajit Taware
- 4:00 PM Discussion and Wrap-up
Michael J. King and Akhil Datta-Gupta, Texas A&M University
- 4:45 PM Adjourn
- 5:00 PM Reception
- 6:00 PM Dinner

DAY 2 – Friday, November 4, 2011

- 8:30 AM Breakfast
- 9:00 AM Opening Remarks
Akhil Datta-Gupta and Michael J. King, Texas A&M University
- 9:15 AM DESTINY: Tracing and Inversion
Han-Young Park
- 10:00 AM DESTINY: Rate Optimization and Well Placement
Satyajit Taware
- 10:30 AM Break
- 10:45 PM GLOBAL
Jichao Yin and Zheng Zhang
- 11:30 AM SWIFT: Upgridding and Upscaling
Song Du
- 12:15 PM Lunch and Adjourn