



Agenda

DAY 1 – Thursday, November 1, 2012

- 7:30 AM Breakfast
- 8:00 AM [Opening Remarks](#)
Akhil Datta-Gupta and Michael J. King, Texas A&M University
- 8:20 AM [Robust Streamline Tracing Using Inter-Cell Fluxes in Locally Refined and Unstructured Grids](#)
Yanbin Zhang
- 8:45 AM [Improved Upgridding and Upscaling for Flow Simulation of Tight Gas Reservoir Models](#)
Yijie Zhou
- 9:10 AM [Time-Lapse Seismic Data Integration Including Saturation and Pressure Effects](#)
Shingo Watanabe
- 9:35 PM [Handling Conflicting Multiple Objectives During History Matching of Reservoir Performance](#)
Han-Young Park
- 10:00 AM Break
- 10:15 AM [A Hierarchical Multiscale Model Calibration with Spectral Domain Parameterization: Application to a Structurally Complex Fractured Reservoir](#)
Suksang Kang
- 10:40 AM Depth of Investigation and Pressure Depletion in Unconventional Reservoirs Using Fast Marching Methods
Jiang Xie/Neha Gupta
- 11:05 AM [Integration of Shale Gas Production Data and Micro-Seismic for Fracture and Reservoir Properties Using a Fast Marching Method](#)
Changdong Yang
- 11:30 AM Field Application of Multi-Resolution History Matching
Morteza Khodabakhshi
- 12:00 PM Lunch
- 1:15 PM **Industry Presentation**
Elastic Wave Propagation in a Porous Medium Containing Three Fluids: A Tool for Reservoir Monitoring and Characterization
Don Vasco
- 1:50 PM [Bottom-Hole Pressure Data Integration for CO₂ Sequestration in Aquifers](#)
Satyajit Taware
- 2:15 PM [Foundations of the Fast Marching Method and the Geometric Pressure Approximation](#)
Neha Gupta



- 2:40 PM [Streamline-Based History Matching of Compositional Model](#)
Shusei Tanaka
- 3:00 PM [Well Placement Optimization Using Dynamic Measure Probability Map With GA](#)
Jeong Min Kim
- 3:15 PM Break
- 3:30 PM [Ranking Geologic Models Using Pareto Optimality Criterion](#)
Jichao Han
- 3:45 PM [History Matching and Uncertainty Analysis for ASP Flooding](#)
Zheng Zhang
- 4:00 PM [Design and Optimization of Polymerflood Performance Measures](#)
Peerapong "Peet" Ekkawong
- 4:15 PM [Discussion and Wrap-up](#)
Michael J. King and Akhil Datta-Gupta, Texas A&M University
- 5:00 PM Adjourn/Reception
- 6:00 PM Dinner

DAY 2 – Friday, November 2, 2012

- 7:30 AM Breakfast
- 8:00 AM Opening Remarks
Akhil Datta-Gupta and Michael J. King, Texas A&M University
- 8:15 AM DESTINY: Tracing and Inversion
Dongjae Kam
- 9:15 AM SMARTFLOOD: Rate Optimization and Well Placement
Peerapong "Peet" Ekkawong
- 10:15 AM Break
- 10:30 AM SWIFT: Upgridding
Krishna Nunna
- 11:30 AM GLOBAL: Global Updates
Zheng Zhang
- 12:30 PM Lunch and Adjourn