Joint Industry Project

*Model Calibration and Efficient Reservoir Imaging (MCERI)*

Texas A&M University
Annual Advisory Board Meeting

Friday, November 7, 2008
Houston, Texas

**AGENDA**

<table>
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<th>Time</th>
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<tr>
<td>8:00 AM</td>
<td>Breakfast</td>
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| 8:30 AM | Opening Remarks  
*Akhil Datta-Gupta, Texas A&M University and Don Vasco, Lawrence Berkeley Laboratory* |
| 8:50 AM | Optimal Rate Control with Smart Wells Under Geologic Uncertainty: A Field Application  
*Ahmed Al-Huthali* |
| 9:20 AM | A Dual-scale Approach to Production Data Integration into High Resolution Geo-models  
*Jong-Uk Kim* |
| 9:50 AM | Ensemble Kalman Filter with Coarse-scale Constraints  
*Deepak Devegowda* |
| 10:20 AM | Break |
| 10:40 AM | Industry Presentation  
*EnKF with Flow Based Localization Using DESTINY: Application on a North Sea Field*  
*Dick Kachuma, Total* |
| 11:15 AM | Field Application of Streamline-based History Matching: Collaboration with BP  
*Alvaro Jose Rey Amaya* |
| 11:45 AM | History Matching with a Two Stage MCMC with Error Modeling  
*Xianlin Ma* |
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AGENDA (Cont’d)

12:05 PM  Lunch

1:15 PM  New Developments in DESTINY: A Multipurpose Code for Streamline Tracing and Inversion
Jong-Uk Kim, Jichao Yin and Alvaro Jose Rey Amaya

2:00 PM  Reservoir Characterization Using Surface Deformation Data
Don Vasco

2:30 PM  Break

2:50 PM  A Hybrid Ensemble Kalman Filter for Non-linear Dynamics
Shingo Watanabe

3:10 PM  Pressure Inversion and Three-phase History Matching
Jichao Yin

3:30 PM  History Matching Using Discrete Cosine Parameterization
Eric Bhark

3:50 PM  Improved Permeability Predictions Using Multivariate Regression Methods
Jiang Xie

4:10 PM  Discussion and Wrap-up
Akhil Datta-Gupta

4:30 PM  Adjourn

5:00 PM  Reception

6:00 PM  Dinner