



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

Location: Hilton Houston Post Oak
Address: 2001 Post Oak Boulevard, Houston, TX 77056
Phone: 713-961-9300

- 8:00 AM Breakfast
- 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 PM 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)

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|----------|---|
| 12:05 PM | Lunch |
| 1:15 PM | New Developments in <i>DESTINY</i> : A Multipurpose Code for Streamline Tracing and Inversion
<i>Jong-Uk Kim, Jichao Yin and Alvaro Jose Rey Amaya</i> |
| 2:00 PM | Reservoir Characterization Using Surface Deformation Data
<i>Don Vasco</i> |
| 2:30 PM | Break |
| 2:50 PM | A Hybrid Ensemble Kalman Filter for Non-linear Dynamics
<i>Shingo Watanabe</i> |
| 3:10 PM | Pressure Inversion and Three-phase History Matching
<i>Jichao Yin</i> |
| 3:30 PM | History Matching Using Discrete Cosine Parameterization
<i>Eric Bhark</i> |
| 3:50 PM | Improved Permeability Predictions Using Multivariate Regression Methods
<i>Jiang Xie</i> |
| 4:10 PM | Discussion and Wrap-up
<i>Akhil Datta-Gupta</i> |
| 4:30 PM | Adjourn |
| 5:00 PM | Reception |
| 6:00 PM | Dinner |