# MCERI Annual Meeting
## The Woodlands, Texas
## November 7-8, 2013

# Agenda

## DAY 1 – Thursday, November 7, 2013

7:30  AM    Breakfast

8:00  AM    Opening Remarks
*Akhil Datta-Gupta and Michael J. King, Texas A&M University*

8:20  AM    Fast Marching Method for Complex Grids and Anisotropic Permeability
*Yanbin Zhang (25 min.)*

*8:45  AM*    Diffuse Source Transmissibility Upscaling
*Krishna Nunna (20 min.)*

9:10  AM    Time-Lapse Seismic Data Integration Including Saturation and Pressure Effects: Norne Field Application
*Shingo Watanabe (25 min.)*

9:35  PM    A Novel Approach for Incorporation of Capillarity and Gravity Into Streamline Simulation Using Orthogonal Projection
*Shusei Tanaka (25 min.)*

10:00  AM    Break

10:20  AM    Geologic Model Ranking Using the Fast Marching Method
*Feyisayo Olalotiti-Lawal (20 min.)*

10:40  AM    Benchmarking of Fast Marching Method with Finite Difference Models
*Changdong Yang (20 min.)*

11:00 AM    Fast Marching Method with Multiphase Flow and Compositional Effects
*Yusuke Fujita (20 min.)*

11:20 AM    Field Application of Fast Marching Method for Shale Gas Reservoir Performance Analysis
*Neha Bansal (20 min.)*

11:40 AM    Sequential Well Placement Optimization Under Uncertainty
*Yijie Zhou (25 min.)*

12:00 PM    Lunch

1:15 PM    **Industry Presentation**
*To be announced (35 min.)*

1:50 PM    Multi-objective Optimization of EOR Processes: Application to the Norne Field
*Jichao Han (20 min.)*

2:10  PM    Multi-objective Optimization of EOR Processes: Application to ASP Flooding
*Zheng Zhang (20 min.)*

2:30  PM    Streamline-Based Transport Tomography Using Novel Tracer Technologies
*DongJae Kam (20 min)*

2:50  PM    Streamline Tracing on Unstructured Grids
*Lihua Zuo (20 min.)*

3:10  PM    Break *(15 min.)*

3:25 PM    Vug Characterization in a West Texas field using Streamline Based Method
*Jeong Min Kim (20 min.)*

3:45 PM    Carbonate Reservoir Characterization
*Ashwin Pasumarti* (15 min.)

4:00 PM    Integration of Welltest Data with Geologic Models
*Chen Li* (15 min.)

4:15  PM    Identification and Preservation of Large Scale Reservoir Continuity from Production Data
*Morteza Khodabakhshi (20 min.)*

4:35  PM    Discussion and Wrap-up
*Michael J. King and Akhil Datta-Gupta, Texas A&M University (45 min.)*

5:20  PM    Adjourn/Reception

6:15  PM    Dinner

## DAY 2 – Friday, November 8, 2013

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    Fast Marching
*Muhammed Al-Rukabi and Jixiang Huang*

10:15 AM    Break

10:30 AM    SWIFT: Upgridding and Upscaling
*Krishna Nunna*

11:30 AM    GLOBAL: Global Updates
*Aditya Vyas/ Zheng Zhang*

12:30 PM    Lunch and Adjourn