

RPSEA ONSHORE TECHNOLOGY WORKSHOP

Interactive Workshop Focusing on Induced Seismicity

November 4, 2015

Houston Marriott South at Hobby Airport

9100 Gulf Freeway

Houston TX 77017



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WORKSHOP AGENDA

- 7:30 AM** **Continental breakfast and registration**
- 8:30 **Workshop Introduction – Onshore Research Challenges**
Kent Perry, RPSEA
- 8:45 **RPSEA Update**
Paul Doucette, GE, RPSEA Chairman
- 9:00 **Oklahoma Seismicity: A regional Geological and Historical Perspective**
Dr. Randy Keller
- 9:45** **Break**
- 10:15 **Relationships between Induced Seismicity and Fluid Injection: Development of Strategies to Manage Fluid Disposal in Shale Hydrocarbon Plays**
Dr. Cliff Frohlich, Jackson School of Geosciences, University of Texas at Austin
- 11:00 **IOGCC Induced Seismicity “States First” Overview**
Carl Michael Smith, Executive Director, Interstate Oil and Gas Compact Commission
- 11:45** **Lunch**
- 1:00 **A Probabilistic Geomechanical Analysis of Fault Slip in Oklahoma**
Rall Walsh, Stanford University
- 1:45 **4D Integrated Study Using Geology, Geophysics, Reservoir Modeling & Rock Mechanics to Develop Assessment Models for Potential Induced Seismicity Risk**
Dr. Jeremy Boak, Oklahoma Geologic Survey/University of Oklahoma

- 2:30** **Break**
- 3:00 **Geomechanical Modeling of Hydraulic Fracture Induced Seismicity**
Shawn Maxwell President, Itasca Microseismic and Geomechanical Evaluation
- 3:45 **Induced Seismicity**
William R. Keller, Ph.D. Chief Geophysicist, Director - Geoscience Technology EnerVest, Ltd.
- 4:15 **Panel Discussion with Presenters and Workshop Participants on Need for Induced Seismicity Outreach and Research as Time Allows**
- 4:45 **Adjourn**

REGISTRATION

There is a small fee to cover included lunches. Registration is required. Register at www.rpsea.org/events/491.