

Program



Wednesday, May 5, 2010

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| 7:30 am - 8:30 am | Registration and Continental Breakfast |
| 8:30 am - 8:40 am | Welcome and Opening Remarks Thomas M. Johnson, PhD, CPG, Moderator - Alpha Geoscience, Inc. Peter Muller, PhD, CPG, Moderator - Alpha Geoscience, Inc. |
| 8:40 am - 9:10 am | Shale Development: Economic and Policy Perspectives John P. Martin - NYSERDA |
| 9:10 am - 9:40 am | Separating Fact From Fiction: Careful Hydrogeologic Evaluation May Protect Against Unfair and Baseless Domestic Supply Impact Allegations Mark W. Eisner, PG - Advanced Land and Water, Inc. |
| 9:40 am - 10:10 am | Effective Treatment of Flowback Brine at a New York Crystallizer Plant Jay N. Smith - Salt Water Solutions |
| 10:10 am - 10:40 am | Break and Visit Exhibits |
| 10:40 am - 11:10 am | Utica Shale Formation, Flowback Water Baseline Testing and Disposal Rich Nyahay - Gastem-USA and Strategic Environmental, LLC |
| 11:10 am - 11:40 am | Water Resource Issues Related to Hydraulic Fracturing in the Marcellus Shale Region David Alleman - ALL Consulting |
| 11:40 am - 12:10 pm | Regulation of Growing Demands for Water Withdrawals in the Susquehanna River Basin Paula Ballaron - Susquehanna River Basin Commission |
| 12:10 pm - 1:30 pm | Luncheon Keynote Speaker Albert B. Yost II - Technology Manager for Exploration and Production Research, US Department of Energy, National Energy Technology Laboratory (NETL) <i>NETL Contributions to the Nation's Unconventional Gas Technology Portfolio</i> |

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| 1:30 pm - 2:00 pm | What's "New" in New York? The Status of Permitting Horizontal Drilling and High-Volume Hydrofracturing Jean M. Neubeck - Alpha Geoscience |
| 2:00 pm - 2:30 pm | Water Recovery, Recycling, and Environmental Mitigation/Alternative Use of Brackish Coal Bed Methane Produced Water for Production and Well Completion Purposes Allan Sattler - Sandia National Laboratories |
| 2:30 pm - 3:00 pm | Shale Gas Produced Water Recovery and Recycling: Opportunities and Challenges Matthew E. Mantell, PE - Chesapeake Energy Corporation |
| 3:00 pm - 3:30 pm | Break and Visit Exhibits |
| 3:30 pm - 4:00 pm | The Fate and Transport of Uranium in Marcellus Shale Tracy L. Bank - Department of Geology, University of Buffalo |
| 4:00 pm - 4:30 pm | Addressing the Impact of NORM on Marcellus Shale Drilling Andrew Lombardo, CHP - Safety and Ecology Corporation |

Thursday, May 6, 2010

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| 7:30 am - 8:30 am | Registration and Continental Breakfast |
| 8:30 am - 9:00 am | Recent Earthquakes Near Dallas-Fort Worth, Texas Cliff Frohlich - University of Texas at Austin |
| 9:00 am - 9:30 am | An Environmental Discussion of Hydraulic Fracturing in the Marcellus Shale David Alleman - ALL Consulting |
| 9:30 am - 10:00 am | Environmental Issues for Permitting Shale Gas Development: Lessons Learned Daniel Tormey, PhD, PG - ENTRIX Inc. |

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Thursday, May 6, 2010

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| 10:00 am - 10:30 am | Break and Visit Exhibits |
| 10:30 am - 11:00 am | Not All Fractures Are Created Equal - Using Natural Fracture Systems to get the Most out of Your Hydrofracturing Program Paul Washington, PhD - SUNY Oneonta |
| 11:00 am - 11:30 am | Predicting the Role of Natural Fractures in Hydraulic Fracturing Treatment of Gas Shales Using Discrete Fracture Network Models Thomas W. Doe, PhD, LG, LEG, LHG - Golder Associates, Inc. |
| 11:30 am - 12:00 noon | Interpretation and Simulation of Borehole Tests Conducted in Valhall Chalk Reservoir, Norwegian North Sea Cristian Enachescu - Golder Associates, Inc. |
| 12:00 noon - 1:30 pm | Lunch - On Your Own |
| 1:30 pm - 2:00 pm | Using Real Time Microseismic Monitoring to Optimize Your Completions Kirby Walker - Schlumberger |
| 2:00 pm - 2:30 pm | Development of Proppants for Hydrofracturing in Oil and Natural Gas Bearing Shales John R. Hellmann - Pennsylvania State University |
| 2:30 pm - 3:00 pm | Denise Tuck, PE - Halliburton |
| 3:00 pm - 3:30 pm | Break and Visit Exhibits |
| 3:30 pm - 4:00 pm | Maximizing Friction Reduction Performance Using Flow Back Water and Produced Water for Waterfrac Applications Jason Bryant - Halliburton |
| 4:00 pm - 4:30 pm | Sustainable Management of Flowback Water From the Marcellus Shale Elise Barbot, PhD - University of Pittsburgh |