

2008 North American Environmental Field Conference & Exposition

INDOOR WORKSHOP SCHEDULE

MONDAY, JANUARY 14, 2008

(Attendance at All Workshops is Included in Your Conference Registration Fee)

8:30 a.m. – Noon

Two Concurrent Workshops

Best Management Practices for Efficient Sampling Program Design (Part 1 of an 8-Hour Workshop)

Deana Crumbling, *US Environmental Protection Agency, Washington, DC*; Robert Johnson, *Argonne National Laboratory, Argonne, IL*

Introduction to Surfactant Remediation Technology

George Ivey, *Ivey International Inc.*

Noon – 1:00 p.m.

Lunch Break

1:00 p.m. – 5:30 p.m.

Three Concurrent Workshops

Best Management Practices for Efficient Sampling Program Design (Part 2 of an 8-Hour Workshop)

Deana Crumbling, *US Environmental Protection Agency, Washington, DC*; Robert Johnson, *Argonne National Laboratory, Argonne, IL*

Anaerobic Attenuation of Petroleum Hydrocarbons in the Subsurface: Characterization and Enhancement of Natural Processes

Lyle Bruce and Arati Kolhatkar, *BP Remediation Management, Warrenville, IL*

Passive Sampling: An Effective, Cost-Saving Approach to Long-Term Ground-Water Monitoring

Sanford Britt, *ProHydro Inc., Fairport, NY (Session Moderator)*

Speakers and Panelists Include:

Don Vroblesky, *US Geological Survey, Columbia, SC*

Kent Cordry, *GeoInsight, Inc., Las Cruces, NM*

Louise Parker, *US Army CRREL; Hanover, NH*

Raymond Franson, *Missouri Dept of Natural Resources, Columbia, MO*

Kim Ward, *New Jersey Dept of Environmental Protection, Trenton, NJ*

George Nicholas, *New Jersey Dept of Environmental Protection, Trenton, NJ*

Brad Varhol, *EON Products, Stone Mountain, GA*

Mike Wilson, *Columbia Analytical Services, Rochester, NY*

1:00 p.m. – 3:00 p.m.

Ground-Water Purging and Sampling Methods: Passive to Aggressive

David Kaminski, *QED Environmental Systems Inc., Clayton, CA*

3:00 p.m. – 5:30 p.m.

Applications of Field Data in Ground-Water Contamination, Risk Assessment, Remediation and Wellhead Protection

Robert Cleary, *Princeton Groundwater, Tampa, FL*

5:30 p.m. – 7:30 p.m.

WELCOME RECEPTION

(In the Indoor Exhibit Hall)

TUESDAY, JANUARY 15, 2008

8:00 a.m. – Noon

Advanced Design Application and Data Analysis for FP-XRF in Soil Matrices (Part 1 of an 8-Hour Workshop)

Deana Crumbling and Stephen Dymont, *US Environmental Protection Agency, Washington, DC*; Robert Johnson, *Argonne National Laboratory, Argonne, IL*; Dennis Kalnicky, *Lockheed Martin Information Systems & Global Services, Edison, NJ*

8:00 a.m. – 10:00 a.m.

Two Concurrent Workshops

Detection and Control of Indoor Vapors

Duane Winegardner and Chris Schaefer, *Cardinal Engineers, Norman, OK*

Barometric Effects on Ground-Water Level Data

David Wardwell, *In-Situ, Inc., Fort Collins, CO*

10:00 a.m. – Noon

Two Concurrent Workshops

What's Eating Your Pump? Choosing the Right Pump for Remediation and Landfill Applications

David Kaminski, *QED Environmental Systems, Inc., Clayton, CA*

Direct-Push Logging and Methods for Measurement of Permeability

Wesley McCall and Steve Knobbe, *Geoprobe Systems, Salina, KS*

Noon – 1:00 p.m.

Lunch Break

(Lunch Provided in the Indoor Exhibit Hall)

1:00 p.m. – 5:30 p.m.

Two Concurrent Workshops

Advanced Design Application and Data Analysis for FP-XRF in Soil Matrices (Part 2 of an 8-Hour Workshop)

Deana Crumbling and Stephen Dymont, *US Environmental Protection Agency, Washington, DC*; Robert Johnson, *Argonne National Laboratory, Argonne, IL*; Dennis Kalnicky, *Lockheed Martin Information Systems & Global Services, Edison, NJ*

Practical Karst Hydrogeology With Emphasis on Ground-Water Monitoring

Ralph Ewers and Peter Idstein, *Ewers Water Consultants, Richmond, KY*

1:00 p.m. – 3:00 p.m.

Deep Ground-Water Deployment Techniques for Oxygen Release Agents

Jim Mueller, *Adventus Americas Inc*; Mitch Brouman, *Beazer East Inc.*

3:00 p.m. – 5:30 p.m.

Introduction to Extensible Markup Languages and Their Use in Environmental Restoration Projects

Richard Hammond, *US Environmental Protection Agency, Region 4, Atlanta, GA*

5:30 p.m. – 7:30 p.m.

SOCIALIZER

(In the Indoor Exhibit Hall)

WEDNESDAY, JANUARY 16, 2008

8:00 a.m. – 10:00 a.m.

Taking the Obstacles Out of Remote Water-Level Monitoring

Kirsten Cooper, *Solinst Canada Ltd.*

8:00 a.m. – 9:00 a.m.

Advanced Methods of Direct Push Drilling Technology for Environmental Remediation and Geotechnical Site Investigations/Activities

Thomas Dalzell, *AMS, American Falls, ID*; Kjell Elmgren, *Envi, Alingsas, Sweden*

9:00 a.m. – 10:00 a.m.

Mass Flux Distribution Using the High-Resolution Piezocone and GMS and Innovative Cost-Effective Ground-Water Monitoring Well Design

Mark Kram, *US Navy, Port Hueneme, CA*; Norm Jones, *Brigham Young University*; Jessica Chau, Gary Robbins and Amvrossios Bagtzoglou, *University of Connecticut*; Jeff Farrar, *US Bureau of Reclamation*; Thomas Dalzell, *AMS*

10:00 a.m. – Noon

Two Concurrent Sessions

Direct-Push Site Characterization of NAPL with Laser-Induced Fluorescence

Randy St. Germain and Travis Martin, *Dakota Technologies Inc., Fargo, ND*

Wireless Telemetry Made Easy

Gregg Gustafson, *Instrumentation Northwest, Kirkland, WA*

Noon – 12:30 p.m.

CLOSING SESSION AND CONFERENCE ADJOURNMENT

Gillian Nielsen, *Nielsen Environmental Field School, Las Cruces, NM*