

# **Advances in Air Pollution Control Technology**

Montgomery Park  
1800 Washington Blvd. \* Baltimore, MD 21230  
May 18-19 2011

## **Agenda**

### General Objectives:

- Facilitate interaction between equipment suppliers and regulatory personnel.
- Improve MARAMA agencies' understanding of the current source monitoring and control equipment.

### **WEDNESDAY, MAY 18, 2011**

- 9:00    **Registration**
- 10:00    **Overview and Introductions**
- 10:15    **State Roundtable: Perspective on Technology Issues in Permitting an Industrial Source**  
*State Permitting Staff from each agency represented at the workshop*
- 11:15    **Existing and Upcoming Environmental Requirements for the Industrial and Utility Sectors particularly Boiler MACT**  
*Ray Chalmers, USEPA Region 3*
- 12:00    **Lunch on your own.**
- 1:00    **NOX Emission Control Options for ICI Boilers**  
*John M. Boyle, Ph.D., Fuel Tech*
- 1:30    **Advances in Activated Carbon Injection Technology for Mercury Control**  
*Richard Miller, ADA-ES*
- 2:00    **Multi-pollutant Emission Reduction Technology for Small Utility Boilers**  
*Lew Benson, NalcoMobotc*
- 2:30    **Break**
- 2:45    **Direct Sorbent Injection for Acid Gas Mitigation for Industrial Boilers**  
*Michael Schantz, Lhoist Group & Paul Jones, Solvay Chemicals, Inc.*
- 3:15    **Circulating Dry Scrubber Technology Applicability for Industrial and Small Utility Boilers**  
*Justin P. Chenevey, Babcock & Wilcox*
- 3:45    **Optimized Cyclone Performance – Wood Waste**  
*Rich Grzanka, Anguil Environmental*

4:15 **Controlling Mercury Emissions from a Cement Kiln: Mercury Roaster Technology**

*Peter Paone, FLSmidth Minerals Inc.*

4:45 **Wrap-Up – What did we learn?**

*MARAMA*

### **THURSDAY, MAY 19, 2011**

7:30 **Registration**

8:15 **Reconvene & Review Agenda for the Day**

8:30 **NOX Control for Stationary Engines**

*Wilson Chu, Johnson Matthey, SSEC*

9:00 **Oxidation Technologies for Stationary Rich and Lean Burn Engines**

*Bill Hizny, BASF Corporation*

10:00 **Break**

10:20 **Emission Control Equipment Costs**

*Jim Staudt, Andover Technologies Partners*

10:50 **Acid Gas Monitoring Techniques**

*Ty Smith, Cemtek Instruments*

11:20 **Portable Analyzers for Stationary engines and other Industrial Applications**

*Drew Wilson, ECOM America Ltd.*

11:50 **Fugitive Emission Detection Using Toxic Vapor Analyzers (TVA)**

*Bob Francis, Thermo Fisher Scientific*

12:20 **Workshop Wrap-Up and Instructions for Site Visit**

*MARAMA*

1:00 – 5:00 **Site Visit to Constellation Fort Smallwood Electric Generating Facility**

*Host: Edwin Much*

*Bus will leave Montgomery Park Parking Lot at 1:30 PM.*