

TRACK B ADVISORY BOARD



An excellent "must attend" training session for experts and operators of CEMs. This Track includes EPA policy and procedures for accurate monitoring, reporting, and auditing of emissions pursuant to Part 75 of the Acid Rain Program and the Clean Air Interstate Rule. Presentations on how to submit monitoring plans, QA/QC tests, and Emissions & Generation Resource Integrated Database (eGRID).

Other expert presentations and programs include MATS, egrid, RATA, Appendix D & E, Electronic Monitoring data, QA/QC program for Cylinder gases, AQ and fence line monitoring, and modeling.

Monday | 1PM - 3PM

B1. CEMS & PEMS

B1.1 IMPACTS OF EPA REGION 6 GUIDANCE ON CMS DOWNTIME & DATA CALCULATION

JP Kleinle, Project Manager, ALL4

B1.2 ULTRA-LOW PPM NH3 & NOX MEASUREMENTS MADE RELIABLY WITH QCL

Dave McMillen, Business Development Manager, Emerson Automation Solutions; Jesse Underwood, Dr. Paul Miller

B1.3 LOW COST CEMS THAT DON'T NEED NO2 CONVERTERS

Robert Mallowney, Director of CEMs Systems, Ohio Lumex

B1.4 REAL-WORLD EMISSIONS - LATEST RESULTS

Nick Molden, Founder & CEO, Emissions Analytics

B1.5 STACK GAS ANALYSIS BY TUNABLE DIODE LASER (TDL) ANALYSIS

Frank DeThomas, Vice President Process & Environmental, HORIBA Instruments, Inc.

B1.6 DEVELOPMENT, CERTIFICATION AND OPERATION OF A PEMS

Richard Hovan, Director-EIS Business Development, Wunderlich-Malec; Jennifer Fantich

Monday | 3:30PM - 5:30PM

B2. MONITORING, TESTING & INSTRUMENTATION

B2.1 INTRODUCTION OF THE PTR-TOF-MS INTO COMPLIANCE TESTING

Peter Zemek, SVP Emerging Technologies, Montrose Environmental, Inc.

B2.2 RICE & CT UNITS PERFORMANCE TESTING CONSIDERATIONS

Holly Hills, Senior Environmental Engineering Associate, Sargent & Lundy, Emily Kunkel

B2.3 CEMS: DESIGN, BUILD AND INSTALLATION CONSIDERATIONS

Larry LaFrance, AQ/Measurement Section Manager, AECOM, Frank Tringale, Phaneendra Uppalapati

B2.4 UTILIZING TUNABLE LASER SPECTROSCOPY (TDL) FOR NH3 COMPLIANCE

Gary Cacciatore, Midwest Regional Sales Manager, Cemtek KVB-Enertec

B2.5 SOURCES OF SO2 ANALYSIS INACCURACY IN LOW-SO2, HIGH-HUMIDITY SAMPLING

Craig Sunada, Vice President, Product Development, Perma Pure, LLC.

B2.6 NEW DEVELOPMENTS IN PROTON TRANSFER REACTION MASS SPECTROMETRY (PTR-MS)

Steve LaZar, Business Development Consultant, The RJ Lee Group

B2.7 EPA'S ELECTRONIC REPORTING TOOL (ERT)

Kathleen (Katie) Shonk, Quality Manager, Air Quality Services, LLC.

Tuesday | 7:30AM - 9:30AM

B3. MONITORING, TESTING & INSTRUMENTATION

B3.1 ADVANCES IN CONDENSABLE PARTICULATE MATTER MEASUREMENT

David Elam, Vice President & Project Director, TRC

B3.2 TUNABLE DIODE LASER (TDL) FOR STACK GAS ANALYSIS

Frank DeThomas, VP Process and Environmental, Horiba Instruments, Inc.

B3.3 A STATE'S DILEMMA - REGULATING NH3 CEMS SYSTEM

Barbara Marshik, Global POver & Emissions Market Segment Manager, Servomex

B3.4 SMART SAMPLE HANDLING SYSTEMS FOR CEMS AND PMS

Philipp Zimmer, Area Sales Manager, JCT Analysentechnik GmbH

B3.5 FACTORS AFFECTING PERFORMANCE OF NAFION DRYERS WITH SO2 AND NOX

Gene Bohensky, Director, Application/Partner Learning, Perma Pure, LLC.; Craig Sunada

B3.6 FLOW MONITOR K-FACTOR CALCULATIONS

Cindy Whitaker, Manager, Air Monitoring & Testing, Environmental Affairs, Louisville Gas & Electric - Kentucky Utilities; Matt Gentry, Airflow Sciences

Tuesday | 10AM - 12PM

B4. DATA MGMNT & SOFTWARE, LOGGERS, DAHS

B4.1 NEW FLEXIBLE CROSS PLATFORM SOLUTION FOR DAHS AND OPERATOR WORKPLACE

Nadezhda Semeniaka, CEO, LLC LOGOSGRUP

B4.2 THE EVOLUTION OF PART 75 OF DATA MANAGEMENT AND REPORTING

Katie Lindblom, Business Development, Trace Environmental Services; David B. Martin

Tuesday | 1:00PM - 3:00PM

B5. AIR QUALITY MODELING

B5.1 DISPERSION MODELING FOR STRATEGIC ANALYSIS OF SO2 COMPLIANCE

George Schewe, Principal Meteorologist/Consultant, Trinity Consultants

B5.2 BUOYANT LINE SOURCE IMPLEMENTATION ISSUES IN AERMOD

Richard Hamel, Air Quality Meteorologist, ERM

Tuesday | 3:30PM - 5:30PM

B6. DRONES AND ADVANCED TEC

B6.1 DRONES IN DENIED ENVIRONMENTS - OVERVIEW OF WHAT IS POSSIBLE

Bruce Arvizu, Sr. Partner, Airworks Productions

B6.2 DRONES, SENSORS AND OTHER EMERGING TECHNOLOGIES OF USE IN UTILITIES

Bruce Arvizu, Sr. Partner, Airworks Productions; Eric Pacheco

B6.3 AEROCEMS - USING UNMANNED AERIAL VEHICLES (UAV'S) FOR STACK TESTING

Geoffrey Klotz, President, CEMS Experts

Wednesday | 7:30AM - 9:30AM

B7. MONITORING & INSTRUMENTATION

B7.1 LASER UPDATE FOR CROSS DUCT AND OPEN PATH MEASUREMENT

Bernadette Shahin, National Applications Manager, M&C TechGroup North America

B7.2 HG, AS AND SE DETERMINATION BY PHOTOCHEMICAL VAPOUR GENERATION - AFS

Shawn Lancaster, App. Chemist, PS Analytical, Warren Coms, Eva Krupp, Joerg Feldmann

B7.3 VALIDATION OF AN OPEN-PATH, LASER DISPERSION SPECTROSCOPY (LDS) FOR ME

Graham Leggett, VP, Business Development, MIRICO Limited; Neil MacLeod, RAL Space; Damien Weidmann, Arun Kannath, MIRICO

B7.4 IMPLEMENTING A SUCCESSFUL START-UP PERFORMANCE TESTING PROGRAM

Dan Grabowski, Project Director, TRC Environmental Corporation; Anthony Sakellariou

Wednesday | 10AM - 12PM

B8. AQ & FENCELINE MONITORING

B8.1 AIR QUALITY MONITORING SYSTEM FOR CHALLENGING LOCATIONS

Roland Zepeck, Sales Director, JCT Analysentechnik GmbH

B8.2 DATA MANAGEMENT FOR EMISSIONS, FENCELINE AND COMMUNITY MONITORING

Andrew Montz, Owner, DR DAS Ltd.