



42nd Stationary Source Sampling and Analysis for Air Pollutants Preliminary Technical Program

Honorary Conference Chair
Jon Hays Sr. (1965-2017)

Conference Chair: Matt Swanson
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Conference Co-Chair: Jason DeWees
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1. How Did We Get Here? (Sunday, 3/25/18, PM)

Session Chair: **Thomas Dunder**
tdunder@trcsolutions.com
Session Co-Chair: **Angela Hansen**
ahansen@montrose-env.com

An overview of the development of stack testing as changes in regulation, introduction of new technologies, and application to new sources formed the industry as we know it today.

2. EPA Highlights (Monday, 3/26/18, AM)

Session Chair: **Ned Shappley**
shappley.ned@epa.gov
Session Co-Chair: **Kevin McGinn**
mcginn.kevin@epa.gov

EPA staff will provide a summary of the past years' key developments in air emissions measurement and monitoring techniques, tools, and policy from the EPA's Office of Air Quality Planning and Standards, as well as papers highlighting new and developing projects.

3. Ambient Air Quality (Monday, 3/26/18, PM)

Session Chair: **Pete Pakalnis**
palkanis@lehder.com

Session Co-Chair: **Steve Hall**
shall@spectrumenvsoln.com

A session on how evolving national ambient air quality standards, permit limits and risk reviews are impacting emission testing requirements. Presentations will address topics such as fence-line, community, or PSD/NSR monitoring, and dispersion modeling.

4. Instrumental Measurement Issues (Tuesday, 3/27/18, AM)

Session Chair: **Ilya Alimov**
ialimov@trcsolutions.com
Session Co-Chair: **Art Dean**
adean@montrose-env.com

A session on the challenges, advances or insights related to instrumental measurement technology. Presentations will address issues with difficult sources, low level measurement challenges and new instrument technologies.

5. Reporting (Tuesday, 3/27/18, PM)

Session Chair: **Rudi Muenster**
rudi.muenster@vimtechnologies.com
Session Co-Chair: **Steve Norfleet**
norfleet@rmb-consulting.com

A look at all aspects of reporting from traditional reports to e-reporting as well as industry requirements and perspectives.

6. Innovative Technology (Wednesday, 3/28/18, AM)

Session Chair: **Marty Spartz**
m.spartz@maxanalytical.com
Session Co-Chair: **Jeff Ryan**
ryan.jeff@epa.gov

A look at new and emerging technologies that may be used or are currently being used for testing outside of traditional instrumentation/methods.

7. VOC and Organic HAPs (Wednesday, 3/28/18, PM)

Session Chair: **Bryan Tyler**
bryan.tyler@enthalpy.com
Session Co-Chair: **Richard Lambert**
lambert_richard_h@lilly.com

There are many applications that require Volatile Organic Compounds (VOCs) and Organic Hazardous Air Pollutants (OHAPs) measurements and numerous methods available to be used based on the analyte, source conditions/matrix and detection limit requirements. This session will discuss the implementation of existing, modified, as well as new methods, and take a holistic approach to existing and future measurements.

8. Particulate Measurement (Thursday, 3/29/18, AM)

Session Chair: **Sean Warden**
richard.s.warden@dom.com
Session Co-Chair: **Dave Nash**
nash.dave@epa.gov

A discussion of the challenges, advances, or insights related to particulate measurement including PM_{2.5}, condensable PM, and PM CEMS.

9. Laboratory Methods and Best Practices (Thursday, 3/29/18, PM)

Session Chair: **Ron McLeod**
ron.mcleod@alsglobal.com
Session Co-Chair: **William Anderson**
william.anderson@testamericainc.com

Presentations will discuss best practices and how to optimize test methods and interactions with laboratories to achieve the best data quality possible. A variety of test methods will be covered possibly including acid gases, VOCs, SVOCs, metals, cyanide, and/or aldehydes.

10. ASTM Methodology (Friday, 3/30/18, AM)

Session Chair: **David Elam**
delam@trcsolutions.com
Session Co-Chair: **Anna Gray**
anna.gray@dnr.ga.gov

Presentations will discuss ASTM methods and workgroups. The topics will cover the ASTM structure and mission, participation in ASTM, NTA, ASTM standards current practice, implementation of ASTM standards, potential future workgroups, etc.

11. Poster Sessions

Session Chair: **Phil McMaster**
pmcmaster@cemteks.com
Session Co-Chair: **Troy Burrows**
tburrows@montrose-env.com

Poster sessions will be held during the session breaks. Poster topics can include late-breaking news and research. We would like to include multimedia or interactive display posters. The poster sessions can be used to expand on some topics presented during the other sessions.

12. Safety Shorts

Session Chair: **Eric Ehlers**
eehlers@mp-mail.com
Session Co-Chair: **Jeff Thomason**
jthomason@trcsolutions.com

Each of the 10 sessions will start with a five-minute Safety Short incorporating a number of thought-provoking short safety lessons, tips, tricks, reminders, suggestions, experiences, ideas and nightmares. This 10-part session is intended for us to share ways to more conveniently, efficiently and habitually weave safety into our working habits.