



## 42<sup>nd</sup> 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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### 1. How Did We Get Here? (Sunday, 3/25/18, PM)

Session Chair: **Thomas Dunder**  
[tdunder@trcsolutions.com](mailto:tdunder@trcsolutions.com)  
Session Co-Chair: **Angela Hansen**  
[ahansen@montrose-env.com](mailto: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](mailto:shappley.ned@epa.gov)  
Session Co-Chair: **Kevin McGinn**  
[mcginn.kevin@epa.gov](mailto: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](mailto:palkanis@lehder.com)  
Session Co-Chair: **Steve Hall**  
[shall@spectrumenvsoln.com](mailto: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. VOC and Organic HAPs (Tuesday, 3/27/18, AM)

Session Chair: **Bryan Tyler**  
[bryan.tyler@enthalpy.com](mailto:bryan.tyler@enthalpy.com)  
Session Co-Chair: **Zach Hedgpeth**  
[hedgpeth.zach@epamail.epa.gov](mailto:hedgpeth.zach@epamail.epa.gov)

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.

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

Session Chair: **Rudi Muenster**  
[rudi.muenster@vimtechnologies.com](mailto:rudi.muenster@vimtechnologies.com)  
Session Co-Chair: **Steve Norfleet**  
[norfleet@rmb-consulting.com](mailto: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](mailto:m.spartz@maxanalytical.com)  
Session Co-Chair: **Jeff Ryan**  
[ryan.jeff@epa.gov](mailto: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. Instrumental Measurement Issues (Wednesday, 3/28/18, PM)

Session Chair: **Ilya Alimov**  
[ialimov@trcsolutions.com](mailto:ialimov@trcsolutions.com)  
Session Co-Chair: **Art Dean**  
[adean@montrose-env.com](mailto: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.

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

Session Chair: **Sean Warden**  
[richard.s.warden@dominionenergy.com](mailto:richard.s.warden@dominionenergy.com)  
Session Co-Chair: **Dave Nash**  
[nash.dave@epa.gov](mailto:nash.dave@epa.gov)

A discussion of the challenges, advances, or insights related to particulate measurement including PM<sub>2.5</sub>, condensable PM, and PM CEMS.

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

Session Chair: **Ron McLeod**  
[ron.mcleod@alsglobal.com](mailto:ron.mcleod@alsglobal.com)  
Session Co-Chair: **William Anderson**  
[william.anderson@testamericainc.com](mailto: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.

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

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

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

### 4. Poster Sessions

Session Chair: **Phil McMaster**  
[pmcmaster@cemteks.com](mailto:pmcmaster@cemteks.com)  
Session Co-Chair: **Tate Strickler**  
[tstrickler@montrose-env.com](mailto:tstrickler@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.

### 5. Safety Shorts

Session Chair: **Eric Ehlers**  
[eehlers@mp-mail.com](mailto:eehlers@mp-mail.com)  
Session Co-Chair: **Jeff Thomason**  
[jthomason@trcsolutions.com](mailto: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.