



Source Evaluation Society

*P. O. Box 12124
Research Triangle Park,
North Carolina 27709*

CALL FOR ABSTRACTS

2020 SSSAAP TECHNICAL CONFERENCE

Conference Chair: Eric Ehlers – eric.ehlers.ses@gmail.com

Conference Co-Chair: Wade Bice - jwbice@southernco.com

The 44th Stationary Source Sampling and Analysis for Air Pollutants Conference will be held **April 5-10, 2020 at the Sheraton Panama City Beach Golf & Spa Resort**. This conference series is the premiere technical forum for professionals engaged in all aspects of sampling and analysis of air pollutants as well as those relying on the measurements for regulatory and engineering decisions. Attendees include representatives from industrial facilities, government agencies, research organizations, air testing companies, equipment manufacturers, and analytical laboratories. The agenda is specific to emission measurement technology, procedures, and policy.

Interested presenters should submit a half-page abstract (200-300 words) of your proposed technical presentation or poster session before October 4, 2019. Earlier submittals are encouraged. The conference is organized into technical sessions. A brief preliminary description of each session is presented below. Prepare your abstract and submit it by e-mail to the session chairs AND to the conference chairs:

Eric Ehlers – eric.ehlers.ses@gmail.com and Wade Bice - jwbice@southernco.com

You will find additional conference details and registration information as they become available at the Source Evaluation Society website: www.sesnews.org. SES membership is not necessary to attend or speak at the conference, but it is encouraged.

October 4, 2019

Abstract Submission Deadline

April 5-10, 2020

Conference Date

Challenging Sampling Situations and Innovative Test Techniques

Session Chair: Bill Hefley, hefleybl@oge.com
Jordan Laster, Jordan.laster@stacktest.com

This session will discuss stack testing programs that are developed for unique and challenging testing environments ranging from issues with location access, location ambient conditions, and difficult compounds to measure based upon the stack matrix and the innovative techniques employed to safely and successfully complete the test program.

EPA Highlights

Session Chair: Gerri Garwood, garwood.gerri@epa.gov
Ned Shapple, shapple.ned@epa.gov

EPA staff will provide a summary of the past year's key developments in air emissions measurement and monitoring techniques, tools, and policy from EPA's Office of Air Quality Planning and Standards, as well as papers highlighting new and developing projects. EPA does not need outside abstracts for this session, but please feel free to forward presentation ideas to the session chairs.

Back to Basics

Session Chair: Brian Story, brian.story@erm.com
Kurt Wepprecht, kwepprecht@montrose-env.com

Papers in this session will discuss the foundations of stack sampling and employing the basic principles of stack testing in order to complete test programs safely and efficiently while providing clients with the highest quality data.

Particulate Matter

Session Chair: Jim Guenthoer, jguenthoer@cleanair.com
Derek Sain, dsain@ncasi.org

This session will focus on challenges and advancements associated with PM measurement. Of particular interest are issues associated with condensable PM, PM_{2.5}, and PM CEMS. Of additional interest are PM speciation methods that can be used to assess how PM composition is affected by different operating conditions or measurement approaches.

Emerging Compounds and Technologies

Session Chair: Josh Childers, jchilders@cleanair.com
Pete Zemek, pzemek@montrose-env.com

This session will focus on compounds that are a recent focus for state and federal agency personnel. Papers will include point source and ambient monitoring and testing of these compounds as well as control technologies designed to reduce emissions of these compounds.

Industry Focus

Session Chair: John Buresh, john.f.buresh@xcelenergy.com
Phil McMaster, pmcmaster@cemteks.com

This session will focus on a few industries and the challenges they face today and will face in the future in order to maintain compliance with an ever-changing environmental policy landscape.

Reporting

Session Chair: Rudi Muenster, rudi.muenster@vimtechnologies.com
Angela Hansen, ahansen@montrose-env.com

This session will incorporate a variety of aspects of data reporting, including but not limited to state and federal agencies utilizing data acquisition handling systems, emission test reporting through the electronic reporting tool, as well as the handling of plant instrumentation data to set operational limits on facilities and to optimize processes.

Instrumental Measurements, Quality Assurance, and Validation of FTIR Data

Session Chair: Ilya Alimov, ialimov@trccompanies.com
Laura Kinner, lkinner@mindspring.com

This session will be divided into two sections; the first section will present data gathered in effort to solve real time testing, monitoring and control issues at industrial facilities using various instrumental techniques, which are used to provide data in real time.

The second part of this session will address relatively new requests by regulatory agencies for raw FTIR spectral test data, corresponding manufacturer software, reference spectra, and quantification programs (“recipes”). Three presenters will describe; 1) A Regulatory Agency’s efforts to post-test validate FTIR data, 2) A tester’s perspective to releasing FTIR data to agencies for post-test review, and 3) Industry concerns about the standardization of this approach and potential uses of FTIR for future data gathering efforts.

Ambient

Session Chair: Jeff Ryan, ryan.jeff@epa.gov
Tina Sanderson, tsanderson@ortech.ca

This session will include discussions on ambient air quality standards, and how those standards impact air emission testing. Papers will cover the risk assessment process as well as methods and procedures to determine ambient concentrations of a variety of compounds.

Flash Presentations

Session Chair: Ron McLeod, ron.mcleod@alsglobal.com

Papers in this session will range from 5-15 minutes in length and cover a wide spectrum of subject matter as it relates to stack testing.

Poster Sessions

Session Chair: Tate Strickler, tstrickler@montrose-env.com

Poster sessions will be held during the session breaks and afternoon/evening social hours. 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 other sessions.

Safety Shorts

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

