



SOURCE
EVALUATION
SOCIETY

Source Evaluation Society

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

CALL FOR ABSTRACTS

2023 SSSAAP TECHNICAL CONFERENCE

Conference Chair: Wade Bice – jwbice@southernco.com

Conference Co-Chair: Tommy Leach - stillwaterselfbows@gmail.com

The 44th Stationary Source Sampling and Analysis for Air Pollutants Conference will be held **April 2 - 7, 2023 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 21, 2022. Earlier submissions are encouraged. The conference is organized into technical sessions. A brief preliminary description of each session is presented below. There are a number of sessions that are ideal for first time presenters, including the Back-to-Basics session, Flash Presentation session, Poster Presentations, and Safety Shorts. Prepare your abstract and submit it by e-mail to the session chairs AND to the conference chairs:

Wade Bice - jwbice@southernco.com and Tommy Leach - stillwaterselfbows@gmail.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 to join.

October 21, 2022
Abstract Submission Deadline

April 2-7, 2023
Conference Date

Challenging Sampling Situations and Innovative Test Techniques

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

This session will discuss stack testing programs that are created 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 complete the test program safely and successfully. program.

EPA Highlights

Session Chairs: Gerri Garwood, garwood.gerri@epa.gov
Walter Lin, lin.walter@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.

Calibration Gas Updates

Session Chairs: Jeff Ryan, ryan.jeff@epa.gov
Ned Shappley, shappley.ned@epa.gov

This session will include discussions on current issues related to calibration gases, NIST standards, and what the calibration gas vendors are currently facing in the standards arena.

Particulate Matter

Session Chairs: Jim Guenthoer, jguenthoer@cleanair.com
Zach Emerson, zemerson@ncasi.org

This session will focus on challenges and advancements associated with PM measurement. Of particular interest are issues associated with condensable PM and PM_{2.5}. 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 will be discussed.

Emerging Compounds

Session Chairs: Thorne Gregory, thorne.gregory@enthalpy.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. This session will focus on Ethylene Oxide and PFAS Compounds.

Industry Focus and Perspectives on Emissions Testing and Environmental Compliance

Session Chairs: David Ostaszewski, david.ostaszewski@stacktest.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.

Data Quality Improvement

Session Chairs: Rudi Muenster, rudi.muenster@vimtechnologies.com
Tate Strickler, tstrickler@montrose-env.com

This session will focus on ways that stakeholders can use Digital Transformation to enhance testing abilities and the reporting process to improve data quality.

Instrumental Measurements, Quality Assurance, and Validation of FTIR Data

Session Chairs: Ilya Alimov, ialimov@trccompanies.com
Sylvie Bosch-Charpenay, sylvie_bosch@mksinst.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.

Emerging Equipment Technology

Session Chairs: Richard Himes, rhimes@epri.com
Josh Childers, jchilders@cleanair.com

Session focuses on emerging measurement technologies and/or methods, and in the case of CEMS, how their application may fit within the existing regulatory framework. While new equipment offers the potential for lower detection limits, as well as the continuous measurement of additional compounds of interest within various emission sources and ambient air applications, current approaches may also reduce O&M costs associated with CEM systems. This session will present lab and/or field data, as available of emerging equipment technologies, associated pros and cons related to their application, while also evaluating the current and future impact of regulatory drivers on technology and methodology.

Flash Presentations

Session Chairs: Jonathan Cross, jonathan.cross@ohiolumex.com
Brian Story, bstory@yorkeengr.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 Chairs: Mark Waznys, mark@environmentallabs.com
Jesse Rocha, jesse.rocha@stacktest.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

Session Chairs: Bill Timpone, aircons@bellsouth.net
Arthur Eberle, Arthur.eberle@compliance-associates.com

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 weave safety more conveniently, efficiently, and habitually into our working habits.

Sincerely,

SSSAAP Team 2023

