



AUTOGRAPH COLLECTION®  
HOTELS

THE GRAND HOTEL GOLF RESORT & SPA  
ONE GRAND BOULEVARD  
POINT CLEAR, ALABAMA 36564  
PHONE: 1 (251) 928-9201  
HTTP://WWW.GRAND1847.COM

Imagine the height of service and luxury in one of the most genteel settings in the Deep South. The iconic Grand Hotel Golf Resort and Spa, now part of Marriott's prestigious "Autograph Collection", recently completed a multi million dollar transformation. The resort flows beautifully along the Eastern Shore of Mobile Bay in what is truly a one-of-a-kind location. What better place to enjoy 10 hydra tennis courts including a stadium court, golf on the challenging Dogwood golf course on the Robert Trent Jones Golf Trail, and the luxurious European-style newly transformed Grand Spa. Stroll through the picturesque marina filled with sailboats, yachts and fishing boats. Then enjoy the bay breezes along the beach and take a dip in the extraordinary pool complex or relax in a pool cabana.



The Grand Hotel Golf Resort and Spa has been known throughout the South as The Queen of Southern Resorts for more than 160 years. With rich and storied traditions steeped in both society and the military, this luxurious Alabama Gulf Coast resort overlooking scenic Mobile Bay, was originally built in 1847 and had just 40 rooms on two floors. Each afternoon the staff pays homage to the hotel's past with a military procession and cannon firing honoring its rich military history. Today the classic grandeur remains while modern updates and conveniences ensure guests will be comfortable and experience unparalleled, gracious Southern Hospitality! The Grand Hotel offers 405 newly transformed guestrooms, featuring views of the bay or gardens. No matter how time is spent, you will experience peace and serenity on 600 private acres in Point Clear. The Grand is a AAA Four Diamond Resort has been included in Conde Nast Magazine's rating of the Top 125 Golf Resorts and Alabama's Best Resort, Travel & Leisure's Top 500 Hotels in the World, Golf Digest's Top 50 Golf Courses for Women, and has also been recognized by Southern Living, USA Today and AAA Southern Traveler.

**Amenities Include:**

- 405 newly transformed Guestrooms nestled on over 600 secluded acres overlooking scenic Mobile Bay.
- Outdoor enthusiasts enjoy the putting green, croquet, horseshoes, beach volleyball, fishing from the Grand Pier, Hobie Cats, kayaks, bicycles, beaches, pool complex, feeding the Grand ducks, strolling the grounds or just lazing in a hammock.
- Nine food and beverage outlets on property including the new upscale, Farm-to-Table "Southern Roots", Bayside Grill Restaurants, Bucky's Lounge featuring nightly entertainment and the new 1847 Lounge.
- This grand beach resort boasts the challenging Dogwood golf course as part of the Robert Trent Jones Golf Trail, including full service Golf Shop and state-of-the-art driving range called "The Experience".
- The Spa at the Grand 20,000 square foot European style spa, featuring twelve treatment rooms, separate men's and women's lockers, relaxation "Quiet Rooms", steam and sauna rooms, whirlpools, indoor pool, fitness center and full service Spa Salon and Spa Boutique.
- Tennis Facility with 10 lighted courts: 9 Hydra, 1 Hard, stadium seating, Tennis professionals and full service Tennis Shop.
- 36 Slip Marina for chartering fishing, boating and sailing opportunities.
- Daily Historic Cannon Firing ceremony and military procession followed in the Upper Lobby with complimentary Tea & Cookies.
- AAA Four Diamond Resort, ADEM Eco Stars Green Hospitality Program- Alabama's 1st Green Hotel, and proud member of the Historic Hotels of America.
- The Grand Hotel has been recognized by Conde Nast Magazine Top 125 Golf Resorts, Top 500 Hotels in the World by Travel & Leisure, Successful Meetings Magazine Pinnacle Award, USA Today, Southern Living and more.

**Airline Information:** The Grand Hotel Golf Resort and Spa is serviced by two area airports: the Mobile, Alabama Regional Airport (MOB), which is approximately 45 minutes from the hotel, and the Pensacola, Florida International Airport, which is approximately 55 minutes from the hotel.

**Transportation Options:** The Grand Hotel Golf Resort and Spa is serviced by two area airports: the Mobile, Alabama Regional Airport (MOB), which is approximately 45 minutes from the hotel, and the Pensacola, Florida International Airport, which is approximately 55 minutes from the hotel. **A special hotel transportation rate of \$35/each way has been arranged. Reservations are required & space is limited. Reservations: 251.990.6370 or email: transportation@marriottgrand.com.**



SOURCE  
EVALUATION  
SOCIETY

## 43<sup>rd</sup> Stationary Source Sampling and Analysis for Air Pollutants

Preliminary Technical Program  
Sunday April 14<sup>th</sup> through Friday April 19<sup>th</sup>, 2019  
Grand Hotel Golf Resort & Spa, Point Clear, Alabama

Conference Overview:

The Source Evaluation Society has completed plans for the 43rd International Stationary Source Sampling and Analysis for Air Pollutants Conference. The conference will be held at the Grand Hotel Golf Resort & Spa, Point Clear, Alabama. The conference technical sessions start on Sunday evening April 14<sup>th</sup> and end on Friday morning April 19<sup>th</sup>.

There will be a total of ten technical sessions plus poster sessions. The format is designed to encourage open exchange of experience and knowledge on environmental measurements and emission characterization issues. Participants include representatives from industry, federal and state governments, research and consulting organizations, air testing companies, equipment manufacturers, analytical laboratories, international participants and academia.

Topics will address a comprehensive array of technical and policy aspects related to environmental regulations, emissions measurement and monitoring technologies, field and laboratory measurements, and reporting. Presentations will be from experts in the field.

We invite you to attend and participate. Please find the draft agenda and the registration and contact information enclosed and respond early. We are accepting abstracts for high quality technical oral and poster presentations through September 29, 2018. If you have an interest in presenting at the conference please submit a 200-300 word abstract to the conference chair and appropriate session chair.



## 43<sup>rd</sup> Stationary Source Sampling and Analysis for Air Pollutants Preliminary Technical Program

**Conference Chair: Jason DeWees,**  
jason.deweese.ses@gmail.com

**Conference Co-Chair: Eric Ehlers,**  
eric.ehlers.ses@gmail.com

### 1. Improving Interactions to Enhance Test Programs (Sunday, 4/14/19, PM)

**Session Chair: Heather McHale,**  
Heather.McHale@coterie-env.com

**Session Chair: Ned Shappley,**  
shappley.ned@epa.gov

This session will be a discussion on how regulators, industry, testers, and test subcontractors (i.e., laboratories) can improve their communication and interactions to achieve a successful test program and improve data quality.

### 2. EPA Highlights (Monday, 4/15/19, AM)

**Session Chair: Stef Johnson,**  
johnson.steffan@epa.gov

**Session 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. Refining and Chemical Sectors (Monday, 4/15/19, PM)

**Session Chair: Josh Childers,**  
jchilders@cleanair.com

**Session Chair: Bev Coleman,**  
bevcoleman@chevron.com

A collection of presentations and discussions focused on challenges and solutions specific to the refinery and chemical sectors.

### 4. Legal/Emerging Compounds (Tuesday, 4/16/19, AM)

**Session Chair: Ray Merrill,**  
Merrill.raymond@epa.gov

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

This session will have two topics of focus: statutory and legal issues related to source sampling and emissions standards and emerging compounds of interest for stationary sources.

### 5. Flowrate (Tuesday, 4/16/19, PM)

**Session Chair: Aaron Johnson,**  
aaron.johnson@nist.gov

**Session Chair: Jeff Ryan,**  
Ryan.Jeff@epa.gov

Significant error in measuring flow contributes bias to all associated emissions measurements. The S-probe is the most commonly used instrument for flow measurement, yet it can introduce biases of 10 % or more in highly distorted stack flows.

### 6. VOC, SVOC and Organic HAPs (Wednesday, 4/17/19, AM)

**Session Chair: Jordan Laster,**  
jordan.laster@stacktest.com

**Session Chair: Bryan Tyler,**  
bryan.tyler@enthalpy.com

There are many applications that require Volatile Organic Compounds (VOCs), Organic Hazardous Air Pollutants (OHAPs) and Semi-Volatiles (SVOC) measurements and numerous methods available to be used based on the analyte, source conditions/matrix and detection limit requirements.

### 7. FTIR (Wednesday, 4/17/19, PM)

**Session Chair: Tom Dunder,**  
TDunder@trcsolutions.com

**Session Chair: Steve Hall,**  
steve@spectrumenvsoln.com

This session will focus on topics related to sampling and analysis with FTIR. Potential topics will address detection limits, best practices on sampling and spiking,

uncertainties related reference gases or spiking surrogates, and critical data quality indicators.

### 8. Particulate Measurement (Thursday, 4/18/19, AM)

**Session Chair: Jim Guenthoer,**  
jguenthoer@cleanair.com

**Session Chair: David Nash,**  
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.

### 9. Instrumental Measurement Issues (Thursday, 4/18/19, PM)

**Session Chair: Stephen Gibbons,**  
stephen.gibbons@de.abb.com

**Session Chair: Mike Hayes,**  
mhayes@mathesongas.com

This is a session on the challenges, advances or insights related to instrumental measurement technology. Presentations will address issues around low level measurement challenges from gas standards to instrument technologies; providing an insight into the digital realm and internet of things

### 10. Ideas on How to Improve Field Work and/or Data Quality (Friday, 4/19/19, AM)

**Session Chair: Jacob Byrne,**  
jbyrne@cem-solutions.com

**Session Chair: Ron McLeod,**  
Ron.McLeod@ALSGlobal.com

Everyone has their little 'tricks' to help you get through your day. We are looking for 5-15 minute 'shorts' on an approach that helps you in the field – items or approaches that saves you time or improves safety and/or data quality, or generally makes life a little easier.

### 11. Poster Sessions

**Session Chair: Ilya Alimov,**  
IAlimov@trcsolutions.com

**Session Chair: Wade Bice,**  
jwbice@southernco.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: Mukund Venkitachalam,**  
mukund.venkitachalam@dominionenergy.com

**Session Chair: Sean Warden,**  
richard.s.warden@dominionenergy.com

Each of the sessions will start with 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.

