



**VIM**  
TECHNOLOGIES

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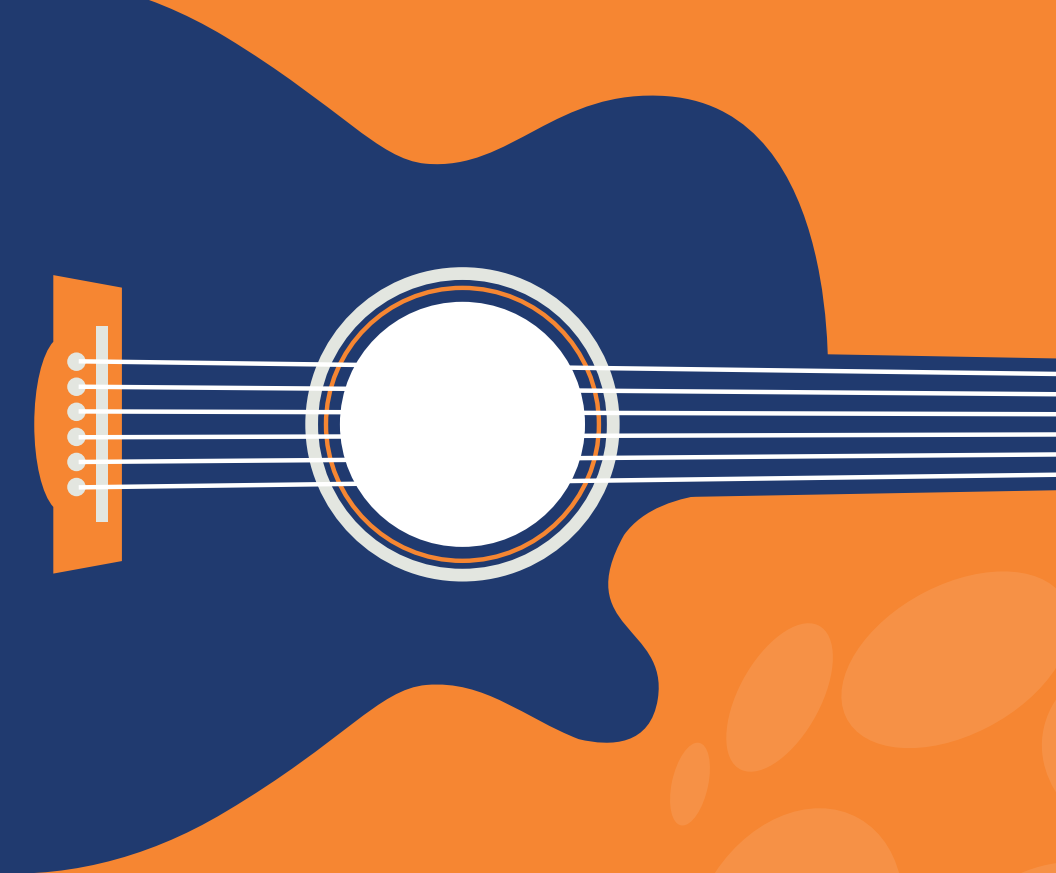


**September 24-27, 2019**

**2019 VIM USER GROUP**

Sheraton Music City Hotel  
Nashville, TN





# WIFI

**USER: VIMDAS**

**PASS: FALL2019DAS**



**VIM**  
TECHNOLOGIES

# Wednesday, September 25, 2019

## Welcome

Reception Courtyard ..... 1800 - 2000

# Thursday, September 26, 2019

## Breakfast

Belle Meade ..... 0730 - 0830

## Session I

Welcome and Executive Updates ..... 0830 - 1000

### ▶ Welcome Address / Company Update

#### McGavock's Ballroom

Matt Caldwell, the President of VIM Technologies, Inc., will provide a brief welcome address to all delegates and provide insight to the company developments since the last meeting in April 2018.

### ▶ Sales Department Update

#### McGavock's Ballroom

Andy Rothenberger, National Sales Director for VIM, will provide an update on the Sales Team and current business development activities. He will highlight some of the changes to the team's structure, areas of focus, along with recent accomplishments that are expected to contribute to VIM's continued growth and success.

### ▶ Environmental Products Update

#### McGavock's Ballroom

Rudi Muenster, VP of Environmental Products for VIM, will share with the delegates the evolution of the Environment Products group. He will then highlight some of the major CEMLink 6 software product updates since the last meeting. Rudi will conclude his talk with changes to the COMPAS group and what steps we're taking to keep you ahead of the curve.

▶ **Vendor Short – Montrose**

McGavock’s Ballroom

Bob Finken (Montrose) will provide a brief overview of the Montrose Environmental Group’s present composition and service capabilities and our role in helping protect the air we breathe, the water we drink, and the soil that grows our food.

**Break**

**Belle Meade ..... 1000 – 1030**

**Session II**

**CEMLink6 Product Updates ..... 1030 – 1200**

▶ **CEMLink6 Short – Predictive Interface**

McGavock’s Ballroom

A member of the VIM team will spend 10-minutes on the Overview dashboard predictive interface.

▶ **CEMLink6 Product Update**

McGavock’s Ballroom

Rudi Muenster will kick off the session discussing various CEMLink product updates that are planned throughout the coming year.

▶ **Technology Review**

McGavock’s Ballroom

A member of the development group will share with the delegates emerging technologies and advancements that could shape the future of the CEMLink product. We’ll discuss the feasibility of such changes and what it would take to make them a reality.

▶ **Vendor Short – M&C**

McGavock’s Ballroom

Brian Gilmore (M&C) will discuss innovative measurement solutions for challenging applications. As the exclusive North American distributor of the AIROPTIC™ tunable diode laser analyzer system, M&C’s expertise expands the envelope of laser monitoring to include near and mid-infrared wavelength absorbing gases, utilizing direct absorption and derivative measurement techniques. AIROPTIC systems measure multiple gas components in a single path, and system arrangement is engineered to match the application’s needs; such as full in-situ, fiber coupled, extractive, and open path line of sight for ambient fence line monitoring.

## Lunch

**Belle Meade** ..... 1200 - 1300

## Session III

**Industry Talks** ..... 1300 - 1430

### ▶ Driving Productivity with the Electronic Logbook

#### McGavock's Ballroom

Matthew Boze and Jenaveve Hoskins of Florida Power & Light (FPL) explain how they identified a need to automate workflow to help support their overall CEMS management practices. They share how they exploit the Electronic Logbook feature in CEMLink 6 using unique configurations and how they have benefited from it.

### ▶ Heat Input Modeling and Alarming

#### McGavock's Ballroom

Learn how to alert site CEMS support in real-time to instrument issues typically found later when reviewing data. Geoff Russell (Duke Energy) will explain how Duke Energy is reducing monitor downtime by alarming off of a model built from historical operating and RATA reference data. This method has simplified troubleshooting, identified probe obstruction, probe leaks, analyzer failures, fuel flow meter shifts, and inaccurate DCS process level inputs within one hour of failure across the entire range of unit operation.

### ▶ BLDS Update

#### McGavock's Ballroom

Matt Radigan (Radigan Environmental Group Solutions) will talk about baghouse performance optimization. This session is designed to update our end user partners on the work we have done so far and our thoughts on where we see it going. Challenges, barriers of entry, solution overview and installed base updates will be addressed. In preparation of this meeting we encourage you to think about how implementing a baghouse optimization package would improve your operational excellence and improve your maintenance bottom line.

▶ **CEMS Quality Assurance Program**

McGavock's Ballroom

Hal Lee (Graymont) will provide an industry perspective on challenges associated with implementing and maintaining system integrity and data quality across multiple facilities and monitoring system platforms. This session will explore various approaches utilized to overcome obstacles to optimum CEMS performance. Additionally, this presentation will discuss strategies that did not go as well as intended.

▶ **Vendor Short - Mostardi Platt**

McGavock's Ballroom

Eric Ehlers (Mostardi Platt) will discuss the importance of data QA/QC performed on stack test data prior to dissemination to the public. The collection, input, review, and ultimately the reporting of air emission testing data to the plant and agency personnel in hard copy and/or electronic reporting format is the end product of hours, days, and sometimes weeks of collecting test data either manually or through data logging systems at plant sites. This presentation will highlight the QA/QC data review process associated with a typical emission testing program.

**Break**

**Belle Meade ..... 1430 - 1500**

**Session IV**

**Regulatory Updates ..... 1500 - 1630**

▶ **CEMLink6 Short - QA Test Deadline**

McGavock's Ballroom

A member of the VIM team will spend 10-minutes on the new QA test deadline tracker.

▶ **EPA CAMD Update**

McGavock's Ballroom

Charles Frushour from EPA CAMD will provide a presentation on various topics related to part 75 data including: why the highest quality data is important, electronic ad-hoc checks that EPA conducts on a routine basis in addition to the ECMPS electronic evaluation process, how part 75 data is used beyond the acid rain program, what elements

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to consider if part 75 data is to be used for multiple compliance strategies, steps to consider prior to submitting data, common ECMPS errors, how to prepare for a field audit, comparing and contrasting P60 with P75, and updates. Attendees are encouraged to ask questions before, during and after the presentation on topics related to part 75 including the submission process, ECMPS, the business system, current and possible future part 75 requirements.

▶ **Recertification Events**

McGavock's Ballroom

Ashley Partington will discuss the impact of CEMS recertification events on plant personnel. Are you aware of the regulatory requirements that go along with replacing equipment, changing parts, or modifying the fuel or flow systems at your facility? Join us as we explore the necessary planning, preparation, implementation process, and even offer some lessons learned to make it easier for anyone facing these types of events in the future.

▶ **Maximizing CEMS Data Availability**

McGavock's Ballroom

Eric Wiley will discuss a few things that facilities can do to help ensure their CEMS data availability is as high as possible. For example, scheduling maintenance and daily calibration drift check strategically within a part of an hour may allow for reduced downtime. Having a higher CEMS data availability allows for the data being utilized in data substitution to be more representative of actual emissions and less punitive when calculating mass emissions.

▶ **Vendor Short - Airgas**

McGavock's Ballroom

Albert Guitgens (Airgas) will update the group on HCl GMACS manufacturing and quality control process and the availability of NIST traceable protocol gases. He'll also discuss Airgas's new and improved SRV smartphone app and QR code system and what future enhancements are planned in the coming year.

**Offsite Event**

**Listening Room Café with recording artist  
Langhorne Slim..... 1730 - 2100**

*\*Buses will board at 1700*





# Friday, September 27, 2019

## Breakfast

**Belle Meade ..... 0730 - 0830**

## Session V

### Steering Committee Update & New Feature

**Roundtable ..... 0830 - 1000**

#### ▶ **CEMLink6 Short - Trend UI Updates**

McGavock's Ballroom

A member of the VIM team will spend 10-minutes on the new Trending interface.

#### ▶ **New Feature Roundtable**

McGavock's Ballroom

Interactive roundtable discussion with the VIM development group to brainstorm and identify new features slated for the future.

#### ▶ **Steering Committee Update**

McGavock's Ballroom

Scott Millsaps (Duke Energy) will update the group on the status of the VIM Technologies Steering Committee.

#### ▶ **Vendor Short - ABB**

McGavock's Ballroom

Steve Gibbons (ABB) will introduce the group to a surprisingly comprehensive CEMS offering from a true global market leader, with focus on a few highlighted products that are definitely worth a good look to see how they can make your life easier and save you time and money.

## Break

**Belle Meade ..... 1000 - 1030**

# Session VI

**Operations Update ..... 1030 - 1200**

▶ **CEMLink6 Short – Message Board**

McGavock's Ballroom

A member of the VIM team will spend 10-minutes on the new message board feature.

▶ **Operational Improvements**

McGavock's Ballroom

Rick McIlwain, VP of Operations for VIM, will discuss the 2019 VIM company initiative targeting lead time reduction for new system orders. He will be reviewing the organizational structure changes recently implemented to achieve this goal and the impact of these changes so far.

▶ **Support Stats – How Are We Doing?**

McGavock's Ballroom

Tom DiBello, Support Manager for VIM, will be digging into and discussing the root cause of the most popular support cases. He will also be looking at the solution used to close most of these cases.

▶ **Test Plan Improvements**

McGavock's Ballroom

Brian Wilson, Engineering Manager for VIM, will discuss the recent test plan improvements implemented by the Engineering & Validation group. He will review the benefits of having test plans in place for both specific system configuration types and specific configuration areas.

▶ **Wrap Up and Departure**

McGavock's Ballroom

Closing remarks and open the floor to questions.

## Lunch

**A sandwich lunch will be available for eat in or carry-out (for those traveling) ..... 1200- 1300**

# Vendors

## Off-Site Event Sponsors



## Welcome Reception Sponsors



## Vendors

**ABB**

**Airgas**

**Air Hygiene**

**California Analytical  
Instruments**

**CEM Service Group**

**C.E.M. Solutions**

**CleanAir**

**M&C TechGroup**

**McHale & Associates**

**Montrose Environmental**

**Mostardi Platt**

**Ohio Lumex**

**STI CEMS**





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