



## Signalysis News

*December, 2016*

Well finally it's that most wonderful time of the year! Merry Christmas, Happy Hanukkah, Happy Holidays. Growing up I remember the advent calendars, competing to see who could string the most popcorn on the tree, hunting for Santa's hiding place and gathering around the fireplace. I can't wait – it's even more fun with the grandkids.

It's also a time to reflect on the past year. For Signalysis, and myself personally, there's a lot to be THANKFUL for. Many of you know (or have read) about NASA BOB's battle with Non-Hodgkin Lymphoma and a few other ailments. Bob made a strong comeback to knock out some big projects, file a patent and lead a few newcomers into the depths of Experimental Structural Dynamics.

We saw the Signalysis family grow, welcoming new employees, first time fathers, wives and children. We employed a record number of students in our co-op program, and contributed to many of your local charities. One of the things I look forward to each year is the opportunity to meet with our customers. This year I did just that through on-site visits, trade shows, golf outings, and training sessions. Next year I'm hoping to double the giving and triple the training events.

For you first time readers, this is our bi-monthly newsletter - an opportunity to share some news about our company and industry. In this issue, you'll read about our Automotive HVAC Production Inspection Systems, learn about our LabVIEW development capabilities, and get to know one of our employees: Melissa Gendreau.

We're now ready to tackle the bowl games and NFL playoffs; and soon we will be deep into basketball. So, while we have a chance we want to offer our thanks and HUGEMerry Christmas & Holiday wishes to each of you and your families. We are thankful for your business. Please be safe and enjoy a Rockin' New Year's Eve!

Sincerely,

Neil Coleman

President

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## Register Today - Space is Limited

We'll be hitting the road in 2017 with our seminar series: *Noise & Vibration Quality Inspection Test*. These free one-day sessions are a great way to learn the latest in end-of-line testing, gain practical hands-on experience, and have a unique opportunity to work with your own test part. We'll also feed your stomach as well as your brain with a free lunch.

The Seminar will Cover:

- Basic Sound & Vibration Principles
- Metric Development
- What's new with SigQC Software
- Hands-on Test Activities
- End-of-Line Test Applications Review
- An Opportunity to Test your Working Part
- Q&A

### Dates

February 7

February 21

May 9

August 29

September 12

September 26-27

### Locations

Marysville, OH

Detroit, MI (Detroit Airport)

Grand Rapids, MI

Freemont, OH

Dundee, MI

Cincinnati, OH

Fee: There is no Cost Attend

To register, or for more information contact Steve Johnson:

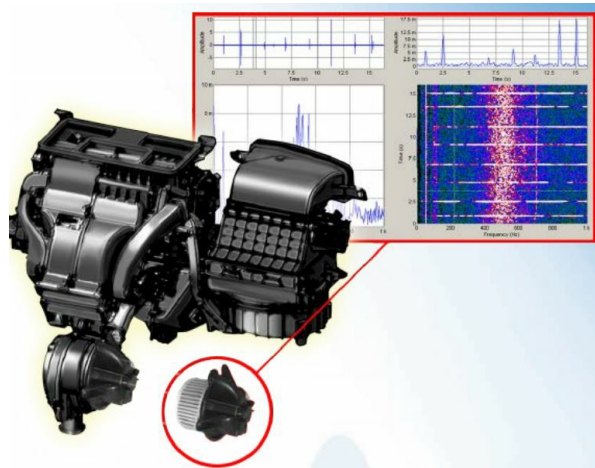
[steve.johnson@nvhtt.com](mailto:steve.johnson@nvhtt.com)

Cell: 248-761-6133

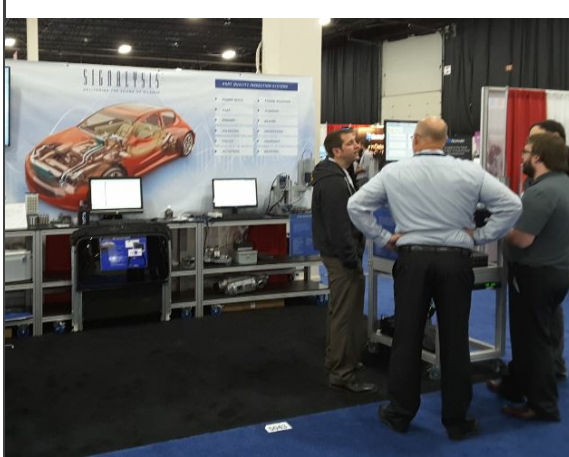
## Automotive Test Systems: HVAC

Signalysis [Automotive Production Test Systems](#) provide bumper to bumper quality inspection for a number of automotive systems and sub-systems.

Our [HVAC](#) Test System replaces subjectivetestst with advanced vibration, sound, motor current and actuator performancemetrics. Combining NVH laboratory modal analysis, sound quality,gear testing, and motor dynamics test methods this test system brings100% inspection confidence to your manufacturing floor.



## ATE Expo 2016



Nearly 6,000 attendees made their way to this year's Automotive Test Expo as yet another attendance record was set. And Signalysis was right in the middle of the action demonstrating our test systems and giving presentations.

Did you miss us at the show? Be sure to check out our [web site](#) for more information on our [inspection test systems](#), [SigQC](#) software, [LabVIEW](#) development, and more!



### And the Winner is...

Tunan Zhao of Brose Group is the winner of our 2016 Automotive Test Expo GoPro Hero give-away. Our very own Steve Johnson swung by to make the presentation to Tunan.

We want to thank everyone who entered - you're all winners in our book! (Just not as big a winner as Tunan.)

### 4 Questions 4: Melissa Gendreau

As our Office Manager Melissa, wears lots of different hats. Let's take a few minutes to catch up with her with four quick questions.

**Hi Melissa. Can you tell us a little about yourself?**

I'm originally from Cleveland and I graduated from Xavier University with a Finance degree. I worked in the insurance industry until I had children. I was then a Domestic Engineer for approximately twelve years for my children: Marc, Sarah and Tess. I have been working at Signalysis for



almost five years.

### **What are your responsibilities?**

As Office Manager my duties include all ordering, shipping and receiving; accounts payable and receivables, time cards, human resources, arranging travel plans and mostly keeping all the guys in-line ;)

### **What is the best thing about working at Signalysis?**

I appreciate the flexibility. As a single mother, I am often at the mercy of my children's schedules things like doctor appointments, school meetings and so on. I'm able to adjust my hours in the summer to accommodate the kids being home. I also like the fact that we are a small company where everyone has a voice.

### **What do you do in your free time?**

I enjoy going to my children's sporting events including basketball, baseball, volleyball, gymnastics, cross country and soccer. I like to travel and attend theatrical performances; including those of my children. I really enjoy cooking and have many treasured family recipes from my VERY Italian grandmother who lived to almost 100!



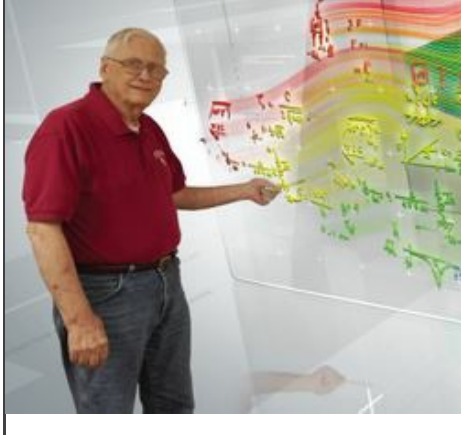
As a National Instruments Alliance Member with Certified LabVIEW developers on staff, Signalysis is uniquely positioned to provide:

- LabVIEW Development Environment
- LabVIEW Real-Time
- National Instruments Hardware Platform (PXI, cRIO, sDAQ)
- Real-Time test
- Machine Control
- Automated Inspection
- Database Connectivity
- Reporting: HTML & Office Suite

Read more [here](#).

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## Learn from the Expert

Bob Coleman has authored a book  
*“Experimental Structural Dynamics: An  
Introduction to Experimental Methods of  
Characterizing Vibrating Structures”*.  
Signalysis is making copies of the book  
available to you while they last.

Go [here](#) to request a copy.

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Visit our Website

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### Signalysis

*Delivering the Sound of Silence*

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