



# **THE ANNUAL SPRING TRAINING & VENDOR SYMPOSIUM APRIL 25, 2019**

The Wisconsin Chapter of the Vibration Institute has a new name and we are the  
**Vibration Professionals of Wisconsin!**

**Guest Speaker: Tony DeMatteo with 4X Diagnostics**

#### **Presentations topics include:**

1. Integrating Motion Amplification Video Technology with ODS and Modal Testing  
*Discussion and examples of how Motion Amplification Video improves ODS and Modal testing.*
2. Basic Time Waveform Analysis  
*Configuring powerful time waveform measurements, analyzing waveform data, using filtering, autocorrelation & circle plot techniques.*
3. Stress Wave Measurements  
*A powerful tool for identifying friction, impacting, stress cracking and certain motor defects.*
4. Route Based Data Collection  
*Recommended route-based measurement configurations.*

Tony is a highly skilled diagnostic measurement, signal analyst and technical training instructor with over 40 years of experience. He is accomplished in vibration measurement and analysis, modal analysis, operational deflection shape testing, acoustics, dynamic balancing, transient capture, on-line monitoring and product defect analysis. He is experienced in a wide range of industries and equipment.

Tony began his career in 1974 as a field machinist at Eastman Kodak Company in Rochester, NY. In 1977 he transitioned into Kodak's Equipment Diagnostics Group and worked for twenty years as a full-time vibration analyst and group leader.

After leaving Kodak in 1998, Tony worked for Emerson Process Management, CSI Division as a senior consultant and training instructor. Tony received two service awards for outstanding performance while working for Emerson.

In July 2005, Tony left Emerson/CSI and started his own company, *4X Diagnostics*. 4X Diagnostics provides diagnostic measurement and analysis, mentoring, modal analysis, operational deflection shape testing, modal/ODS training, Motion Amplification services, remote monitoring and analysis and in-plant or public vibration technology training courses.

### **Certifications:**

- ✓ Category IV Vibration Analyst
- ✓ Certified training instructor for Mobius Institute in North America
- ✓ RAD Worker trained
- ✓ TWIC – Transportation Worker Identification Credential
- ✓ MSHA Certification Part 48
- ✓ Badged at Nuclear Power Plants & US Department of Energy

*Following is a tentative schedule of events occurring at:*

***The Stoney Creek Inn***  
**1100 Imperial Ave, Rothschild, WI 54455**



8 – 9am	Registration
9am- Noon	Technical Workshop Part 1, snack at break
Noon – 1:30pm	Lunch & Vendor Show
1:30 – 4pm	Technical Workshop Part 2
4 - 5:30pm	Vendor Show with Cash Bar
5:30 - 6:30pm	Dinner and Drawings for Give-a-Way Items

*Discounted hotel room rates are available*

**DOOR PRIZES!!!** There will be several door prizes awarded during Dinner

**Cost includes breakfast, lunch, and dinner:**

- **\$150**
- **\$125 for teachers and students**
- **\$125 group rate for 5 or more from same company**

**Preferred payment via PayPal link – our website is temporarily down**

**A PayPal account is not required**

**\$150 Use this link → [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=9NB7MCXVABZQQ](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=9NB7MCXVABZQQ)**

**\$125 Teachers, Students use this link → [https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=TF3MFYG3UR95G](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=TF3MFYG3UR95G)**

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If you are unable to use PayPal, please contact Joe Keckeisen to make arrangements at

**Joseph.E.Keckeisen@jci.com**