



BWDC

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Present

Technical Meeting

Acceleration, Velocity, Proximity for Vibration Measurement

Thursday October 17

Event: 11a-1p

Technical Presentation: 11:35p

Learn More 



*The ISA Baltimore / Washington DC Section and co-host The
ISA Philadelphia Section Present:*
Acceleration, Velocity, Proximity for Vibration Measurement

When: Thursday, 17OCT2024 (All times below are Eastern)
11:00 – 11:30 – Networking and access to Vibration technical expert
11:30 – 11:35 – BWDC ISA Section greeting
11:35 – 12:45 – Technical Presentation
12:45 – 13:00 – Networking and access to Vibration technical expert

Where: Online via Teams or in person at TAI Engineering
(Presenter will be at TAI) 600 Red Brook Blvd Ste 300
Owings Mills, MD 21117

Cost: Registration – Free
PDH Certificates – Free for ISA Members, \$5.00 for non-Members

RSVP: Advance registration is requested at the following link:
<https://forms.gle/uikfBTfDwuJpgkJx6>
Direct questions to Lloyd Risser at ljrisser@bechtel.com or 301-305-1458.

Abstract:

Acceleration, Velocity, Proximity for Vibration Measurement

Vibration measurement is not only key to understanding equipment failures as a diagnostic tool, but it is even more valuable as a preventative measure to monitor equipment health and plan maintenance before the failure occurs. This presentation will cover the basic concept and technology of several common vibration measurement parameters.

- General Topic of Acceleration, Velocity, Proximity for Vibration Measurement
- Application of each measurement
- Proximity Theory and system requirements
- Demonstration on a Digital Proximity System

Presenters:

Abel Flores

Metrix Vibration Global Sales Operations Manager
CAT II Vibration Analyst
Bachelor's in Electronics Engineering
Vibration Analyst certified since 1999
6 years with Entek IRD and Rockwell Automation, 10 Years with Metrix Vibration

Shaun Baines

Neal Systems Inc. Territory Manager VA, MD, D.C.
CAT I Vibration Analyst
15 years of Vibration Analysis on MH-60T helicopters in the U.S. Coast Guard
20 years in Aerospace Engineering field in the Coast Guard
MBA from Auburn University

Neal Systems - [About NSI – Neal Systems Incorporated](#)

Founded in 1986 by David Neal, serving first as a manufacturer's representative, NSI quickly expanded its distribution throughout the NorthEast and Mid-Atlantic including Pennsylvania, New Jersey, New York, Maryland, Delaware, West Virginia, Virginia, and Washington, D.C.. Establishing warehousing capabilities for commonly used products enabled NSI to provide rapid product solutions for both routine and emergency customer requirements. This earned NSI a reputation for quick product delivery and outstanding service. NSI evolved from being simply a product provider to becoming a total solutions and service provider for plant and process automation.

Metrix - [Metrix Vibration | Industrial Vibration Monitoring Systems](#)

Metrix is an experienced leader in the condition monitoring and asset protection industry. For more than 55 years, Metrix has been the preferred supplier of industrial vibration monitoring systems to many of the world's leading manufacturers and users of pumps, motors, fans, cooling towers, gas turbines, generators, centrifugal and reciprocating compressors, and other rotating and reciprocating machinery. With headquarters in Houston, Texas, we operate in more than 65 countries via factory-direct sales, along with a strategic network of instrumentation partners.