

# IMVAC

INTERNATIONAL  
MACHINE VIBRATION ANALYSIS  
CONFERENCE  
**USA 2017**



## 11/05/2017

1:00 pm - 5:00 pm Registration

## 11/06/2017

6:00 am - 4:30 pm Registration

7:00 am - 8:00 am Continental Breakfast

8:00 am - 9:15 am Welcome and Keynote Address

8:30 am - 9:15 am KN1: Keynote: Connect to People, Process and Technology for Optimal Return  
John Schultz, Executive Vice President of Reliability Solutions, Allied Reliability Group/T.F. Hudgins

9:30 am - 12:30 pm	WS1: Practical vibration analysis workshop: Interactive and challenging case studies (Part 1 - Part 2 required below) by Scott Dow Scott Dow, Senior Instructor, Mobius Institute	AMWS2: How to Develop an Award-winning, Future-focused, Survivable ACM Program by Jack Nicholas Jack Nicholas, Sole Proprietor, Jack R. Nicholas, Jr.	AMWS3: Oil Analysis Interpretation & Case Studies by Steven Dobie Steven Dobie, Reliability Specialist, Fluid Life	AMWS4: Application of Advanced Signal Analysis Techniques for Machinery Fault Diagnosis by Suri Ganeriwala Suri Ganeriwala, President, SpectraQuest Inc.
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12:30 pm - 1:30 pm

12:30 pm - 1:30 pm

1:30 pm - 4:30 pm	WS1: Practical vibration analysis workshop: Interactive	PMWS2: Improving Electrical Reliability by Implementing a	PMWS3: Detecting and preventing rolling element	PMWS4: Resonance Testing by Tony DeMatteo
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and challenging case studies (Part 2 - Part 1 required above) by Scott Dow, Senior Instructor, Mobius Institute	Motor Diagnostic and Testing Program by William Kruger, Technical & Training Coordinator, ALL-TEST Pro, LLC	bearing faults by Jason Tranter, Founder and CEO, Mobius Institute	Tony DeMatteo, Owner, 4X Diagnostics
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4:30 pm - 6:00 pm      Welcome Reception with food and drink in the Exhibition Hall

## 11/07/2017

6:00 am - 4:30 pm      Registration

7:00 am - 8:00 am      Continental Breakfast

8:00 am - 9:15 am      Welcome and Keynote Address

8:30 am - 9:15 am      KN2: Keynote: The Speed of Life  
Brian Shul, Retired U.S. Air Force Pilot

9:30 am - 10:15 am	1S1: Lubrication Process Transformation Malcolm Osenton, Sr. Manager of Asset Integrity, The Mosaic Company	2S1: Case Study: Combined Use of ESA/MCSA and Vibration for Accurate Time To Failure Estimation Howard Penrose, President, MotorDoc LLC	3S1a: HD Vibration Technologies give the clearest picture and the earliest pre warning times – Low RPM Machines Ron Kittle, Managing Director, Inc. SPM Instrument Inc.	4S1: The Key to Machinery Reliability Tod M Baer, Production Specialist IV - Reliability, Minnkota Power Cooperative
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10:15 am - 10:45 am      Refreshment and Snack Break in Exhibition Hall

10:45 am - 11:30 am	1S2: Case Study: Avoidable 10 Cell Cooling Tower Catastrophic Failure Lance Bisinger, Principal, Allied Reliability Group	2S2a: (90 min.) Fourth Down and It's Time to Run or Punt. Can Your Organization Deliver the Core Five? Jeff Shiver, President, People and Processes Inc.	3S1b: HD Vibration Technologies give the clearest picture and the earliest pre warning times – Gearbox Monitoring Tim Sundstrom, Manager of Strategic Sales & Application, SPM Instrument AB	4S2: Learn how to measure tribology using a 100 kHz sampling rate vibration analyzer Ray Garvey, R&D Engineer, I-care Reliability Inc. Kenneth Piety, PdM Consultant
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11:45 am - 12:30 pm	1S3: Bearing Faults Diagnosis by Using Brain Wave with Machine Consciousness and Emotions Madhavendra Saxena, Research Scholar, Poornima University	2S2b: (90 min.) cont'd. Fourth Down and It's Time to Run or Punt. Can Your Organization Deliver the Core Five? Jeff Shiver, President, People and Processes Inc.	3S2: 1, 2, 4, 8, 16 ... The Mysteries of Channel Count Ron Newman, Sales & Technical Support, PRUFTECHNIK Canada	4S3: Eli Lilly's Lubrication-driven Global Reliability Rendela Wenzel, CMRP, Global Associate Senior Consultant Engineer, Eli Lilly and Company Leslie Fish, Executive
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12:30 pm - 1:30 pm	Lunch and Dessert in Exhibition Hall				
12:30 pm - 1:30 pm	IMVAC Theater 12:30pm - SEC: Wireless Vibration Monitoring Made Simple & Quick / 12:50 - SPM Instrument: Powerful Online Condition Monitoring Performance without Compromise / 1:10 - Wilcoxon: Vibration Data Integration with Plantwide Networks				
1:30 pm - 2:15 pm	1S4a: (20 min.) Case Study: Troubleshooting Vibration Problem In Centrifugal Compressor Manufacturing Yubo Nian, Compressor Engineer, Trane/Ingersoll Rand	1S4b: (20 min.) Case Study: Sub-synchchronous Vibration and Compressor Rotor Instability Ahmad Fadzli Ismail, Staff Engineer, MLNG Sdn. Bhd.	2S3: Electrical Preventive Maintenance & Changes to NFPA 70E Tim Rohrer, President / Founder, Exiscan	3S3a: (90 min.) A Quick Introduction to the Other Condition Monitoring Technologies Jason Tranter, Founder and CEO, Mobius Institute	4S4a: (90 min.) Visualizing vibration: using phase to diagnose faults that you would miss with spectra alone Dean Whittle, Managing Director, Reliability Maintenance Solutions Ltd
2:30 pm - 3:15 pm	1S5: Vibration Measurement Techniques for Continuously Varying Speed Machinery Greg Lee, Senior Project Manager, PRUFTECHNIK	2S4: Making Reliability Lean & Mean Noah Bethel, VP Product Development, PdMA Corporation	3S3b: (90 min.) cont'd. A Quick Introduction to the Other Condition Monitoring Technologies Jason Tranter, Founder and CEO, Mobius Institute	4S4b: (90 min.) cont'd. Visualizing vibration: using phase to diagnose faults that you would miss with spectra alone Dean Whittle, Managing Director, Reliability Maintenance Solutions Ltd	
3:15 pm - 3:45 pm	Refreshment and Snack Break in Exhibition Hall				
3:45 pm - 4:30 pm	1S6: Utilizing Vibration Analysis to Properly Monitor & Perform Diagnostics on Vertical Pumps Allen Bailey, Senior Test Analyst, IVC Technologies	1S11: Case Study: Predictive Maintenance at a Government Electrical and Water/Sewer System Utility James Santo, Reliability Engineering Manager, Mission Inc. Support Alliance, LLC	3S4: Ultrasound Assisted Lubrication: 3 Ways To Improve Lubrication Practices Adrian Messer, Manager of US Operations, UE Systems,	4S5: Gyroscopic Effect and Bearings Dynamic Behaviour in High Speed Béchir Badri, Co-Founder and President, BETAVIB	
4:30 pm - 5:30 pm	Reception in Exhibition Hall				
6:00 pm - 8:30 pm	Evening Dinner & Music				
11/08/2017					
6:00 am - 3:00 pm	Registration				
7:00 am - 8:00 am	Continental Breakfast				

8:00 am - 8:45 am	KN3: Keynote: Five Components to Successfully Sustaining Condition Based Maintenance Jeff Shiver, President, People and Processes Inc.			
9:00 am - 9:45 am	1S7a: (20 min.) Case Study: Cost Effective Implementation of PdM for Commercial and Industrial Facilities Artem Kroupenev, VP of Product, Augury Inc.	1S7b: (20 min.) Case Study: Prediction of Vibrational Fatigue on Bolted Joint Interfaces using CAE Ameer Ambavaram, Principal Engineer, Mercury Marine	2S6: Wireless Balancing: Uses and Benefits Thomas Hoenig, President, GTI Predictive Technology	3S5a: (90 min.) From friction to failure – assessing bearing health using Ultrasound Tom Murphy, Corporate Training Manager, SDT Ultrasound Solutions
10:00 am - 10:45 am	1S8: Case Study: Induction Motors Condition Monitoring: Vibration Analysis Technique- a Practical Experience Mikhail Tsypkin, Field Service Engineer, VSC	2S7: An Integrated Approach to Process Condition Monitoring Eric Snyder, Operations Manager, iba America LLC Allen Bailey, Senior Test Analyst, IVC Technologies	3S5b: (90 min.) cont'd. From friction to failure – assessing bearing health using Ultrasound Tom Murphy, Corporate Training Manager, SDT Ultrasound Solutions	
10:45 am - 11:15 am	Refreshment and Snack Break in Exhibition Hall			
11:15 am - 12:00 pm	1S9: How do expert systems influence the work of a vibration analyst in today's environment? Brian Shanovich, Product Manager, VibrAlign	2S8: Keeping Out Environmental Contaminants Meredith Christman, Product Marketing Manager, IMI Sensors, Division of PCB Piezotronics, Inc.	3S6: It All Begins with Sampling Wesley Cash, Director of Technical Services, Noria	
12:00 pm - 1:00 pm	Lunch and Dessert in Exhibition Hall			
12:00 pm - 1:00 pm	IMVAC Theater 12:00pm - VibeCloud: Technology, Experience, and Knowledge / 12:20 - SpectraQuest: Hands-on Training Simulator for Enhancing Vibration Analysis Skills / 12:40 - Ludeca: Greasing Bearings Right with Acoustic Lubrication featuring SDT LUBExpert			
1:00 pm - 1:45 pm	K4: Keynote: Making Vibration Analysis Count Jason Tranter, Founder and CEO, Mobius Institute			
2:00 pm - 2:45 pm	1S10: Motion Amplification: A new way to visualize vibrations. Jeff Hay, Founder & CEO, RDI Technologies	2S9: Tougher Than Nails – or Dirt? Wesley Cash, Director of Technical Services, Noria	3S7: Utilizing Infrared Thermography on Mechanical Assets to Increase Reliability Roy Huff, Vice President, The Snell Group	
2:45 pm - 3:00 pm	Refreshment and Snack Break in Grand Foyer			
3:00 pm - 3:45 pm	2S5: Industrial Internet of Things Condition and Vibration Monitoring Daniel Yarmoluk, Director Business Development, ATEK Access Technologies	2S10: Time Waveform Analysis Scott Dow, Senior Instructor, Mobius Institute	3S8: The Use of Embedded Technologies by OEMs Saar Yoskovitz, CEO, Augury Timothy Fabian, Aftermarket Service and Sales Director, Grundfos	

3:45 pm - 5:15 pm

Interactive Forum / Closing / Giveaways

**11/09/2017 - Bonus 4th Day**

8:00 am - 12:00 pm

PWS1: Maintenance and  
Reliability Best Practice  
Concepts  
Jeff Shiver, President, People  
and Processes Inc.

PT1: Cane Island Power Park  
Plant Tour - \$0.00

PWS2: Mobius Institute  
Certification Review Course  
Jason Tranter, Founder and  
CEO, Mobius Institute