

REGISTER ONLINE

USA | NOVEMBER 12-16, 2018

INTRODUCING THE WORLD'S CBM CONFERENCE

FORMERLY
IMVAC
INTERNATIONAL
MACHINE VIBRATION ANALYSIS
CONFERENCE 

IMVAC HAS NOW BECOME THE CBM CONFERENCE

Vibration
Analysis



Thermography



Oil Analysis & Wear
Particle



Motor Testing



Ultrasound



Lubrication



Alignment &
Balancing



CM
Management



From workshops, learning sessions and case studies to the latest technologies featured in the expo, the conference provides practical learning in the important aspects of industrial vibration analysis, the complementary condition monitoring technologies, and reliability improvement.

WHY

- + Dedicated to all of the Condition Monitoring Technologies
- + Improve diagnostic knowledge and skills
- + Build relationships with peers who face the same challenges

WHO

- + Condition Monitoring Professionals
- + Vibration Analysts
- + Program Managers
- + Reliability & Maintenance Professionals

WHAT ATTENDEES GET

- + 3-day pass with optional **free bonus day** on Monday & Friday
- + Keynote presentations by leading industry experts
- + Receive video recordings of all sessions
- + Daily refreshments, snacks, lunch, networking receptions and dinner
- + CMRP, CMRT, ICML, Mobius Institute certifications and continuing education units
- + Hands-on presentations & case studies
- + See the latest CM products and services showcased in exhibition hall

**ALL
NEW!**

DEDICATED LEARNING STREAMS:

Vibration, Oil Analysis, Lubrication, Focused Knowledge, Ultrasound, Condition Monitoring, Infrared, Motor Testing and Reliability

AGENDA

FREE BONUS DAY		MONDAY, NOVEMBER 12
9:00 - 5:00pm	PW1: Asset Reliability Practitioner (ARP) Category I Course (part 1) - <i>Jeff Shiver</i>	
12:00 - 1:00pm	Lunch	
1:00 - 4:00pm	PW2: Maintenance & Reliability Best Practice Metrics Workshop - <i>Paul Dufresne</i>	

DAY 1		TUESDAY, NOVEMBER 13			
8:00 - 9:00am	Continental Breakfast				
9:00 - 12:00pm	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 1 - Part 2 required below) - <i>Dennis Swanepoel</i>	AMWS2: The Relationship Between Vibration, Electrical Signature Analysis and Motion Amplification - <i>Howard Penrose</i>	AMWS3: An animated introduction to vibration analysis - <i>Jason Tranter</i>	AMWS4: Understanding and Creating a Culture of Reliability Through Condition Monitoring (Part 2 ARP CAT-I Course) - <i>Tod Baer</i>	
12:00 - 1:00pm	Lunch				
1:00 - 4:00pm	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 2 - Part 1 required above) - <i>Dennis Swanepoel</i>	PMWS2: Oil Analysis Report Interpretation - <i>Evan Zabawski</i>	PMWS3: Shaft Alignment Fundamentals including Machine Installation, Soft Foot and Thermal Growth - <i>Adam Stredel</i>	PMWS4: Extending Reliability Through Condition Monitoring Driven Precision and Reliability Programs (Part 2 ARP CAT-I Course) - <i>Tod Baer</i>	
1:00 - 4:00pm	BRIDG Plant Tour				
4:00 - 6:00pm	Welcome Reception with complimentary food & drinks in Exhibition Hall				
4:30pm	Mobius Institute Accredited ISO Vibration Analyst Certification Exams, ARP Certification Exam, ICML, CMRP and CMRP Exams				



CERTIFICATIONS OFFERED AT CBM CONFERENCE



[LEARN MORE](#)

AGENDA

DAY 2

WEDNESDAY, NOVEMBER 14

7:00 - 8:00am	Continental Breakfast			
8:00 - 9:15am	Welcome by Jason Tranter, Founder and CEO, Mobius Institute			
	KN2: Keynote Presentation: When small things have large consequences - knowing when the details really matter <i>Chester Kennedy, CEO, BRIDG</i>			
	VIBRATION STREAM	VIBRATION STREAM	LUBRICATION STREAM	FOCUSED KNOWLEDGE STREAM
9:30 - 10:15am	Vibration Standards: Use, Misuse and Abuse - <i>Carl Eyman</i>	HD Technology: Following bearing damage in a gearbox for 32 months - <i>Tim Sundstrom</i>	Prescriptive Oil Analysis - <i>Mark Barnes</i>	An interactive tutorial on detecting unbalance and performing single-plane balancing - <i>Jason Tranter</i>
10:15 - 10:45am	Morning Refreshment and Snack Break in Exhibition Hall			
10:45 - 11:30am	Case Study: In-situ balancing of a non-linear SYN gas compressor rotor - <i>Haider Ali</i>	HD Technology: A low RPM case, 3 years pre-warning time - <i>Tim Sundstrom</i>	Building a Continuous Improvement Culture To Drive Lubrication Reliability Results - <i>Paul Grimes</i>	An interactive tutorial on detecting and correcting shaft misalignment - <i>Jason Tranter</i>
11:45 - 12:30pm	LINEAR vs LOG - Scaling New Heights! - <i>Ron Newman</i>	Phase Lag: A Precursor to Balancing via Child's Play - <i>Michael Schunk</i>	Case Study: Reservoir Management - Filter Savings and Improved Oil Cleanliness Levels - <i>Paul Dufresne</i>	Detecting and correcting resonance; the silent killer that lurks in every plant - <i>Jason Tranter</i>
12:30 - 1:45pm	Lunch on Outside Terrace, Dessert in Exhibition Hall and Theater Presentations in Enchanted Room			
	VIBRATION STREAM	ULTRASOUND STREAM	CONDITION MONITORING STREAM	FOCUSED KNOWLEDGE STREAM
1:45 - 2:30pm	Case Study: Paper Machine Vibration Problems - <i>Andrew Costain</i>	Case Study: Extending bearing life by using Ultrasound to identify lubrication problems - <i>Tom Murphy</i>	Case Study: Condition Monitoring of Ultra-Low Speed, Highly Loaded Press Washer Bearings - <i>Mike Johnson</i>	Estimating the remaining life of a rolling element bearing with vibration, ultrasound, oil, and infrared analysis - <i>Jason Tranter</i>
2:30 - 3:00pm	Afternoon Refreshment and Snack Break in Exhibition Hall			
3:00 - 3:45pm	Phase Analysis for Vibration Monitoring - <i>Saar Yoskovitz</i>	Intelligent Decimation Derives Sonic and Ultrasonic Stress Waves - <i>Ray Garvey</i>	Profitable Condition Monitoring - <i>Ron Kittle</i>	Diagnosing gearbox faults with vibration, oil, and wear particle analysis - <i>Jason Tranter</i>
4:00 - 4:45pm	The Effects of Mounting on Vibration Collection: Are You Getting the Data You Expected? - <i>Renard Klubnik</i>	Case Study: Asset Condition Management Using Ultrasound Remote Monitoring - <i>Maureen Gribble</i>	Digitalisation of Vibration based Condition Monitoring - <i>Dries Van Loon</i>	Diagnosing electric motor faults with vibration, motor current analysis, and motor circuit analysis - <i>Jason Tranter</i>
4:45 - 6:00pm	Networking Reception with food and drinks in Exhibition Hall			
6:30pm	Dinner & Live Music on outside Terrace			

*Schedule subject to change.

AGENDA

DAY 3

THURSDAY, NOVEMBER 15

7:00 - 8:00am	Continental Breakfast			
8:00 - 9:30am	KN1: Keynote Presentation: The future of vibration monitoring and analysis - Will computers take your job? <i>Jason Tranter, Founder & CEO, Mobius Institute</i>			
9:30 - 10:00am	Morning Refreshment and Snack Break in Exhibition Hall			
	VIBRATION STREAM	INFRARED STREAM	CONDITION MONITORING STREAM	MOTOR TESTING STREAM
10:00 - 10:45am	Introduction to Modal Analysis - <i>Mark Richardson</i>	Thermal Imaging Introduction - <i>Jay Bowen</i>	2018 PdM Survey: Beyond PdM Balance - <i>Christine LaFave Grace</i>	Basic Electricity and AC Motor Theory for the Non-Electrical Specialist - <i>Howard Penrose</i>
11:00 - 11:45am	Motion Amplification - <i>Jeff Hay and Matt Rubin</i>	Critical Asset Surveillance Models using Electrical Maintenance Safety Devices - <i>Martin Robinson</i>	From Condition Monitoring to Condition Improvement - <i>Dean Whittle</i>	Electric Machinery Standards for Field and Quality Assurance Testing - <i>Howard Penrose</i>
11:45 - 1:00pm	Lunch on Outside Terrace, Dessert in Exhibition Hall, and Theater Presentations in Enchanted Room			
	VIBRATION STREAM	VIBRATION STREAM	CONDITION MONITORING STREAM	MOTOR TESTING STREAM
1:00 - 1:45pm	Case Study: Using Empirical data to identify Cavitation or Hydraulic Noise in a Pump - <i>Dale Winterhoff and Randy Antley</i>	Setting Vibration Alarms - <i>Alan Friedman</i>	A Survey of Wireless Condition Monitoring Vendors Features and Performance - <i>Ed Spence</i>	Understanding Common and Uncommon De-Energized Testing Methods - <i>Howard Penrose</i>
2:00 - 2:45pm	Using Impact Demodulation to Identify and Track Faults in Slow-Speed Machines - <i>Michael Johnson</i>	Cavitation Phenomenon in Centrifugal Pumps: An Analysis, Detection, and Prevention Strategies - <i>Suri Ganeriwala</i>	(20 min) Turbine oil sludge RCA - <i>Wesley Albert</i> (20 min) Controlling water in a combustion turbine - <i>Wesley Albert</i>	Understanding Common and Uncommon Energized Testing Methods - <i>Howard Penrose</i>
3:00 - 3:45pm	SRR/PdM Wireless Vibration Monitoring Program - <i>Danny Newton</i> <i>Winterhoff and Diego Paranhos</i>	What to look for in wireless sensors - <i>Alan Friedman</i>	Case Study: Using Condition Monitoring to Drive Risk Mitigation and Maintenance Optimization for Wind - <i>Chris Dannehy</i>	What are the Mechanical Impacts of Power Quality? - <i>Howard Penrose</i>
3:45pm	Interactive Forum & Giveaways			

AGENDA

FREE BONUS DAY

FRIDAY, NOVEMBER 16

7:00 - 8:00am	Welcome Coffee & Tea	
8:00 - 4:30pm	Condition Monitoring Symposium by SPM Instrument	Alignment Techniques for Vibration Experts Workshop by Pruftechnik
12:00 - 1:00pm	Lunch	

CBM CONFERENCE THEATER



Don't miss these 15 minute hands-on demonstrations
from industry experts during lunch!

PRESENTATIONS INCLUDE:

Wireless Future of Predictive Technology

GTI Predictive Technology

Field configurable transmitters for machine health monitoring helps improve your monitoring efficiencies

Wilcoxon

An introduction to a new three-tiered reliability certification program that recognizes knowledge and competence

Mobius Institute

New Bearing Checker - fast and easy measurement of bearing condition and lubrication assessment

SPM Instrument

Wireless Future of Predictive Technology

PCB Piezotronics

Augury and the Future of Predictive Maintenance

Augury

View all CBM Conference Theater presentations at
www.thecbmconference.com

EXPO

EXPO TIMES

TUESDAY, NOVEMBER 13

4:00 - 6:00pm

WEDNESDAY, NOVEMBER 14

10:15 - 6:00pm

THURSDAY, NOVEMBER 15

9:30 - 1:00pm

PREMIER SPONSORS



ENHANCED SPONSORS



EXHIBITORS



MEDIA SPONSORS



*Schedule subject to change.

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REGISTRATION INFORMATION



CBM CONFERENCE™

USA 2018

Orlando, Florida, USA

CBM Conference special hotel rate: \$160.00 + tax per night

3-DAY ADMISSION

TEAM ADMISSION

OPTIONAL FREE BONUS DAY ON MONDAY & FRIDAY

3-DAY + FREE MONDAY & FRIDAY BONUS DAYS

November 12-16

3-DAY SINGLE PASS

November 13-15

TEAM 3-DAY + FREE MONDAY & FRIDAY BONUS DAY FOR 3+ PEOPLE

November 12-16

TEAM 3-DAY FOR 3+ PEOPLE

November 13-15

***BEST VALUE**

BOOK EARLY AND SAVE

BY JUNE 19	BY AUGUST 21	STANDARD	BY JUNE 19	BY AUGUST 21	STANDARD
\$899	\$999	\$1099	\$749	\$849	\$949

***BEST VALUE**

*For current rates & discounts check website - thecbmconference.com

REGISTER ONLINE

CAN'T MAKE USA?

See what's next on tap at www.thecbmconference.com

