

REGISTER ONLINE

Melbourne, AUS | 11-14 NOVEMBER 2019

WELCOME TO THE WORLD'S CBM + RELIABILITY CONNECT CONFERENCE

POWERED BY MOBIUS INSTITUTE

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 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

- + 2 to 4-day pass with optional ARP certification exam on Wednesday
- + Keynote presentations by leading industry experts
- + Daily refreshments, snacks, lunch, networking receptions and dinner
- + CMRP, CMRT, ICML, ARP, Mobius Institute certifications and continuing education units
- + Hands-on presentations & case studies using purpose built test rig
- + See the latest CM Products and services showcased in exhibition hall



LEARNING STREAMS:

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

AGENDA

DAY 1		MONDAY, 11 NOVEMBER	
9:00 - 5:00	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Course - Terry Blackman	PW2: Vibration in Action Workshop: A Practical Introduction of the Use and Value of Vibration Analysis with Elvis the Test Rig - Dennis Swanepoel	PW3: Reliability Data Analytics Workshop - Jason Tranter
12:30 - 1:30	Lunch in Foyer		

DAY 2		TUESDAY, 12 NOVEMBER	
8:00 - 9:00	Welcome Coffee and Tea in Foyer		
9:00 - 12:00	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Full Day) - Dennis Swanepoel	AMWS2: Hands-On Workshop: Overcoming Common Online Monitoring Challenges!: Installation costs, managing masses of data, delivering actionable information - Christer Larsson	AMWS3: Root Cause Analysis Workshop - Daré Petreski
12:00 - 1:00	Lunch in Foyer		
1:00 - 4:00	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Full Day) - Dennis Swanepoel	PMWS 2: Hands-On Workshop: Ultrasound in Action: See How to Solve a Multitude of Problems with One Tool - SDT	PMWS3: Developing the Asset Strategy to Ensure You Plan the Right Maintenance and CBM Tasks Workshop - Jason Tranter
4:00	Welcome Reception with Food & Drinks in Exhibition Hall		
4:30	Certification Exams - Mobius Institute Accredited ISO Vibration Analyst Certification Exams, ICML, CMRP, and CMRT Exams		



CERTIFICATIONS OFFERED AT CBM + RELIABILITY CONNECT CONFERENCE



[LEARN MORE](#)

AGENDA

DAY 3

WEDNESDAY, 13 NOVEMBER

7:00 - 8:00	Welcome Coffee & Tea in Foyer			
8:00 - 9:15	Welcome & Keynote Presentation - Jason Tranter, Founder & CEO, Mobius Institute			
	CM STREAM	CM STREAM	RELIABILITY STREAM	RELIABILITY STREAM
9:30 - 10:15	1S1: Case Study: Our Journey to Online Vibration Monitoring - Anthony Manouso	2S1: Beyond Traditional Vibration Monitoring - Tim Sundstrom	3S1: Case Study: Falling in Love with the Data - Matthew Fallow	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
10:15 - 10:45	Morning Refreshment and Snack Break in Exhibition Hall			
10:45 - 11:30	1S2a: Case Study: (20 min.) Alignment and Thermal Growth - Michael Halstead 1S2b: Case Study: (20 min.) Decreasing Vibration Due to High Runout Fluid Coupling by Insitu Balancing - Heri Kurniawan	2S2: Industry Update: the Use of Smart Data and IIoT - Sven Fleischer	3S2: Enterprise Improvement Solutions - Craig Hurkett	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
11:45 - 12:30	1S3: Diagnosis of a Vibration Problem in a Steam Dryer - Veil Lumme	2S3: Estimating the Remaining Life of a Rolling Element Bearing with Vibration, Ultrasound, Oil, and Infrared Analysis - Jason Tranter	3S3: Turbo Machinery and Protection Systems - Salah Attia	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
12:30 - 1:45	Lunch and Dessert in Exhibition Hall and Theater Presentations			
12:40 - 1:45	CBM CONFERENCE Theater: 15 minute presentations			
	CM STREAM	CM STREAM	RELIABILITY STREAM	RELIABILITY STREAM
1:45 - 2:30	1S4: Challenge Accepted! Cases from Challenging Applications Monitored with HD Technology - Geoff Soper	2S4: Case Study: (90 min.) Lubrication Reliability through Base Line Auditing - Geoff Manley	3S4: Four Essential Areas of Focus for Sustained Reliability; a New Spin on an Old Idea - Jason Tranter	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
2:30 - 3:00	Afternoon Refreshment & Snack Break in Exhibition Hall			
3:00 - 3:45	1S5: Case Study: Do You See What I See? Pioneering with Motion Amplification - Werner Roberts	2S5: Case Study: (90 min.) How to Design, Deliver, and Run Successful Condition-Based Maintenance - Svetoslav Staykov	3S5: The Three Essential Stages of a Successful Reliability Implementation - Jason Tranter	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
4:00 - 4:45	1S6a: Case Study: (20 min.) Innovative Approach in Solving a High Vibration Issue on a Cooling Tower Machine Train - Muhammad Zeeshan 1S6b: Case Study: (20 min.) Gas Generator Auxiliary Panel Break Replaced with Thermography Analysis - Shabir Ahmad	2S6: Case Study: (90 min. cont'd) How to Design, Deliver, and Run Successful Condition-Based Maintenance - Svetoslav Staykov	3S6: Case Study: Locomotive Sleeper Reliability Investigating Bifurcation Phenomenon with Vibration Mapping - Ashish Arora	PW1: Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - Terry Blackman
4:45 - 5:45	Networking Reception with Complimentary Food & Drinks in Exhibition Hall			
6:00	Evening Dinner & Live Music			

AGENDA

DAY 4

THURSDAY, 14 NOVEMBER

7:00 - 8:00	Welcome Coffee & Tea in Foyer			
8:00 - 9:30	Welcome & Ask the Expert Interactive Forum moderated by Jason Tranter, Founder & CEO, Mobius Institute			
9:30 - 10:00	Morning Refreshment and Snack Break in Exhibition Hall			
	CM STREAM	CM STREAM	RELIABILITY STREAM	RELIABILITY STREAM
10:00 - 10:45	1S6: Cooling Water Pump Gearbox Diagnostics, Failure and Remedial Actions - <i>Haider Ali</i>	2S6: Condition Based Strategies for Electrical Asset Reliability - <i>Martin Robinson</i>	3S6: Can't Miss Reliability Case Study - <i>Rob Grimm</i>	4S6: Importing Downtime into Your Plant, Everybody's Doing It! - <i>Matthew Fallow</i>
11:00 - 11:45	1S7a: Case Study: (20 min.) Journey of an In-House Turbomachinery Predictive Analytic Tool; a Data Driven Solutions - <i>Harris Abd Rahman Sabri</i> 1S7b: (20 min.) Case Study for a Vertical Pump - <i>Sultan Alshneiber</i>	2S7: The Correct Use of Demodulation, PeakVue and Other High-frequency Techniques - <i>Dennis Swanepoel</i>	3S7: How to Create a Proper Condition Monitoring Report - <i>Salah Attia</i>	4S7: Can't Miss Reliability Case Study - <i>Andrew Keene</i>
11:45 - 1:00	Lunch and Dessert in Exhibition Hall and Theater Presentations			
11:45 - 1:00	CBM CONFERENCE Theater: 15 minute presentations			
	CM STREAM	CM STREAM	RELIABILITY STREAM	RELIABILITY STREAM
1:00 - 1:45	1S8: Case Study: (90 min.) Machine Defect Analysis Using Vibration Data - <i>Priyan Perera</i>	2S8: Hands-On: Mastering Single-Plane Balancing - <i>Jason Tranter</i>	3S8: Case Study: There & Back Again - Condition Monitoring Spearheading Defect Elimination - <i>Daré Petreski</i>	4S8: Holistic Asset Management - <i>David Alexander</i>
2:00 - 2:45	1S9: Case Study: (90 min. cont'd.) Machine Defect Analysis Using Vibration Data - <i>Priyan Perera</i>	2S9: Hands-On: Understanding Resonance - <i>Jason Tranter</i>	3S9: Case Study: There & Back Again - The True Cost of Cost Cutting - <i>Daré Petreski</i>	4S9a: (20 min.) RAM Modelling - <i>Helge Lawrenz</i> 4S9b: (20 min.) Case Study: API 618 Pulsation - <i>Helge Lawrenz</i>
3:00 - 3:45	1S10a: (20 min.) Reaping Maximum Benefits Out of Oil Analysis on Mobile Mining Fleet - <i>Aaron Said</i> 1S10b: Case Study: (20 min.) Unbalance Detected Due to Wear on Impeller Blades and Corrective Action - <i>Francisco Ribeiro</i>	2S9: Hands-On: Detecting and Correcting Resonance - <i>Jason Tranter</i>	3S9: Enterprise Improvement Solutions - <i>Craig Hurkett</i>	4S10:
3:45	Interactive Forum / Closing / Giveaways			

EXPO TIMES

TUESDAY, 12 NOVEMBER
4:00 - 6:00

WEDNESDAY, 13 NOVEMBER
10:15 - 6:00

THURSDAY, 14 NOVEMBER
9:30 - 1:00

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REGISTRATION INFORMATION



NOW CO-LOCATED!
**CBM+RELIABILITY
CONNECT**
CONFERENCE
AUSTRALIA 2019
Melbourne, AUS

CBM Conference special hotel rate: AUD\$180 + tax per night (includes breakfast)

CHECK THE WEBSITE FOR CURRENT SAVINGS

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TEAM 4-DAY FOR 10+ PEOPLE
4-DAY
3-DAY



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AUD\$1349
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