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CBM+RELIABILITY CONNECT™
CONFERENCE
AUSTRALIA 2019

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

ALL NEW

LEARNING STREAMS:

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

AGENDA

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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	**PW1:** Asset Reliability Practitioner [ARP] Category I Three-Day Course - *Terry Blackman*	**WS1:** Practical Vibration Analysis Workshop: Interactive and Challenging Case Studies (Full Day) - *Dennis Swanepoel*	**AMWS2:** Online Condition Monitoring and Its Challenges! Workshop - *Stefan Furness & Tim Sundstrom*	**AMWS3:** Root Cause Analysis Workshop - *Daré Petreski*
10:15 - 10:45	Morning Refreshment & Snack Break			
12:00 - 1:00	Lunch in Foyer			
1:00 - 4:00	**PW1:** Asset Reliability Practitioner [ARP] Category I Three-Day Course - *Terry Blackman*	**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 - *Paul Klimuc*	**PMWS3:** Developing the Asset Strategy to Ensure You Plan the Right Maintenance and CBM Tasks Workshop - *Jason Tranter*
2:15 - 2:45	Afternoon Refreshment & Snack Break			
4:00	Welcome Reception with Food & Drinks in Exhibition Hall			
4:30	**Certification Exams** - Mobius Institute Accredited ISO Vibration Analyst Certification Exams and ICML Exams			

CBM + Reliability CONNECT CONFERENCE offers continuing professional development (CPD's)

CERTIFICATIONS OFFERED AT CBM + RELIABILITY CONNECT CONFERENCE

ICML — Serving the Lubrication Community

MOBIUS INSTITUTE BOARD of CERTIFICATION

SMRP | CMRP Certified Maintenance & Reliability Professional

SMRP | CMRT Certified Maintenance & Reliability Technician

LEARN MORE

*SCHEDULE SUBJECT TO CHANGE.

AGENDA

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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:** Anglo American Capcoal, QLD - Our Journey to Online Vibration Monitoring - *Anthony Manousso*	**2S1:** Beyond Traditional Condition Monitoring - How HD Vibration Data Can Be Used To Optimize Your Process - *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.) Decreasing Vibration Due to High Runout Fluid Coupling by Insitu Balancing - *Heri Kurniawan* **1S2b: Case Study:** (20 min.) Reaping Maximum Benefits Out of Oil Analysis on Mobile Mining Fleet - *Aaron Said*	**2S2:** Industry Update: The Use of Smart Data and IIoT - *Sven Fleischer*	**3S2:** Operational Readiness - Smooth Start vs Chaos - *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 in Foyer and Dessert in Exhibition Hall			
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:** (90 min.) Lubrication Reliability through Base Line Auditing - *Geoff Manley*	**3S4: Case Study:** Locomotive Sleeper Reliability Investigating Bifurcation Phenomenon with Vibration Mapping - *Ashish Aror*	**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:** Anglo American Capcoal QLD - Our Journey to Online Vibration Monitoring - *Werner Roberts & Andrew Gale*	**2S5: Case Study:** Extending Bearing Life by Using Ultrasound to Identify Lubrication Problems - *Paul Klimuc*	**3S5:** (90 min.) The Secrets of Success: What Made Some Reliability Programs Successful and Others Fizzle - *Jason Tranter*	**PW1:** Asset Reliability Practitioner [ARP] Category I Exam - *Terry Blackman*
4:00 - 4:45	**1S6a: Case Study:** How to Write a Good Condition Monitoring Report - *Salah Attia*	**2S6:** TBD (Tentative 2nd Presentation) - *Haider Ali*	**3S6:** (90 min. cont'd) The Secrets of Success: What Made Some Reliability Programs Successful and Others Fizzle - *Jason Tranter*	
4:45 - 5:45	Reception with Complimentary Food & Drinks in Exhibition Hall			
6:00	Evening Dinner & Live Music			

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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 *- Haider Ali*	**2S6: Case Study:** (90 min.) How to Design, Deliver, and Run Successful Condition Based Maintenance? *- Svetoslav Staykov*	**3S6:** TBD *- David Alexander*	**4S6:** Importing Downtime into Your Plant, Everybody's Doing It! *- Matthew Fallow*
11:00 - 11:45	**1S7:** (20 min.) Case Study for a Vertical Pump *- Sultan Alshneiber*	**2S7: Case Study:** (90 min. cont'd.) How to Design, Deliver, and Run Successful Condition Based Maintenance? *- Svetoslav Staykov*	**3S7:** Delivering Autonomous Vehicle Maintenance, the Challenges & Opportunities *- Craig Hurkett*	**4S7:** Making Reliability Resonate within Manufacturing Plants *- Andrew Keene*
11:45 - 1:00	Lunch in Foyer and Dessert in Exhibition Hall			
11:45 - 1:00	**CBM CONFERENCE Theater:** 15 minute presentations			
	CM STREAM	CM STREAM	RELIABILITY STREAM	
1:00 - 1:45	**1S8: Case Study:** (90 min.) Machine Defect Analysis Using Vibration Data *- Priyan Perera*	**2S8: Hands-On:** Mastering Single-Plane Balancing *- Jason Tranter*	**3S8a: Case Study:** (20 min.) RAM Modelling *- Helge Lawrenz* **3S8b: Case Study:** (20 min.) API 618 Pulsation Studies *- Helge Lawrenz*	
2:00 - 2:45	**1S9: Case Study:** (90 min. cont'd.) Machine Defect Analysis Using Vibration Data: Digging Deeper into Bearing Defect and Failure Analysis *- Priyan Perera*	**2S9: Hands-On:** Understanding Resonance *- Jason Tranter*	**3S9: Case Study:** There & Back Again - Condition Monitoring Spearheading Defect Elimination *- Daré Petreski*	
3:00 - 3:45	**1S10:** One Setup to Solve All Vibration issues *- Dennis Swanepoel*	**2S10: Hands-On:** Detecting and Correcting Resonance *- Jason Tranter*	**3S9: Case Study:** There & Back Again - The True Cost of Cost Cutting *- Daré Petreski*	
3:45	Interactive Forum / Closing / Giveaways			

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EXPO

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EXPO TIMES

TUESDAY, 12 NOVEMBER	WEDNESDAY, 13 NOVEMBER	THURSDAY, 14 NOVEMBER
4:00 - 6:00	10:15 - 6:00	9:30 - 1:00

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REGISTRATION INFORMATION

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

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