

Antwerp, BE | 3-6 JUNE 2019

# INTRODUCING THE WORLD'S CBM 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

- + 3 or 4-day pass with optional ARP certification exam on Wednesday
- + Keynote presentations by leading industry experts
- + Receive video recordings of all sessions
- + 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

DAY 1		MONDAY, 3 JUNE
9:00 - 5:00	<b>PW1:</b> Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - <i>Jason Tranter</i>	
9:00 - 5:00	<b>PW2: Hands-on:</b> An animated and practical introduction to vibration analysis using purpose built test rig - <i>Dennis Swanepoel</i>	
12:30 - 1:30	Lunch	

DAY 2		TUESDAY, 4 JUNE		
8:00 - 9:00	Welcome Coffee and Tea in Foyer			
9:00 - 12:00	<b>WS1:</b> Practical Vibration Analysis Workshop: Interactive and challenging case studies (Full Day) - <i>Dennis Swanepoel</i>	<b>Hands-On:</b> Overcoming real-world economic realities to successfully implement a CBM solution - <i>Frederic Baudart and John Bernet</i>	<b>Hands-On:</b> Ultrasound testing: An "all access" democratic solution to condition monitoring - <i>Haris Trobradovic</i>	<b>PW1:</b> Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - <i>Jason Tranter</i>
12:00 - 13:00	Lunch			
13:00 - 16:00	<b>WS1:</b> Practical Vibration Analysis Workshop: Interactive and challenging case studies (Full Day) - <i>Dennis Swanepoel</i>	<b>Hands-On:</b> Online condition monitoring and it's challenges! - <i>Tim Sundstrom</i>	<b>Hands-On:</b> Electric Motor Reliability - <i>Hebert Liberos</i>	<b>PW1:</b> Asset Reliability Practitioner [ARP] Category I Three-Day Workshop - <i>Jason Tranter</i>
16:00 -17:30	Welcome Reception with Complimentary Food and Drinks in Exhibition Hall			

**CBM CONFERENCE**  
offers continuing education units (CEU's)

## CERTIFICATIONS OFFERED AT CBM CONFERENCE



[LEARN MORE](#)

## HANDS-ON WORKSHOP:

See Mobius Institutes's purpose built test rig in action



DAY 3		WEDNESDAY, 5 JUNE	
7:00 - 8:00	Welcome Coffee and Tea in Foyer		
8:00 - 8:30	Welcome and Exhibitor Introductions by Jason Tranter, Founder and CEO, Mobius Institute		
8:30 - 9:15	<b>Keynote Presentation:</b> Aligning an organization to achieve reliability excellence - <i>Paul Dufresne</i>		
9:15 - 9:45	Morning Coffee and Tea Break in Exhibition Hall		
	STREAM 1	STREAM 2	STREAM 3
9:45 - 10:30	<b>1S1:</b> Increasing your planning horizon through HD technology - <i>Tim Sundstrom</i>	<b>2S1:</b> Great safety is great business - <i>Martin Robinson</i>	<b>PW1:</b> Asset Reliability Practitioner [ARP] Category I Three-Day Workshop (Part 3) - <i>Jason Tranter</i>
10:45 - 11:30	<b>1S2:</b> CBM and digitalization in the maritime industry - <i>Joar Haland and Julian Zec</i>	<b>2S2:</b> In-situ balancing of a non-linear SYN gas compressor rotor - <i>Haider Ali</i>	
11:45 - 12:30	<b>1S3: Case Study:</b> (20 min.) Vibration analysis of bearing on drying cylinders - <i>Ognjan Maletic</i>	<b>2S3:</b> From PdM 1.0 to PdM 4.0: a realistic approach - <i>David Faro</i>	
12:30 - 13:30	<b>CBM CONFERENCE Theater:</b> 15 minute presentations		
12:30 - 13:30	Lunch and Dessert in Exhibition Hall and Theater Presentations		
13:30 - 14:15	<b>1S4: Case Study:</b> Slow speed bearing monitoring with ultrasound - <i>Chris Hallum</i>	<b>2S4:</b> Wireless considerations for asset data collection - <i>Antonin Goude</i>	<b>PW1:</b> Asset Reliability Practitioner [ARP] Category I Three-Day Workshop (Part 3) - <i>Jason Tranter</i>
14:15 - 14:45	Afternoon Coffee and Tea Break in Exhibition Hall		
14:45 - 15:30	<b>1S5:</b> Condition based strategies for electrical asset reliability - <i>Martin Robinson</i>	<b>2S5a: Case Study:</b> (20 min.) How machine-learning can improve predictive maintenance - <i>Sophie Zieba</i> <b>2S5b: Case Study:</b> (20 min.) Automatic condition based greasing of roller element bearings - <i>Jos Sas</i>	<b>PW1:</b> Asset Reliability Practitioner [ARP] Certification Exam
15:45 - 16:30	<b>1S6:</b> Demystifying pipework vibration for condition monitoring engineers - <i>Matthew Moore</i>	<b>2S6: Case Study:</b> Resonance identification and correction - <i>Ninoslav Zuber</i>	
16:30 - 17:30	Networking Reception with Complimentary Hors d'oeuvres and Drinks in Exhibition Hall		
18:00	Dinner and Live Music with Complimentary Food and Drinks		

## DAY 4

## THURSDAY, 6 JUNE

7:00 - 8:00	Morning Coffee and Tea Break in Exhibition Hall		
8:00 - 8:30	Welcome and Exhibitor Introductions by Jason Tranter, Founder and CEO, Mobius Institute		
8:30 - 9:15	<b>Keynote Presentation:</b> The future of vibration monitoring and analysis - will computers take your job? - <i>Jason Tranter</i>		
9:15 - 9:45	Morning Coffee and Tea Break in Exhibition Hall		
	<b>STREAM 1</b>	<b>STREAM 2</b>	<b>STREAM 3</b>
9:45 - 10:30	<b>1S7a: Case Study:</b> (20 min.) Fluid induced instability vibration in tilt pad bearings - <i>Kiran Vangari and Edward Michel</i> <b>1S7b: Case Study:</b> (20 min.) Load gear high vibration trip due to steam valve anomaly in gas turbine - <i>Kiran Vangari and Edward Michel</i>	<b>2S7: Case Study:</b> Lubrication 101: A history of bad practices and how to fix-it - <i>Paul Dufresne</i>	<b>Hands-On:</b> Mastering single-plane balancing - <i>Jason Tranter</i>
10:45 - 11:30	<b>1S8a: Case Study:</b> (20 min.) Failure analysis through vibration monitoring of hydrogen compressor - <i>Arslan Aslam</i> <b>1S8b: Case Study:</b> (20 min.) Machine diagnostic through vibration monitoring of Flue Gas ID fan at Methanol plant - <i>Arslan Aslam and Zeeshan Ahmed</i>	<b>2S8:</b> Getting the most out of lubrication analysis on a wind turbine fleet - <i>Hugo Fanlo Virgos</i>	<b>Hands-On:</b> Understanding resonance - <i>Jason Tranter</i>
11:30 - 12:45	<b>CBM CONFERENCE Theater:</b> 15 minute presentations		
11:30 - 12:45	Lunch and Dessert in Exhibition Hall and Theater Presentations		
12:45 - 13:30	<b>1S9: Case Study:</b> (90 min.) Auto adapting vibration monitoring based on process conditions - <i>Marcell Suranyi and Christian Reinbrecht</i>	<b>2S9:</b> Beyond traditional condition monitoring - how HD vibration data can be used to optimize your process - <i>Tim Sundstrom</i>	<b>Hands-On:</b> Detecting and correcting resonance - <i>Jason Tranter</i>
13:45 - 14:30	<b>1S10: Case Study:</b> (90 min. cont'd.) Auto adapting vibration monitoring based on process conditions - <i>Marcell Suranyi and Christian Reinbrecht</i>	<b>2S10:</b> Using CM to improve reliability or reliability to improve CM? - <i>Tommy Glesnes</i>	<b>Hands-On:</b> Resonance testing and correction techniques - <i>Jason Tranter</i>
14:30 - 14:45	Afternoon Coffee and Tea Break in Exhibition Hall		
14:45 - 15:30	<b>1S11: Case Study:</b> Overhead crane monitoring - <i>Kris Deckers</i>	<b>2S11: Case Study:</b> (20 min.) Bounty hunt for natural frequencies on the natural gas pipe lines: analysis & countermeasures - <i>Özgün Yakar</i>	<b>Hands-On:</b> Mastering single-plane balancing - <i>Jason Tranter</i>
15:30	Interactive Forum / Closing / Giveaways		

## EXPO TIMES

**TUESDAY, 4 JUNE**  
**16:00 - 18:00**

**WEDNESDAY, 5 JUNE**  
**10:15 - 17:30**

**THURSDAY, 6 JUNE**  
**10:00 - 13:30**

## PREMIER SPONSORS



## ENHANCED SPONSORS



## ALL EXHIBITORS



## MEDIA SPONSORS



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# REGISTRATION INFORMATION



**CBM**  
**CONFERENCE™**  
EUROPE 2019

Antwerp, BE

**CBM Conference special hotel rate: €125 + tax per night**

## INDIVIDUAL ADMISSION

## TEAM ADMISSION

DON'T MISS THE ARP OR HANDS-ON VIBRATION ANALYSIS WORKSHOP ON MONDAY

### 4-DAY

Includes Monday ARP Workshop or Hands-on Vibration Analysis Workshop  
3-6 June

### 3-DAY PASS

4-6 June

### TEAM 4-DAY FOR 3+ PEOPLE

Includes Monday ARP Workshop or Hands-on Vibration Analysis Workshop  
3-6 June

**BEST VALUE**

### TEAM 3-DAY FOR 3+ PEOPLE

4-6 June

### BOOK EARLY AND SAVE

BY APRIL 8		BY MAY 1		STANDARD	BY APRIL 8		BY MAY 1		STANDARD
<b>\$849</b>	<b>\$649</b>	<b>\$949</b>	<b>\$749</b>	<b>\$1049</b>	<b>\$1099</b>	<b>\$799</b>	<b>\$1199</b>	<b>\$899</b>	<b>\$1299</b>
				<b>\$849</b>	<b>\$799</b>	<b>\$799</b>	<b>\$899</b>	<b>\$899</b>	<b>\$999</b>

**BEST VALUE**

\*For current rates & discounts check website [thebcmconference.com](http://thebcmconference.com)

## REGISTER ONLINE

### CAN'T MAKE EUROPE?

See what's next on tap at [www.thebcmconference.com](http://www.thebcmconference.com)

