



BELGIUM | 4-7 JUNE, 2018

INTERNATIONAL MACHINE VIBRATION ANALYSIS & CONDITION MONITORING CONFERENCE

POWERED BY MOBIUS INSTITUTE

SECOND OF FOUR IMVAC CONFERENCES IN 2018 FEATURING PRESENTATIONS ON:

Vibration Analysis	Thermography	Oil Analysis	Wear Particle	Motor Testing	Ultrasound	Lubrication	Alignment	Balancing

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 Vibration Analysis and Condition Monitoring Technologies
- + Improve diagnostic knowledge and skills
- + Build relationships with peers who face the same challenges

WHO

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

WHAT ATTENDEES GET

- + 3 day pass plus optional bonus day with your choice of half or full day workshop
- + Keynote presentations by leading experts
- + Receive video recordings of all sessions
- + Daily tea, lunch and 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
- + BONUS DAY - Monday full day reliability workshop or plant tour

ALL NEW! **RELIABILITY STREAM ADDED FOR 2018!**

AGENDA

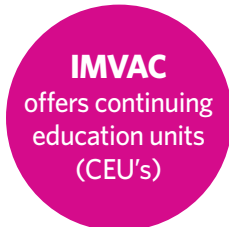


BONUS DAY MONDAY, 4 JUNE

08:00	Registration	
09:00 - 17:00	PW1: The A-Z of reliability: understanding the key elements of a successful reliability improvement program (Part 1 - Part 2 required Tuesday AM) - <i>Jason Tranter, Mobius Institute</i>	PT1: Total Antwerp Refinery and Petrochemical Plant Tour - sponsored by SDT
12:00 - 13:00	Lunch	

DAY 1 TUESDAY, 5 JUNE

08:00 - 09:00	Welcome Coffee and Tea			
	STREAM 1	STREAM 2	STREAM 3	STREAM 4
09:00 - 12:00	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 1 - Part 2 required below) - <i>Scott Dow</i>	AMWS2: Improving Electrical Reliability by Implementing a Motor Diagnostic and Testing Program - <i>William Kruger</i>	AMWS3: Unexpected issues that come with an alignment - <i>John de Jong</i>	PW1: The A-Z of reliability: understanding the key elements of a successful reliability improvement program (Part 2 - Part 1 required on Monday) - <i>Jason Tranter</i>
10:30 - 10:45	Morning Coffee Break sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
12:00 - 13:00	Lunch sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
13:00 - 16:00	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 2 - Part 1 required above) - <i>Scott Dow</i>	PMWS4: Ultrasound Guided Condition Based Lubrication Advanced Solutions - <i>Haris Trobradovic</i>	PMWS5: An introduction to flexible rotor balancing - <i>Jason Tranter</i>	PMWS6: Wireless monitoring for your CBM strategy: How vibration, thermal and electrical online motoring provide a complete solution - <i>Frederic Baudart and John Bernet</i>
15:00 - 15:15	Afternoon Coffee and Tea Break sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
16:00 - 17:30	Welcome Reception with complimentary food & drinks in Exhibition sponsored by Pruftechnik, SPM Instrument, Mobius Institute			
16:30	CMRP, CMRT, ICML, Mobius Institute Certification Exams			



CERTIFICATIONS OFFERED AT IMVAC



LEARN MORE

*Schedule subject to change.

DAY 2

WEDNESDAY, 6 JUNE

07:00 - 08:00	Morning Coffee and Tea			
08:00 - 08:30	Introduction to Conference and Premier/Enhanced Exhibitors			
08:30 - 09:15	Keynote Presentation			
09:15 - 09:45	Morning Coffee and Tea Break in Exhibition sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
	STREAM 1	STREAM 2	STREAM 3	RELIABILITY STREAM 4
09:45 - 10:30	1S1: Case Study - Assessing the vibration behaviour of generator stator end windings - <i>Olivier le Fevere de ten Hove</i>	2S1: Case Study - Optimizing your lubrication Program with Ultrasound - <i>Peter Boon</i>	3S1: Why Condition Monitoring is so important in the digital era - <i>Francisco Ballesteros</i>	4S1: A roadmap strategy for implementing an effective reliability improvement initiative - <i>Jason Tranter</i>
10:45 - 11:30	1S2: Case Study - How Newkirk effect was detected during high vibration problem solving - <i>Maciej Kloch</i>	2S2a: (20 min.) Case Study - Hot restart high vibration on centrifugal compressor - <i>Charles Cotton</i> 2S2b: (20 min.) Case Study - Solving Chronic Misalignment Problem starting by vibration analysis - <i>Mina Shenouda</i>	3S2a: (90 min.) Visualizing vibration: using phase to diagnose faults that you would miss with spectra alone - <i>Dean Whittle</i>	4S2: How One Crazy Dancing Guy Can Change a Reliability Culture - <i>Mark Barnes</i>
11:45 - 12:30	1S3a: (20 min.) Case Study - Detection of bearing faults in slow rotating applications - <i>Franklin Heinsen</i> 1S3b: (20 min.) Case Study - Detecting Vortex Rope in a Francis Turbine Operating at Partial Load - <i>Emre Orhon</i>	2S3: Shaft Alignment Fundamentals - 5-Step Alignment Procedure - <i>Mikael Terner</i>	3S2b: (90 min.) cont'd. - Visualizing vibration: using phase to diagnose faults that you would miss with spectra alone - <i>Dean Whittle</i>	4S3: Case Study - Implementation of a World Class Reliability Programme at a Tyre Plant - <i>Angus Macdonald</i>
12:30 - 13:30	Lunch sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
13:30 - 14:15	1S4: Time Wave Form Analysis - <i>Scott Dow</i>	2S4a: (20 min.) Case Study - Low speed bearing vibration monitoring- Application in Wind Turbines - <i>Sophie Zieba</i> 2S4b: (20 min.) Case Study - Best practice in Gearbox monitoring - <i>Jos Sas</i>	3S3: Prescriptive Oil Analysis - <i>Mark Barnes</i>	4S4: Case Study - Operator Driven Reliability - <i>Jurgen Matthieu</i>

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AGENDA



DAY 2 (CONT.)		WEDNESDAY, 6 JUNE			
14:15 - 14:45	Afternoon Coffee & Tea Break in Exhibition sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon				
	STREAM 1	STREAM 2	STREAM 3	STREAM 4	
14:45 - 15:30	1S5a: (90 min.) Case Study - Combining Process and Condition Monitoring - How to Bridge the Gap - <i>Bob Miller & Christian Reinbrecht</i>	2S5: - HD Technology : following a bearing damage in a gearbox for 32 months - <i>Tim Sundstrom</i>	3S4: Case Study - Detection of root cause of unplanned plant shutdowns with online condition monitoring - <i>Pierre Colon</i>	4S5: Selling reliability to senior management - <i>Jason Tranter</i>	
15:45 - 16:30	1S5b: (90 min.) (cont'd) Case Study - Combining Process and Condition Monitoring - How to Bridge the Gap - <i>Bob Miller & Christian Reinbrecht</i>	2S6: Aligning rollers using space technology - <i>Dragutin Lacko</i>	3S5: Case Study - Is Video Amplification Real - <i>Dennis Swanepoel</i>	4S6: Reliability - are you ready for it? - <i>Tommy Glesnes</i>	
16:30 - 17:30	Reception with Food and Drinks in Exhibition sponsored by Pruftechnik, SPM Instrument, Mobius Institute				
18:00 - 20:30	Evening Dinner & Entertainment sponsored by Pruftechnik, SPM Instrument, Mobius Institute				

DAY 3		THURSDAY, 7 JUNE		
07:00 - 08:00	Morning Coffee and Tea			
08:00 - 08:30	Introduction to Exhibitors			
08:30 - 09:15	Keynote Presentation - The future of vibration monitoring and analysis (will computers take your job?) - <i>Jason Tranter, Founder and CEO, Mobius Institute</i>			
09:15 - 9:45	Coffee and Tea Break in Exhibition sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon			
	STREAM 1	STREAM 2	STREAM 3	
9:45 - 10:30	1S6: Controlling vibration with tuned mass dampers - <i>Jason Tranter</i>	2S7: Ultrasound can assist your diagnosis - <i>Tom Murphy</i>	3S6a: (20 min.) Case Study - Condition Monitoring based on motor current signature analysis - <i>Aurore De Becker</i> 3S6b: (20 min.) Case Study - Wind Turbine data analysis for condition monitoring - <i>Hugo Fanlo Virgós</i>	

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AGENDA



DAY 3 (CONT.)

THURSDAY, 7 JUNE

10:45 - 11:30	1S7: Case Study - High Performance Engine Oil & Xamine Oil Analysis Programme: see how it saved money and increased production - <i>Angus Macdonald</i>	2S8: HD Technology :a low RPM case, 3 years pre-warning time - <i>Tim Sundstrom</i>	3S7a: (20 min.) Case Study - Improvement of fault diagnosis for bearings by means of broadband ultrasound - <i>Peter Holstein</i> 3S7b: (20 min.) Case Study - Bearing defects caused by electricity. New methods to detect electric problems in machines - <i>Harald Reiners</i>
11:30 - 12:45	Lunch in Exhibition sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon		
12:45 - 13:30	1S8: Digitalisation of vibration based Condition Monitoring - <i>Alain Naets</i>	2S9a: (90 min.) - Tried and Tested Tube Mill Monitoring - <i>Dennis Swanepoel</i>	3S8a: (20 min.) Case Study: Vibration Analysis – Between Claim and Reality - <i>Ronny Rusli</i> 3S8b: (20 min.) Improvement of Tier4 I3 Engine Belt System Because of High Flapping and Breakage Issue - <i>Sibel Velioğlu</i>
13:45 - 14:30	1S10: Case Study - How to perform condition monitoring of rotating machinery when the speed fluctuates - <i>Fred Kihm</i>	2S9b: (90 min.) cont'd. - Tried and Tested Tube Mill Monitoring - <i>Dennis Swanepoel</i>	3S9: Benefits of a Risk Based Approach to Condition Monitoring - <i>Matthew Moore</i>
14:30 - 14:45	Refreshment Break sponsored by Easy-Laser, MOONS', OneProd, SKF, Wilcoxon		
14:45 - 15:30	1S9: Case Study Challenge: Test your analysis skills in a case study presentation that asks you, the audience, to decide what to do next - <i>Scott Dow</i>	2S10: Case Study: Successful Condition Monitoring: Team Work of Vibration Analysts, Maintenance, and Operations - <i>Arun Kumar and Anurag Chopra</i>	3S10: Case Study - Condition monitoring at sea or remote places - <i>Menno van de Beek</i>
15:30 - 16:30	Interactive Forum / Closing / Giveaways		

DAY 4

FRIDAY, 8 JUNE

09:00 - 17:00	<p>SPM Instrument Managers Meeting - contact us for further information (invitation only - invitation is subject to SPM approval)</p> <hr/> <p>Hansford Sensors User Group - contact us for further information (invitation only - invitation is subject to Hansford approval)</p>	 
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REGISTRATION INFORMATION

POWERED BY MOBIUS INSTITUTE



IMVAC
EUROPE 2018



Crowne Plaza Antwerp, Antwerp, Belgium

IMVAC special hotel rate: EUR\$125.00 per night

3-DAY ADMISSION

3-DAY ADMISSION

- PLUS BONUS DAY -

TEAM ADMISSION

DISCOUNT EXPIRES 4 APRIL 2018

PASS 3-Day Single Pass
€999 pp

PASS 3-Day + Reliability Workshop
€1199 pp*

PASS Team 3-Day for 3+ people
€849 pp*

PASS 3-Day + Plant Tour
€1049 pp*

PASS Team 3-Day + Reliability Workshop
€1049 pp*

PASS Team 3-Day + Plant Tour
€899 pp*

✓ Access to ALL streams, workshops, sessions and Exhibition Hall

✓ Includes food, beverage, video recordings, networking events, and much more!

✓ Conference swag and exclusive resources

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

REGISTER ONLINE

Can't make Europe? See what's next on tap...

AUGUST 7-9

AUSTRALIA 2018

Gold Coast | Novotel Surfers Paradise

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NOVEMBER 13-15

USA 2018

Orlando | B Resort and Spa

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