












SINGAPORE | 9-12 APRIL, 2018

INTERNATIONAL MACHINE VIBRATION ANALYSIS & CONDITION MONITORING CONFERENCE

POWERED BY MOBIUS INSTITUTE

FIRST OF FOUR IMVAC CONFERENCES IN 2018 FEATURING PRESENTATIONS ON:

Vibration Analysis	Thermography	Oil Analysis	Wear Particle	Motor Testing	Ultrasound	Lubrication	Shaft 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 & 4 day pass includes your choice of half or full day workshops
- + 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

AGENDA

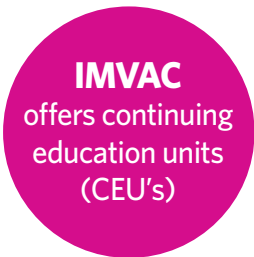


DAY 1 MONDAY, 9 APRIL

9:00	Registration
9:00 - 17:00	PWS1 - Transforming your condition monitoring program to an effective reliability improvement initiative (Part 1 - Part 2 required Tuesday AM) - <i>Jason Tranter, Mobius Institute</i>
12:00 - 13:00	Lunch

DAY 2 TUESDAY, 10 APRIL

8:00	Registration	
8:00 - 9:00	Welcome Coffee and Tea	
9:00 - 12:00	PWS1: Transforming your condition monitoring program to an effective reliability improvement initiative (Part 2 - Part 1 required all day Monday) - <i>Jason Tranter</i>	
	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 1 - Part 2 required below) - <i>Scott Dow</i>	AMWS2: Ferrography and oil analysis provides an early warning of Bearing failures - <i>KNV SUBRAHMANYAM</i>
	AMWS3: Practical Signal Processing for Optimizing Benefits of Vibration Analysis - <i>Dr. Suri Ganeriwala</i>	
10:30 - 10:45	Morning Coffee Break	
12:00 - 13:00	Lunch	
13:00 - 16:00	WS1: Practical Vibration Analysis Workshop: Interactive and challenging case studies (Part 2 - Part 1 required above) - <i>Scott Dow</i>	PMWS2: An animated introduction to fluid-film bearing vibration analysis - <i>Jason Tranter</i>
	PMWS3: Analysing Ultrasound and Vibration Time Signals - <i>Tom Murphy</i>	
14:30 - 14:45	Afternoon Coffee Break	
16:00 - 18:00	Welcome Reception with complimentary food & drinks in Exhibition Hall	
16:30	CMRP, CMRT, ICML, Mobius Institute Certification Exams	



CERTIFICATIONS OFFERED AT IMVAC



LEARN MORE

AGENDA

DAY 3

WEDNESDAY, 11 APRIL

8:00 - 9:00	Morning Coffee and Tea	
9:00 - 9:30	Welcome by Jason Tranter, Founder and CEO, Mobius Institute, and Premier Sponsor Introductions	
9:30 - 10:15	Keynote Presentation - Successfully Applying Predictive Analytics for Data Driven Maintenance - Dr. Joris Van Ostaeyen	
10:15 - 10:45	Morning Coffee and Tea Break in Exhibition Hall	
	STREAM 1	STREAM 2
10:45 - 11:30	1S1: Shaft Alignment Fundamentals - 5-Step Alignment Procedure - <i>Leif Törngren</i>	2S1: Case Study: Opportunity, Challenges and Risk of Machine Health Monitoring Market in Asia Pacific - <i>Madhavendra Saxena</i>
11:45 - 12:30	1S2: Case Study: Cooling water pump gearbox failure and remedial actions - <i>Haider Ali and Asad Akram Awan</i>	2S2: Case Study: Condition Monitoring focused on Reliability Improvement and Defect Elimination - <i>Tarun Motwani</i>
12:30 - 13:30	Lunch in Foyer & Dessert in Exhibition Hall	
13:30 - 14:15	1S3A: (20 min.) Case Study: Deepwater Oil Offshore Challenges in Vibration Condition Monitoring - <i>Jolito Ramos Jr.</i> 1S3B: (20 min.) Case Study: Vibration Field Diagnostic and Challenge - <i>Khairil Safuandy Md Salleh</i>	2S3: Accurate Condition monitoring of ultra-low and low speed machines - <i>Tim Sundstrom</i>
14:30 - 15:15	1S4: Applying finite element modal analysis to structure vibration assessment and correction - <i>Roengchai Chumai</i>	2S4: Isolators - How on earth does putting springs under a machine reduce vibration? - <i>Jason Tranter</i>
15:15 - 15:45	Afternoon Coffee and Tea Break in Exhibition Hall	
15:45 - 16:30	1S5: 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>	2S5: Acoustic vibration monitoring - <i>Tom Murphy</i>
16:45 - 17:30	1S6A: (20 min.) Case Study: Vibration Monitoring with Wireless MEMS-Based Accelerometers Technology - <i>N Satheesh Kumar</i> 1S6B: (20 min.) Case Study: Critical Problems of Centrifugal Machines - <i>Profulla Kumar Pa</i>	2S6: Visualising Vibration - A 'Gamechanger' for Troubleshooting, Diagnostics and RCA - <i>Stuart Walker</i>
17:30 - 18:30	Reception with food and drinks in Exhibition Hall	
19:00 - 21:30	Evening Dinner & Entertainment	

AGENDA



DAY 4		THURSDAY, 12 APRIL	
8:00 - 9:00	Morning Coffee and Tea		
9:00 - 9:15	Exhibitor Introductions		
9:15 - 10:00	Keynote Presentation - Making Vibration Analysis Count - <i>Jason Tranter, Founder and CEO, Mobius Institute</i>		
10:00 - 10:30	Morning Coffee and Tea Break in Exhibition Hall		
	STREAM 1	STREAM 2	
10:30 - 11:15	1S7A: (90 min.) Just because Unbalance is the most common vibration problem it isn't always so! - <i>John van Zwienen</i>	2S7A: (20 min) Case Study: Bearing Problem or Scratch on Shaft? - <i>Rao Vamsidhar</i> 2S7B: (20 min) Case Study: Misalignment detection using vibration analysis - <i>Rao Vamsidhar</i>	
11:30 - 12:15	1S7B: (90 min.) cont'd. Just because Unbalance is the most common vibration problem it isn't always so! - <i>John van Zwienen</i>	2S8: High Definition Gearbox Monitoring - <i>Tim Sundstrom</i>	
12:15 - 13:15	Lunch in Foyer & Dessert in Exhibition Hall		
13:15 - 14:00	1S8: Case Study: Vibration Analysis is basically the identification of undesirable Forces - <i>Shivnath Ram</i>	2S9A: (20 min) Case Study: Condition monitoring and proper installation saves energy - <i>Randal Ong</i> 2S9B: (20 min.) Continual Improvement in Reliability Roadmap to Achieve Operational Excellence - <i>Muhammad Asadullah</i>	
14:15 - 15:00	1S9: VFDs: The vibration analyst's worst nightmare - <i>Scott Dow</i>	2S10: Calculating ROI on Predictive Maintenance Programs and link to Key Performance Indicators - <i>Krishnan Shrikanth</i>	
15:00 - 15:15	Afternoon Coffee Break		
15:15 - 16:00	1S10A: (90 min.) Case Study: Test your Skills; Interactive Diagnostic Challenge Session - <i>Dean Whittle</i>	2S11: Case Study: Setting up a Vibration Analysis Program in Coal Processing Plants - <i>Priyan Perera</i>	
16:15 - 17:00	1S10B: (90 min.) cont'd. Case Study: Test your Skills; Interactive Diagnostic Challenge Session - <i>Dean Whittle</i>	2S12: Case Study: Basic consideration in successful in-situ Dynamic Balancing of critical rotary Machines - <i>Shivnath Ram</i>	
17:00 - 17:30	Interactive Forum, Closing & Giveaways		

*Schedule subject to change.

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REGISTRATION INFORMATION

POWERED BY MOBIUS INSTITUTE

IMVAC
ASIA 2018



Singapore Marriott Tang Plaza Hotel, Singapore, ASIA

IMVAC special hotel rate: SGD\$290.00 per night



3-DAY ADMISSION

(RATE EXPIRES 6 FEBRUARY 2018)

- ✓ 3-Day Single Pass - \$799USD pp
- ✓ 3-Day Team Pass for 3+ people - \$649USD pp*

[REGISTER ONLINE](#)

4-DAY ADMISSION

(RATE EXPIRES 6 FEBRUARY 2018)

- ✓ 4-Day Single Pass - \$1,099USD pp
- ✓ 4-Day Team Pass for 3+ people - \$949USD pp*

[REGISTER ONLINE](#)

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

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

- ✓ Conference swag and exclusive resources

*Check website for further discounts.

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