

# IMM INTERNATIONAL APPLIED VIBRATION CONFERENCE (IAViC) 2018

ADVANCEMENT OF VIBRATION TECHNOLOGY IN THE 21ST CENTURY

ROYALE CHULAN KUALA LUMPUR | 21 - 22 NOVEMBER 2018



**DATO' DR. IR. MOHD ABDUL KARIM ABDULLAH**  
IMM VIBRATION COMMITTEE CHAIRMAN (MALAYSIA)



**BRICE NELAIN**  
VIBRATEC GROUP SA (FRANCE)



**ROB SWINDELL**  
WOOD PLC (UNITED KINGDOM)



**COMMANDER IR. DR. ARMAN BARIFFIN**  
NAVAL ENGINEER, ROYAL MALAYSIAN NAVY (MALAYSIA)



**FADHLANI NIK ABDUL AZIZ**  
HEAD (INNOVATION MANAGEMENT), PETRONAS (MALAYSIA)



**MOHD SYUKRI B MOHD KHALID**  
LEAD, ROTATING EQUIPMENT DISCIPLINE, SHELL (MALAYSIA)



**PROF. IR. DR. M SALMAN LEONG**  
UNIVERSITI TEKNOLOGI MALAYSIA (UTM)

## ABOUT IAViC

Asset owners and engineers from Oil & Gas, marine, automotive and locomotive industries and even academicians cannot deny the need and importance of vibration technology as an effective diagnostic tool to troubleshoot various problems related to design, construction, operation or maintenance. It has been a proven technology for decades and is very relevant in the era of Industry 4.0. Especially when Internet of Things (IOT), Big Data & Data Analytics, Artificial Intelligence (AI) and smart technology are the current trend, it is important to know how to take advantage of the trend and remain relevant while performing vibration analysis.

This international conference is organised by the IMM vibration committee, the largest technical committee that represents the Vibration community in Malaysia. The IMM vibration committee consist of captains of the industry as well as senior technical specialists from leading organizations such as Petronas, Shell, Woodgroup, Vibratec, Serba Dinamik, RZF Engineering, Baytech and AFCM as well as renowned academicians from UTM, UiTM, UM, UTAR, USM and UNIKL. In addition to that, senior engineers from government agencies such as SIRIM, the R&D arm of the Ministry of Defence and the Royal Malaysian Navy are also active members of the organising committee.

This international conference will showcase the **latest technologies** and methodologies from the **vibration world** through relevant topics and case studies to **support** and **enlighten** the above mentioned statements. Participants can expect to **engage** and **learn** something new from **industry leaders** and **academicians** from top universities. From keynote speeches to exhibition, from forum to demonstration, IAViC covers it all.

### WHO SHOULD ATTEND

- // Vibration Analysts
- // Mechanical And Maintenance Engineers
- // Plant Owners
- // Overall Industry Professionals
- // Post graduate students
- // Academicians

### WHY YOU SHOULD ATTEND

- // Networking with industry leaders and peers
- // "Melting pot" for Universities and industries
- // Staying relevant with latest technologies
- // Knowledge sharing with subject matter experts
- // Learn new skills
- // Invest in your future

### WHAT ATTENDEES GET

- // 2 full day pass of the conference and access to the forum talk
- // Keynote presentation by industry experts
- // Hands-on demonstration and case studies
- // IMM membership
- // Daily tea and lunch break session for both days

**KEYNOTES**  
**5**

**EXHIBITORS**  
**10+**

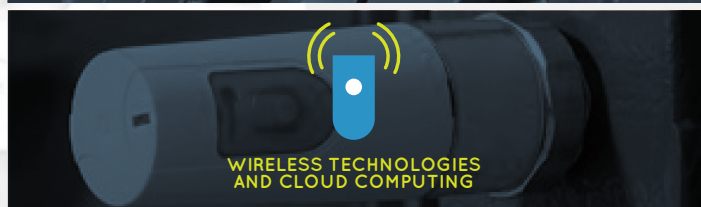
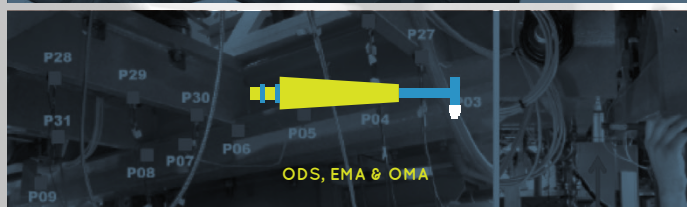
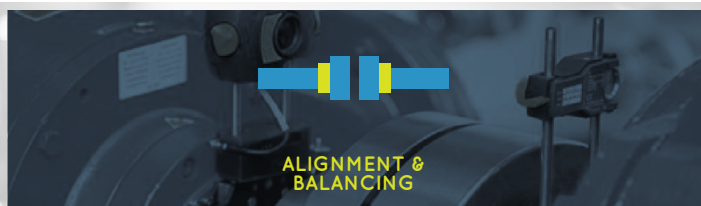
**ATTENDEES**  
**200+**

**SPEAKERS**  
**12+**

**FORUM**  
**2**

**DAY 1 // 21 NOVEMBER 2018**

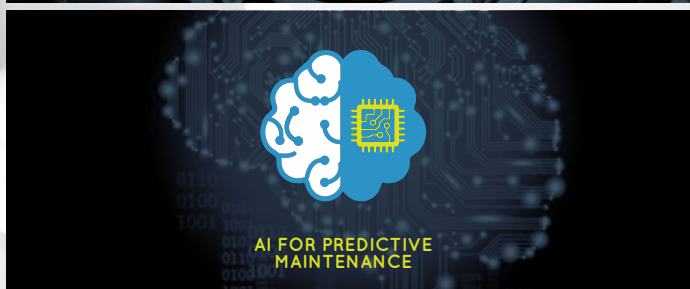
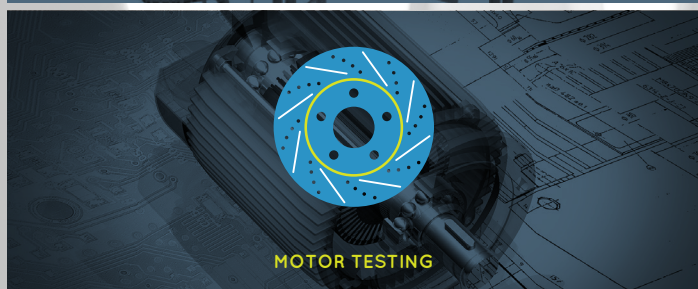
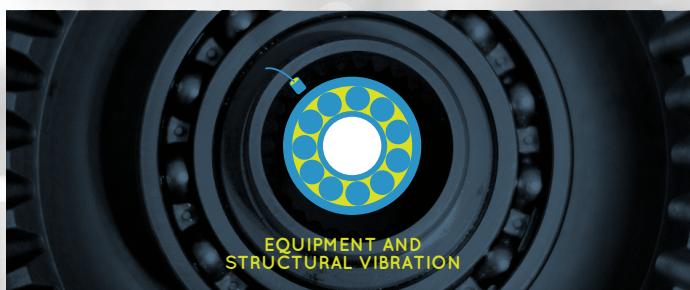
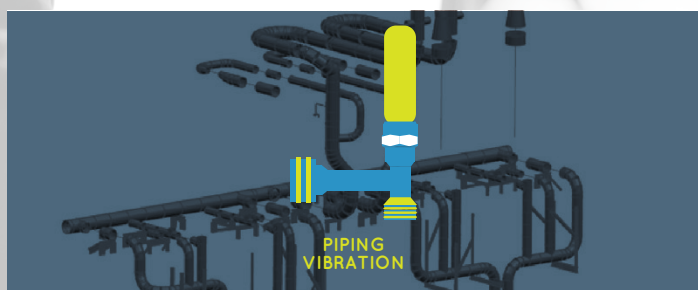
8.30am - 9.00am	Delegate registration
9.00am - 9.05am	MC speech
9.05am - 9.15am	Opening speech: <b>Tuan Mohd Azmi Mohd Noor</b> <i>IMM President</i>
9.15am - 9.35am	Welcoming speech: <b>Dato' Dr. Ir. Mohd Abdul Karim Abdullah</b> <i>IMM Vibration Committee Chairman</i>
9.35am - 10.00am	Guest Speaker: <b>Innovation Gateway @ Petronas</b> <i>By Fadhlan Nik Abdul Aziz, PETRONAS</i>
<b>10.00am - 10.30am</b>	<b>Morning break</b>
10.30am - 10.50am	Keynote speaker 1: <b>Application of Vibration Signature to Diagnose Gas Turbine Engine Stall</b> <i>By Khairul Anwar Bin Mohd Nor, PETRONAS</i>
10.50am - 11.10am	<b>Frequent Centrifugal Compressor Failure On Production Platform</b> <i>By Juarez Lowe, VROC (Australia)</i>
11.10am - 11.30pm	<b>Impact - Synchronous Modal Analysis (ISMA) - An Alternative For Operational Modal Testing</b> <i>By Ir. Dr. Alex Ong Zhi Chao, University Malaya</i>
11.30am - 11.50pm	<b>Dealing Vibration With Ageing Process Facilities Rotating Equipment</b> <i>By Ahmad Nu'man Ahmad Fawzal, AF Condition Monitoring</i>
<b>11.50pm - 2.00pm</b>	<b>Lunch break</b>
2.00pm - 2.20pm	Keynote speaker 2: <b>A Methodology for Railway Ground Borne Noise and Vibration Prediction</b> <i>By Brice Nelain, Vibratex (France)</i>
2.20pm - 2.40pm	<b>4.0 Technology and Big Data Analytics for Turbomachinery Vibration Analysis</b> <i>By TBA, GE</i>
2.40pm - 3.00pm	<b>Flow Induced Vibration</b> <i>By Dr. Nadiah Yusop, Universiti Teknologi MARA</i>
3.00pm - 3.20pm	<b>International Speaker - TBA</b>
<b>3.20pm - 4.00pm</b>	<b>Afternoon coffee and tea break</b>
4.00pm - 5.00pm	<b>Forum (The Significance of Vibration Technology In The Industry 4.0)</b>
5.00pm - 6.00pm	Exhibition time





**DAY 2 // 22 NOVEMBER 2018**

9.00am - 9.10am	Delegate registration
9.10am - 9.45am	Keynote speaker 3: <b>Vibration Analysis on Turbomachinery</b> <i>By Mohd Syukri Mohd Khalid, Shell</i>
9.45am - 10.15am	<b>Morning break</b>
10.15am - 10.35am	<b>The Energy Institute AVIFF Guidelines: 10 Years of Learning</b> <i>By Rob Swindell, Wood PLC (United Kingdom)</i>
10.35am - 11.05am	<b>Case Studies on Machinery Vibrational Issues</b> <i>By Prof. Ir. Dr. M Salman Leong, Universiti Teknologi Malaysia</i>
11.05am - 11.25am	<b>Noise, Vibration and Harshness on Latest Vehicles</b> <i>By Ir. Azmi b Osman, Proton R&amp;D</i>
11.25am - 11.45am	<b>International Speaker - TBA</b>
11.45am - 2.00pm	<b>Lunch break</b>
2.00pm - 2.20pm	Keynote speaker 4: <b>Vibration Battle on Royal Malaysian Navy Warships</b> <i>By Commander Ir. Dr. Arman bin Ariffin, Navy</i>
2.20pm - 2.40pm	<b>Wireless Vibration Monitoring</b> <i>By TBA, SKF</i>
2.40pm - 3.00pm	<b>Integrating Vibration Monitoring Into Plant Control System</b> <i>By TBA, Siemens</i>
3.00pm - 3.20pm	<b>International Speaker - TBA</b>
3.20pm - 4.00pm	<b>Afternoon coffee and tea break</b>
4.00pm - 5.00pm	<b>Forum (Challenges To Increase Vibration Analysis Relevance In The 21st Century)</b>
5.00pm - 6.00pm	Exhibition time



PLATINUM	GOLD	TABLE TOP
<ul style="list-style-type: none"> <li>// 6m x 3m (customize booth)</li> <li>// Logo placement on collateral materials and venue</li> <li>// Logo branding on backdrop and structures</li> <li>// Video production coverage for platinum sponsor</li> <li>// Write-up coverage on IMM magazine</li> <li>// 6 pax admission</li> <li>// Presentation slot</li> </ul>	<ul style="list-style-type: none"> <li>// 3m x 3m (shell scheme)</li> <li>// Logo placement on collateral materials and venue</li> <li>// Logo branding on backdrop and structures</li> <li>// Video production coverage for gold sponsor</li> <li>// Write-up coverage on IMM magazine</li> <li>// 5 pax admission</li> </ul>	<ul style="list-style-type: none"> <li>// 2 table top</li> <li>// Logo placement on collateral materials</li> <li>// 2 pax admission</li> </ul>
<b>RM15,000</b>	<b>RM8,000</b>	<b>RM4,000</b>

**PLATINUM SPONSORS**



**GOLD SPONSORS**



**EXHIBITORS**



## 2-DAY ADMISSION

2 day single pass

RM1,000

## 2-DAY GROUP ADMISSION

2 day group pass (3 pax)

RM2,500

// Access to ALL forum talks,  
keynote talks and exhibition  
hall// Includes food, beverages and  
networking session// ALL collateral materials from  
the conference

NO.	NAME	COMPANY	EMAIL	COUNTRY
1				
2				
3				
4				
5				
6				

## I AM INTERESTED IN\*:

<input type="checkbox"/>	SPONSOR
<input type="checkbox"/>	EXHIBITOR
<input type="checkbox"/>	DELEGATE SINGLE PASS

<input type="checkbox"/>	DELEGATE GROUP PASS (3 PAX)
<input type="checkbox"/>	STUDENT (RM200)

\*PLEASE PROVIDE STUDENT ID CARD

## PAYMENT MUST BE MADE BY CHEQUE, TELEGRAPHIC TRANSFER &amp; BANK DRAFT TO :

ACCOUNT NAME : FIRM MOTION SDN BHD  
ACCOUNT NO : 562106662835  
BANK NAME : MALAYAN BANKING BERHAD ( MAYBANK )  
BANK BRANCH : SHAH ALAM MAIN BRANCH  
COUNTRY : MALAYSIA  
SWIFT CODE : MBBE MYKLSHA

PAYMENT MUST BE MADE AT LEAST ONE WEEK BEFORE THE CONFERENCE.  
WE DO NOT ACCEPT ONSITE PAYMENT.  
PROOF OF PAYMENT TO BE EMAILED TO THE PERSON IN CHARGE AS BELOW.

FOR ANY ENQUIRIES, PLEASE CONTACT :

MAIN CONTACT EMAIL  
Email : iavic.events@firm-motion.com

Ms. Zuraini Che Muhamad  
Email : zuraini@firm-motion.com  
Tel : 019 - 3790 467

Firm Motion SDN BHD  
5-5 Pusat Dagangan Shah Alam,  
Lot 8 Persiaran Damai Seksyen 11,  
40100 Shah Alam, Selangor Darul Ehsan



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*Mohd Sukri Mohd Khalid*

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