



ICVSSD2017 – Conference Schedule

<u>Time</u>	<u>Program</u>
0815	: Registration
0845	: Session A : Vibration/General - Chairperson : Dr. Hasnida Ab Samat
1000	: Opening Ceremony - Speech by ICVSSD2017 Chairman, Professor Dr. Zaidi Mohd Ripin - Officiating Speech by Dean of School of Mechanical Engineering USM, Professor Dr. Zainal Alimuddin Zainal Alauddin - Group photo session
1030	: Morning Break
1050	: Keynote Address 1 “Introduction and Application of Powertrain 3-Points Mounting (Pendulum Type) to Reduce Vibration of Vehicle: Experimental Investigation” Mr. Muhammad Razi Jusoh, Proton Holdings Berhad
1120	: Session B : Vibration - Chairperson : Dr. Mohamad Aizat Abas
1300	: Lunch Break
1400	: Session C : Sound/Acoustics - Chairperson : Dr. Ramdziah Md. Nasir
1530	: Keynote Address 2 “The Influence of Centre of Pressure on the Squeal Propensity of an Automotive Disc Brake” Professor Dr. David Barton, University of Leeds
1600	: Coffee Break
1615	: Session D : System Dynamics - Chairperson : Dr. Teoh Yew Heng
1730	: Closing Ceremony - Closing speech by ICVSSD2017 Chairman - Dinner

ICVSSD2017 - Presentation Schedule**Session A (0845-1000) : Vibration/General**

NO.	#ID	TIME	TITLE	AUTHORS	PRESENTER
A1	01	0845	Study on Engine Misfire Detection (EMD) Using Supervise Learning Algorithm.	Muhammad Zaim, Elmi Abu Bakar, Mohd Fauzi Ismail	Muhammad Zaim (USM)
A2	03	0900	Simplified instrument to realize real-time of metal ions concentration data on laboratory-scale model for demonstrated industrial effluent discharge.	Mohammad Nizar Mohamed Zukri, Elmi Abu Bakar, Mohamad Nazir Abdullah	Elmi Abu Bakar (USM)
A3	06	0915	Application of 2k Factorial Design in the Optimization of Phase Formation, Density and Dielectric Properties of CaCu ₃ Ti ₄ O ₁₂ .	Muhammad Qusyairie Saari, Julie Juliewatty Mohamed, Nur Shafiza Afzan Mohd Shariff, Mohamad Johari Abu, Mohd Fariz Ab Rahman, Hasmaliza Mohamad, Zainal Arifin Ahmad	Muhammad Qusyairie Saari (UMK)
A4	14	0930	Characterization of Sandwich-Type Beam With Double Piezoelectric Patch Materials Using Ansys Software.	Nur Azima Aziz Jaafar, Ahmad Zhafran Ahmad Mazlan	Nur Azima Aziz Jaafar (USM)
A5	21	0945	Structural Analysis on Stretchable Electronics Joints of Automotive LED Lighting under Vibration Loading.	Fikri Sharif, Aziz Saad, Nadirah Mustafa, Fakhrozi Che Ani, Mohd Yusuf Tura Ali	Fikri Sharif (USM)

Session B (1120-1300) : Vibration

NO.	#ID	TIME	TITLE	AUTHORS	PRESENTER
B1	04	1120	Analysis of handle design with anti-vibration coating using a lumped parameter model to predict the vibration response in the hand-arm system.	B Jain A R Tony, Dr. M.S Alphin, D Velmurugan	B Jain A R Tony (SSN, India)
B2	09	1135	Multimode vibration energy harvesting using dual cantilever system at wideband operating frequency range.	Muhammad Zaki Abdul Rahim, Muhammad Najib Abdul Hamid, Zainal Nazri Mohd Yusuf	Muhammad Zaki Abdul Rahim (UniKL)
B3	10	1150	Increasing Brake Factor and Reducing Drum Brake Squeal	Siti Nor Nadirah Baba, Muhammad Najib	Siti Nor Nadirah Baba

			Propensity through the Modification of brake shoe.	Abdul Hamid, Shahril Nizam Mohamed Soid	(UniKL)
B4	17	1205	Application of the Active Force Control Method to Reduce the Vibration of the Suspended Handle: Experimental Investigation.	Farah Naimah Rogaizat, Ahmad Zhafran Ahmad Mazlan	Ahmad Zhafran A.Mazlan (USM)
B5	22	1220	Rotating Machinery Reliability Enhancement at Offshore Platform Via Effective Vibration Analysis.	Syed Afdhal Sayed Ghazali, M Zaha Mira M Idrus	Syed Afdhal Sayed Ghazali (Petronas)
B6	23	1235	A Study on the Driver and Passengers Comfort Due To Vehicle Floor Panel Vibration.	Zainal Nazri Mohd Yusuf, Muhammad Najib Abdul Hamid, Muhammad Zaki Abdul Rahim	Zainal Nazri Mohd Yusuf (UniKL)
B7	-	1250	<i>Sponsor Talk 1 : INVICOM Test & Measurement.</i>	-	INVICOM

Session C (1400-1530) : Sound/Acoustics

NO.	#ID	TIME	TITLE	AUTHORS	PRESENTER
C1	11	1400	Noise Abatement System in Commercial Aircraft by using Bias Acoustic Liner.	Qummare Azam, Mohd Azmi Ismail, Nurul Musfirah Mazlan	Qummare Azam (USM)
C2	12	1415	Acoustics and Speech Intelligibility Quality of Taman Putri, Kulai, Johor Multipurpose Hall.	Mohamad Ngasri Dimon, Aulia Nur Zhahran, Mokhtar Harun, Siti Zaleha Abdul Hamid	Mohamad Ngasri Dimon (UTM)
C3	13	1430	Numerical Analysis of the Effectiveness of Noise Isolation of Various Type of Walls From Traffic Noise.	Kuan Lin Jie, Teoh Choe Yung, Ko Ying Hao, Goh Yeh Huann	Kuan Lin Jie (KTAR)
C4	15	1445	Effect of Reverberation on Speech Intelligibility of Malay Words in Medium Classroom.	Mokhtar Harun, Khairunnisa Mohd Yusof, Mohamad Ngasri Dimon, Puspa Inayat Khalid, Siti Zaleha Abdul Hamid, Nazli Che Din	Mokhtar Harun (UTM)
C5	16	1500	Effects of Diameter of Sound Holes and Their Position on the Natural Frequencies of Soundboards.	Chua Shyong Fei, Ko Ying Hao, Lee Meng Kong, Teoh Choe Yung, Goh Yeh Huann, Lee Yoon Ket	Chua Shyong Fei (KTAR)

C6	-	1515	Sponsor Talk 2 : DAG Technologies	-	DAG
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Session D (1615-1730) : System Dynamics

NO.	#ID	TIME	TITLE	AUTHORS	PRESENTER
D1	05	1615	Simulation of Aeroelastic System with Aerodynamic Nonlinearity.	Muhamad Khairil Hafizi Mohd Zorkipli, Norizham Abdul Razak	M. K. Hafizi M. Zorkipli (USM)
D2	07	1630	Limit Cycle Oscillation of Aeroelastic Testing Apparatus for Wind Tunnel Testing.	Ahmad Faris R.Razaami, Norizham Abdul Razak	A. Faris R.Razaami (USM)
D3	18	1645	Challenges of the Design of Orthosis for Hand Tremor Attenuation of Parkinson's Disease Patients.	Zaidi Mohd Ripin, Chan Ping Yi and Goh Cheng Teik	Zaidi Mohd Ripin (USM)
D4	19	1700	Correction of the Dynamic Effect in Weight Measurement Using the Load Cell.	Nabil Usamah, Izudin Alisah and Zaidi Mohd Ripin	Nabil Usamah (USM)
D5	20	1715	Dynamic Measurement of Engine Mount Properties Using Hysteresis Loop Method.	Iskandazaqwan Zikrullah, Lu-Ean Ooi	Iskandazaqwan Zikrullah (USM)