

6th International Conference on Noise Vibration and Comfort 2018

5 to 7 March 2018

List of accepted abstracts was updated on 4 January 2018. More update to come!!

Paper Id	Authors	Title of Paper
NVC001	Khairil Anas Md Rezali	Vibration transmission from agriculture tools
NVC002	Jamaiyah Mohd Noh	Effects of motorcycle speed on vibration transmission to the hand
NVC003	Osam Hassan Attia	USE OF RENEWABLE ENERGY FOR REMOVAL OF DUST FROM SOLAR PANEL SURFACE
NVC004	Hafiz Bin Jamaludin	Design, Fabricate and Analysis of Tremor Test Rig to Emulate Human Hand Tremor
NVC005	Assoc. Prof. Ir. Dr. Raja Mohd Kamil Bin Raja Ahmad	The Performance of THF-NLFXLMS Active Noise Control Algorithm Under Different Degree of Nonlinearity and Tonal Noise Amplitude
NVC006	Reem Musab Abdul Satar	Tremor control using gyroscope actuator
NVC007	Razali Samin	Application of chatter vibration prediction by modal analysis for surface roughness monitoring in CNC turning
NVC008	Siti Aisyah Adam, Nawal Aswan Abdul Jalil, Khairil Anas Md Rezali, Ng Yee Guan	Numerical study of seat vertical suspension-person model for off-road vehicles
NVC009	Mohd Farid Bin Aladdin	Evaluation of discomfort from combined noise and vibration environment inside passenger vehicle cabin
NVC010	Tuan Ahmad Zahidi bin Tuan Abdul Rahman	Dynamic Modelling and Active Vibration Control of a Flexible Beam Structure using Chaos-enhanced Stochastic Fractal Search algorithm
NVC011	Ravindran Kalidas	Noise radiated by an electric powertrain: simulation methodology and optimization process
NVC012	Rosmazi bin Rosli	Simulation of an active force control scheme for a semi active seat suspension system using MR damper
NVC013	Mohd Amzar Azizan	Evaluating Driving Performance Subjected to Whole-Body Vibrations
NVC014	Muhajir Ab. Rahim	Effects of a Voice Coil Actuator for a Low Frequency Vibration Control

NVC015	NUR ADILLA BINTI KASIM	Cutting Tool Wear Progression Index by Signal Element Variance
NVC016	Mohamad Azam Shah Bin Aziz Shah	The investigation of dynamic response for finite element model of laser stitch welded structure
NVC017	Norzailan bin Azahari	Modelling the Transmission Loss of Vehicle Door Sealing System Using the Hybrid Finite Element (FE) – Statistical Energy Analysis (SEA) Method
NVC018	Linasuriani Muhamad	Performance of piezoelectric Energy Harvester with rubber compound application
NVC019	Dr Zaiton Haron	Impulsive Noise Characteristics Created by Transverse Rumble Strips
NVC020	Rohaizat Omar	NUMERICAL AND EXPERIMENTAL MODAL ANALYSIS FOR THE DETERMINATION OF AN EFFICIENT FINITE ELEMENT MODELLING OF THE BOLTED JOINTS
NVC021	Kumaresan Magaswaran	EXPERIMENTAL STUDY OF ACOUSTIC BLACK HOLE (ABH) EFFECT: A REVIEW
NVC022	Sharifah Bt Mohd Nazri	MODEL UPDATING OF BOLTED JOINTS STRUCTURE USING RESPONSE SURFACE METHOD
NVC023	Ahmad Zhafran Ahmad Mazlan	Characterization of the Humming-type Noise and Vibration of the Automotive HVAC System
NVC024	Musli Nizam bin Yahya	Comparison on the sound absorption of biodegradable composite microperforated panel and conventional microperforated panel.
NVC025	MUHAMMAD ABDUL RAHMAN BIN PAIMAN	Hissing Noise Reduction from Air Conditional System of the Automotive Vehicle using Structural Dynamic Modification (SDM) Method
NVC026	Finn Kryger Nielsen, Mohd Farid Mohamed	Designing vehicle sound and vibration using the NVH driving simulator approach
NVC027	Dr. Mohamad Ngasri Dimon	The design of small theatre hall for local music performances
NVC028	Farah Hanim Abd Jabar	Audio Feature Extraction of Quranic Maqamat using Enhanced Mel Frequency Cepstral Coefficient Algorithm
NVC029	MUHAMMAD DANIAL BIN ABU HASAN	Output-only dynamic identification of frames by a modified FDD-based algorithm
NVC030	Muhammad Firdaus bin Isham	Gear Monitoring using Advance Variational Mode Decomposition and Extreme Learning Machine

NVC031	MOHD SYAHRIL RAMADHAN BIN MOHD SAUFI	Bearing Fault Diagnosis using Deep Sparse Autoencoder
NVC032	Muhammad Aizzuddin Bin Abdullah	The Application of FBG Pressure Transducer for Pipe Friction Loss Measurement
NVC033	SITI MARYAM SILAHUDDIN	DESIGN AND DEVELOPMENT OF MODULAR VIBRATION TEST RIG FOR COMBINATION TYPES OF FAULT IN ROTATING MACHINERY
NVC034	Wan Imaan Izhan Bin Wan Iskandar Mirza	Innovative FRF Measurement Approach for Experimental-Analytical Dynamic Substructuring.
NVC035	Mokhtar Harun	Acoustics Design for Optimal Speech Intelligibility of Velodrom Nasional Nilai Negeri Sembilan
NVC036	Mohd Syazwan Mohd Zin	EXPERIMENTAL MODAL ANALYSIS PROCEDURE FOR A WELDED STRUCTURE MADE FROM THIN STEEL SHEETS
NVC037	Dr. Mohd Nur Fitri B Ismail	In-Situ Balancing of a Large Compressor to Reduce Vibration: Field Case Study
NVC038	Nazli Che Din, Tio Seng Zhi and Chia Keng Soon	EVALUATION OF ACOUSTICAL PERFORMANCE FOR ATRIUM DESIGN WITH RESPECT TO SKYLIGHT MATERIALS BY USING COMPUTER SIMULATION
NVC039	Nazli Che Din and Afi Saiful Anuar	THE EFFECT OF DOME DESIGN ON ACOUSTICAL PERFORMANCE OF A MOSQUE: SHAPE AND LOCATION
NVC040	Razali Samin	Experimental investigation of chatter vibrations effect on surface roughness in machining of pre-hardened steel AISI P20
NVC041	Razali Samin	Identification of Process Damping to Improve Stability for Chatter Vibration in Machining Processes
NVC042	Mohd Shahrir Mohd Sani	Investigation of dynamic properties of frame structure with bolted joints using model updating approach
NVC043	MOHD SHAHRIR MOHD SANI	Joining Strategy Analysis of Structural Dynamic in Top Hat Plate of Dissimilar Materials
NVC044	DG HAFIZAH BINTI KASSIM	ANALYSIS OF DOME GEOMETRY ON THE ACOUSTIC PERFORMANCE OF A SIMPLE STRUCTURED MOSQUE.
NVC045	Syed Mohd Fairuz Bin Syed Mohd Dardin	Restructuring Machinery Placement In Workshop-Type Operation Based On Noise Profile
NVC046	Hanim Salleh , S. Rao, S.Taness, S.N Fauzi, A.A. Ayub and J.G Patrick	COMPARISON OF HYBRID AND NON-HYBRID TRIBOELECTRIC ENERGY HARVERSTER BASED ON CONTACT MODE

NVC047	Thandayuthapani Seperamaniam	Vibration Transmissibility Characteristic Across Hydrostatic Bearing on Rotor
NVC048	Mohd Naquiddin bin Mohd Salleh	Circumferential Crack Detection in Pipe Elbow by Using Torsional Ultrasonic Guided Wave
NVC049	Mohd Sabirin Bin Rahmat	Hybrid control system for magnetorheological elastomer under impact loading application
NVC050	Hanim Salleh	HYBRID VIBRATION ENERGY HARVESTER (HVEH) FOR AN ANDROID BASED CONDITION MONITORING SYSTEM
NVC051	NOOR HAFIZAH HANIM BINTI ABDUL TALIB	DEVELOPMENT OF HIGH-PERFORMANCE ORTHOGONAL PIEZOELECTRIC ENERGY HARVESTER FOR LOW FREQUENCY APPLICATION
NVC052	Muhammad 'Aasim Asyafi'ie bin Ahmad	The Effect of Reverberation on the Formant Frequency of Malay Words
NVC053	DG HAFIZAH BINTI KASSIM	ANALYSIS OF DOME GEOMETRY ON THE ACOUSTIC PERFORMANCE OF A SIMPLE STRUCTURED MOSQUE.
NVC054	Raphael Joshua Mailabari	Vibration Based Structural Health Monitoring of Petroleum Pipeline
NVC055	S Maeda	NEW JAPANESE GUIDELINES AND FUTURE WORKER HEALTH CONSIDERATION FOR PREVENTING HAND-ARM VIBRATION SYNDROMES
NVC056	Abang Mohamad Aizuddin bin Abang Mohamad Mohtar	A REVIEW OF WEARABLE SENSOR SYSTEMS FOR HAND-TRANSMITTED VIBRATION (HTV) APPLICATIONS
NVC057	Dmitriy	ASSESSMENT OF THE DYNAMIC LOADING ON A VEHICLE TRANSMISSION EQUIPPED WITH A COMBINED POWER UNIT
NVC058	Hesham Ahmed Abdul Mutaleb Abas	DEVELOPMENT OF A SEMI-ACTIVE SUSPENSION CONTROL FOR A QUARTER CAR USING MAGNETO-RHEOLOGICAL FLUID (MRF)
NVC059	NADIRAH BINTI DARUS	IMPULSIVITY OF NOISE DUE TO SINGLE VEHICLES TRANSIT ON TRANSVERSE RUMBLE STRIPS