

Parallel Technical Sessions VI, Thursday 4 July 2013: 09.00 – 10.30

VI A: Modeling and Simulation (MS)			
Chairperson: Dr. Mohammad Abdelrahman		Co-chair: Dr. Mohamed Okasha	
09.00 – 09.15		09.15 – 09.30	
Venue: Manhattan VA		09.30 – 9.45	
<p>30163 3-D CFD TRANSIENT SIMULATION OF TRANSESTERIFICATION IN STIRRED TANK REACTOR AKM Mohiuddin* (IIUM)* Nabeel Adeyemi (IIUM) Suleyman Muyibi (International Islamic University Malaysia)</p>	<p>30167 THREE-DIMENSIONAL VIBRATION ANALYSIS OF FLUID-FILLED PIPES Moumen Idres* (IIUM)* Isa Kolo (International Islamic University Malaysia) RAED KAFAFY (IIUM) Mohd Sultan Ibrahim (IIUM)</p>	<p>1 MODELING AND SIMULATION OF A QUARTER CAR MODEL WITH A NONLINEAR DAMPER Fadly Jashi Darsivan Ridhuan* (IIUM)* Sharis Shahimi (International Islamic University Malaysia)</p>	
<p>30030 NONLINEAR FLIGHT SIMULATION OF LIGHT AIRCRAFT SUBJECTED TO GUST WIND Mohammed Abdulla* (Aeronautical Research Center -)* Tariq Hassan ()</p>	<p>30168 ANALYSIS OF COMPOSITE BOX BEAM WITH PIEZOELECTRIC ACTUATORS USING ANSYS Mohd Sultan Ibrahim (IIUM); Syed Mohamed Ali Jaffar (IIUM); S. M. Kashif (IIUM)</p>	<p>30173 SIMULATION OF WHEEL TYPE FUEL GRAIN IN HYBRID ROCKET MOTOR Raed Kafafy* (IIUM)* Moumen Idres (IIUM) Hanafi Azami ()</p>	<p>10.00 - 10.15</p> <p>10.15 – 10.30</p>
VI B: Power Train (PT) + Engines and Systems (ES)			
Chairperson: Prof. Dr. Waleed Faris		Co-chair: Assoc. Prof. Dr. Erwin Sulaeman	
09.00 – 09.15		09.15 – 09.30	
Venue: Manhattan VB		09.30 – 9.45	
<p>30131 EVAPORATIVE COOLING SYSTEM FOR ELECTRIC VEHICLES BATTERY PACK Ahmad Hilmi Khalid* (IIUM)* Mohammed Ataur Rahman (IIUM) Mohammad Hawlader (IIUM)</p>	<p>30103 EFFECT OF EGR ON THE CHARACTERISTICS OF HCCI ENGINE USING DEE AS AN IGNITION ENHANCER Miller Jothi* (BITS Pilani Dubai Campus)*</p>	<p>30162 DESIGN AND DEVELOPMENT OF A FUEL CELL CAR PROTOTYPE AKM Mohiuddin* (IIUM)*; Mohamed Fadhil Chemani (International Islamic University Malaysia); Mohd Baihaqi Zakaria (International Islamic University Malaysia);</p>	<p>10.00 - 10.15</p> <p>10.15 – 10.30</p>