



# IIUM Engineering Congress 2018



International Islamic University Malaysia



## Programme Book

**ICMAAE'18**

4th International Conference on  
Mechanical, Automotive, and Aerospace Engineering  
2018



**Organized by:**  
Department of  
Mechanical,  
Kulliyah of Engineering



**International Islamic University  
Malaysia**



Parallel Technical Sessions 2, Wednesday, 19 September 2018: 4.00 - 5.30			
M2B: MECHANICAL ENGINEERING			
Chairperson: Prof. Dr. Sher Afghan Khan Co-Chairperson: Dr. Sanisah Saharin			Venue: E2-2-4, Block E2
4.00 - 4.15	4.15 - 4.30	4.30 - 4.45	4.45 - 5.00
<p><b>ID 149: Evaluation Of Air Flow Pattern For Conceptual Design Of Automotive Painting Line Using Computational Fluid Dynamic (CFD) For Better Dust Particle Reduction</b></p> <p><i>Muhammad Hafizan Yosri, Pauziah Binti Muhammad, Norfazrina Hayati Binti Mohd Yatim</i></p>	<p><b>ID 153: Hexapod Robot For Autonomous Machining</b></p> <p><i>Murshiduzzaman, Tanveer Saleh, Md. Raisuddin Khan</i></p>	<p><b>ID 155: The Whirling Frequency Of High-Speed Shaft With Torsional Effect</b></p> <p><i>Siti Amni Husna Roslan, Abdul Malek Abdul Wahab, Zainudin A. Rashid, Amiduddin Abu, Noor Fawazi Mohd Noor Rudin, Fitri Yakub</i></p>	<p><b>ID 156: Prototype Of Single Degree Of Freedom Optical Resolver</b></p> <p><i>Saiful Islam, Tanveer Saleh, Marsad Latief, M. R. M. Asyraf, Asan GA Muthalif</i></p>
5.00 - 5.15	5.15 - 5.30		
<p><b>ID 168: Flexural Behavior Of Open-Cell Aluminum Foam Sandwich Under Three Point Bending</b></p> <p><i>Muataz Hazza F. Al Hazza, Nur Asmawiyah Binti Ibrahim, Erry Y. T. Adesta, Nor Amalina Endut</i></p>	<p><b>ID 171: Numerical Analysis Of Aluminum Foam Sandwich Subjected To Compression Loading</b></p> <p><i>Muataz Hazza F. Al Hazza, Nor Amalina Endut, Erry Y. T. Adesta, Nur Asmawiyah Binti Ibrahim</i></p>		