

CONFERENCE ON MANUFACTURING TECHNOLOGY AND MANAGEMENT		
<i>Session</i>	IA	IB
<i>Venue</i>	Sarawak Chamber, Riverside Majestic	
09.00 – 09.20 hr	Welcoming speech by conference chair	
09.20 – 10.00 hr	Invited speaker : Prof. Dato' Dr. Abdul Hakim bin Juri, President, UNIKL Innovativeness in Product Design for Sustainable Development	
10.00 – 10.20 hr	Coffee Break and Networking	
<i>Venue</i>	SChamber 3, Riverside Majestic	Wind Suite 2, Riverside Majestic
<i>Scope</i>	Innovativeness In Manufacturing & Management	Tooling & Machining Technology
<i>Chairperson</i>	Chairman : Dr. Norzima Zulkifli Co-Chairman : Assoc. Prof. Dr. Siti Zawiah Dawal	Chairman : Dr. Khairul Anuar Co-Chairman : Dr.B.T. Hang Tuah
10.20 – 10.40 hr	CMTM94 Various Tools Of Materials Selection For Natural Fiber Composites Umar, A.H, Zainuddin, E.S, Sapuan, S.M, Fairuz, A.M	CMTM 5 Optimization Of Uncoated Carbide Tool Geometries On Effective Cutting Stress And Cutting Temperature Using Finite Element Analysis Liyana Tajul, Jaharah A.G. Murat B.I.S., Hasnul Jaafar
10.40 – 11.00 hr	CMTM37 Virtual Reality Application In Continuous Improvement Process (Cip) Workshop: A Review Maryam Mousavi, Faieza Abdul Aziz, Norliyana Nor Hisham Shah	CMTM24 The Effect Of Synthetic Soluble Cutting Fluid Pressure Towards Machinability Using Stainless Steel 304 With Coated Cemented Carbide Insert Prof. Dr. Mohd Razali Bin Muhamad , Zainal Ariffin Bin Selamat
11.00 – 11.20 hr	CMTM59 Developing Spreadsheet Based Decision Support System To Solve Warehouse Layout Problem Taravatsadat Nehzati, Napsiah Ismail, Hannaneh Rashidi Bajgan, Faieza Abdul Aziz	CMTM51 Materials Machinability Comparison Using Surface Roughness And Root Mean Square For Cutting Tool Vibration As Performance Characteristics In Turning Process Adeel h. Suhail, N.Ismail, Basim A.Kidhir, Bashir Mohammed
11.20 – 11.40 hr	CMTM28 E-Manufacturing Throughout Production Systems Noorul Amni Qistina Mohd Daud, Nor Kamaliana Khamis, Napsiah Ismail, Nurul Akhtar Abd Hamid, Nurul Adillah Ariffin Mohd Ariffin	CMTM66 Applications Of Intelligent Tool Path Strategy To Increase Efficiency And Productivity In Manufacturing M.Nurhaniza, M.K.A.M.Ariffin, Aidy Ali, F. Mustapha, H.K Alsultaney
11.40 – 12.00 hr	CMTM70 Design Improvement Of Carrier Tapes In The Packing Of Semiconductor Devices Mohana Pria Rainoo Raj, N.Ismail, M.Y.Ismail	CMTM82 The Tensile Properties Of Single Fibre From Different Part Of Sugar Palm Tree J Sahari, M.Z.Ab.Rahman,S.M.Sapuan,M.R.Ishak, M.S.Ibrahim
12.00 – 12.20 hr	CMTM74 Critical Factors Of Green Design For Malaysia Automotive Industry Using Confirmatory Factor Analysis Approach Zakuan, N., Saman, M.Z.M., Wei, K.L. Chiao, L.M.	CETE91 Tool Condition Monitoring Using Ae Signal In Turning Of Assab-705 Steel Choudhury, I.A, Lee, C.Y, Bhuiyan, M.S.h, Nukman, Y

12.20 – 12.40 hr		CMTM72 Tool Life Investigation In Dry Turning Of Inconel 718 With Pvd Tialn-Coated Wc Insert C.H. Che Haron, J.A. Ghani, H S Yunn, M.S. Kasim, M.A. Sulaiman, Gusri A.I.
12.40 – 14.00 hr	Lunch Break and Networking	
<i>Session</i>	IIA	IIB
<i>Venue</i>	SCamber 3, Riverside Majestic	Wind Suite 2, Riverside Majestic
<i>Scope</i>	Ergonomics, Safety & Health	Materials & Manufacturing Process
<i>Chairperson</i>	Chairman: Assoc. Prof. Dr. Rosnah Mohd. Yusuff Co -chairman : Prof. Dr Sha'ari Mohd. Yusof	Chairman : Prof. Dr. Shamsuddin Co -chairman : Dr. Shahrul Bin Kamaruddin
14.00 – 14.20 hr	CETE1 Toy Safety: Issues And Challenges Aini, M.S., Noor Syaizwanna, S., Rumaya, J., Afida Mastura, M.A. & Nur 'Afni, H.	CMTM8 Solidification Analysis Of Metal Matrix Composites: Latent Heat And Solid Fraction Aspects N.Fatchurrohman, S.Sulaiman, M.K.A.Ariffin, A.A.Faieza
14.20 – 14.40 hr	CMTM10 Investigation On Upper Limb And Lower Back Muscles Activities During Sedentary Work Nurhayati Mohd Nur, Siti Zawiah Md Dawal	CMTM9 Solidification Properties Of Metal Matrix Composites: Aluminium Alloy Reinforced Wth Titanium Carbide Particulates Fabricated By Sand Casting Method N.Fatchurrohman, S.Sulaiman, M.K.A.Ariffin and A.A.Faieza
14.40 – 15.00 hr	CMTM20 Analysis Of Muscle Fatigue During Prolonged Standing Jobs In Manufacturing Industry Utilizing Ergonomics Assessment Isa Halim, Abdul Rahman Omar, Alias Mohd Saman, Abdul Hadi, Ibrahim Othman	CMTM56 Minimization Of Shrinkage And Warpage In Injection Moulding Process For Abs Materials Via Taguchi Optimization Method Ng. Chin Fei, Shahrul Kamaruddin
15.00 – 15.20 hr	CMTM38 The Impacts Of Occupational Manual Handling To The Employee: A Review Nor Kamaliana Khamis, Faieza Abdul Aziz	CMTM78 The Effect Of Tic Microstructure And Tensile Properties Of Aluminum – 11.8% Silicon Alloy Suraya, S.Sulaiman, S.Sayuti. M, M.K.A.Ariffin, B.T.H.T.Baharudin
15.20 – 15.40 hr	CMTM47 Correlation Between Human Anthropometric Data And Comfortable Driving Postural Angles Darliana Mohamad, Baba Md Deros, Ahmad Rasdan Ismail, Dian Darina Indah Daruis	CMTM90 Microstructure And Hardness Discrepancy Study Of Vertical Parted Ductile Iron Automotive Casting Alias Mohd Saman, Abdul Halim Abdullah, Mohd Asri Mohd Noor
15.40 – 16.00 hr	CMTM 49 Development Of A Malaysian Anthropometric Database Darliana Mohamad, Baba Md Deros, Ahmad Rasdan Ismail, Dian Darina Indah Daruis	CMTM86 The New Standard (ISO 14649) To Address The Process Planning And Machining Yusri Yusof, Nurul Zakiah Zamri Tan, Noordiana Kassim

16.00 – 16.20 hr	CMTM88 Safety, Health And Environment Practices Among Commercial Bus Operators In Malaysia During Ops Bersepadu Chinese New Year 2009 Ilhamah O, Osman Mr, Wahida AB, Zarir HZ, Noor faradila P, Mohamad Suffian A, Abas F, Siti Atiqah MF	CMTM91 Micro-Hole Drilling Of Copper Beryllium Alloys Via Edm-Die Sinking Shazarel Shamsudin, Jong Ban Seng, Shaik Mohamed Mohamed Yusoff
16.20 – 16.40 hr	CETE89 Effectiveness Of SHE Cop In Reducing Speed Violations Noor Faradila Paiman, Mohd Rasid Osman, Rohayu Sarani, Zarir Hafiz Zulkipli, Wong Shaw Voon	CMTM83 The Effect Of Natural Degradation On Tensile Properties Of Sugar Palm (Arenga Pinata) Fibers M.R. Ishak*, S.M. Sapuan, Z. Leman, J. Sahari and M.S. Ibrahim
16.40 – 17.00 hr		CMTM18 Injection Moulding And Thermal Properties Of Polypropylene Hinges Mohd Hilmi Othman, B. Haworth, Jorge Carao
17.00 – 17.20 hr	Tea Break and Networking	
17.20 – 18.00 hr	Poster Session I	
Session	IIIA	IIIB
Venue	SChamber 3, Riverside Majestic	Wind Suite 2, Riverside Majestic
Scope	Innovativeness In Manufacturing And Management	Modeling, Simulation And Artificial Intelligence
Chairperson	Chairman : Dr. Faieza Co-chairman : Assoc. Prof. Dr. Aini Mat Said	Chairman: Dr. Zulkipli Leman Co-chairman : Isa Halim
09.00 – 09.20 hr	CMTM 95 A Conceptual Design Approach To The Development Of An Open-Rack Structure For Miniload As/Rs Mohammadreza Vasili, Tang Sai Hong, Napsiah Ismail, Mehdi Vasili	CMTM25 Quest Simulation Analysis For Facility Layout Redesign Of Handwork Area Masalina Ali, Abdul Rahman Omar, Alias Mohd Saman, Ibrahim Othman, Isa Halim, Abdul Hadi Rahim
09.20 – 09.40 hr	CMTM80 Integrated Inventory Location Problems: A Review Z.Firoozi, S.H.Tang, M.K.M.A. Ariffin, Sh. Ariafar	CETE93 Parametric Model For Early Manufacturing Cost Estimation M.R. M-Zaihirain, N.Ismail, S.M.Sapuan, S.V.Wong
09.40 – 10.00 hr	CMTM60 A Conceptual Framework For Front End Process Implementation For Sme's Noor Hidayah Abu, Baba Md Deros, Dzuraidah Abd Wahab	CMTM54 Developing Inventory Models For The Seller-Buyer And The Vendor Supply Chain R.Shahrjerdil, M.Khairol, F.Mustapha, N.Ismail, M.Esmaeili
10.00 – 10.20 hr	CMTM64 Supplier Selection: Integrating DT And AHP Mohamed K. Omar, A. Hafiz A. Rajak	CMTM62 Development Of Bacteria Foraging Algorithm On Cell Formation Hossein Nouri, Tang Sai Hong. B.T Hang Tuah, Mohd Khairol Anuar
10.20 – 10.40 hr	Coffee Break and Networking	
Session	IIIA(cont.)	IV
Venue	SChamber 3, Riverside Majestic	Wind Suite 2, Riverside Majestic
Scope	Quality Practices, Techniques & Application	Modeling, Simulation And Artificial Intelligence

<i>Chairperson</i>	Chairman: Assoc.Prof. Datin Dr.Napsiah Ismail Co -chairman : Assoc. Prof. Dr. Hj. Baba Deros	Chairman : Prof. Dr. Sapuan Co -chairman : Ir. Mohd.Rasid Osman
10.40 – 11.00 hr	CMTM26 Factors Affecting Effectiveness Of Quality Engineering Implementation In Malaysian And Indonesian Automotive Industries – Delphic Hierarchy Process Methodology Nilda Tri Putri, Sha'ri Mohd Yusof, Dradjad Irianto	CMTM39 Modeling Of Droplet Spreading And Falling By Using Lattice Boltzmann Numerical Scheme Mohd Rody Mohamad Zin, Nor Azwadi bin Che Sidik, Muhammad Zahir bin Hassan, Fudhail bin Abdul Munir
11.00 – 11.20 hr	CMTM53 Quality Improvement Practices & Product Compliance Performance Of Malaysian Electrical & Electronics Manufacturing Sector Muhamad Kamal Sabran, Dr. Norzima Zulkifli	CMTM85 Construction Project Selection Using Ahp And Electre Majid Mojahed, Rosnah Bt Mohd Yusuff
11.20 – 11.40 hr	CMTM61 Lean With Quality Function Deployment Method Loh Chee Keong, Dr. Shahrul Bin Kamaruddin	CMTM81 Development Of A Natural Fibre Composites Selection Using Expert System Fairuz, A.M., Sapuan, S.M., Zainuddin, E.S.
11.40 – 12.00 hr	CMTM73 Lean Manufacturing Assessment In Malaysia Small Medium Enterprises: A Case Study Azrin Hani Abdul Rashid, Muhammad Farid Shaari, Norhayati Mohamad Zakuan@Zakwan and Nor Fazliana Hasan Basri	CMTM79 A Simulated Annealing Algorithm For Facility Layout Problem In Cellular Manufacturing Systems Sh. Ariafar, N.Ismail, S.h.Tang, M.K.A.M.Ariffin, Z.Firoozi
12.00 – 12.20 hr	CMTM92 An Analytical Approach To Customer Driven Manufacturing Mehdi Vasili, Tang Sai Hong, N.Ismail, Mohammadreze Vasili	CMTM71 The Study Of Wear Process On Coated Carbide Cutting Tool In Machining Hardened Steel C.H. Che Haron, J.A. Ghani, L.K. Choon, M.A. Sulaiman, M.S. Kasim
12.20 – 12.40 hr	CMTM22 Overall Equipment Effectiveness In Electronic Industries S Viraya, N Ismail, B.T.H.T Baharudin	CMTM77 New Double Cutters Technology Of Machining Hypoid Gears R. Usubamatov and R. Buvenesh
12.40 – 14.00 hr	Lunch Break and Networking	
<i>Session</i>	IVA	IVB
<i>Venue</i>		
<i>Scope</i>		
<i>Chairperson</i>		
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16.20 – 16.40 hr		
16.40 - 17.00 hr	Tea Break & Networking	
17.00 – 18.00 hr	Poster Session II	
POSTER PAPERS		
<i>No.</i>	<i>Title and Authors</i>	
1.	CMTM46 Efficiency Evaluation And Inefficiency Decomposition, Using Data Envelopment Analysis : An Empirical Study Amir D. Hosseini, M.Y.Ismail, M.Y.Rosnah, Babak Niroumandrad	
2.	CMTM96 Developing A New Loss-Based Process Capability Index Mohammad Abdolshah, Rosnah Mohd. Yusuff, Md. Yusof Ismail, Tang Sai Hong	
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