



## Table of Oral Presentation

Date	Oral Section	Room M103
Saturday, 21 May	M103-S1 14:55 – 15:55	<i>Chair : Kuang-Jau Fann</i>
		<b>ICPMMT-03 14:55</b> <b>Roll Forging Process Design of a Curved Bar</b> <i>Kuang-Jau Fann and Hao-Yu Hsieh</i>
		<b>ICPMMT-19 15:10</b> <b>Finite Element Simulations and Experiments of Cold Drawing of Stainless Steel Rods</b> <i>Yeong-Maw Hwang, Man-Ru Lin, and Hiu Shan Rachel Tsui</i>
		<b>ICPMMT-29 15:25</b> <b>Study on Friction Properties of Different Abrasive Materials and Polylactic Acid Materials</b> <i>Chien-Te Liu, Yuh-Ping Chang, and Jung-Wei Yeh</i>
		<b>ICPMMT-04 15:40</b> <b>Dieless Drawing Wire with a Given End Geometry by Realizing Temperature Distribution Evolution</b> <i>Kuang-Jau Fann and He-Yin Hsu</i>

Date	Oral Section	Room M103
Saturday, 21 May	M103-S2 15:55 – 16:55	<i>Chair : Albert Wen-Jeng Hsue</i>
		<b>ICPMMT-23 15:55</b> <b>Intelligent Music Accompaniment System Based on Discrete Wavelet Transform</b> <i>You-Ting Zhang, Yi-Lin Cheng, Hong-Xin Wu, and Yu-Ping Liao</i>
		<b>ICPMMT-33 16:10</b> <b>Research on Analysis of Tool Wear Signals and Intelligent Diagnosis of CNC Machining Machines</b> <i>Shao-Yi Hsia, Chen-Chung Chang, Cong-Shun Huang, and Maria Isabel Fundales</i>
		<b>ICPMMT-61 16:25</b> <b>A Deep Learning System with a Simplified Network for Resource Recycling</b> <i>Yeong-Lin Lai, Syuan-Yu Shih, and Zhen-Feng Lin</i>
		<b>ICPMMT-47 16:40</b> <b>EDM Processes Planning for the Surface Quality of the AM CORRAX Steel Fabricated by Powder Bed Fusion Additive Manufacture</b> <i>Albert Wen-Jeng Hsue and Chieh-Chi Liao</i>



Date	Oral Section	Room M103
Saturday, 21 May	M103-S3 16:55 – 17:55	<i>Chair : Chun-Ying Lee</i>
		ICPMMT-55 16:55 <b>Optimization of Milling Parameters Based on Five-axis Machining for Centrifugal Impeller with Titanium Alloy</b> <i>Ming-Hsu Tsai, Teng-Hui Chen, Jeng-Nan Lee, and Chen-You Lin</i>
		ICPMMT-28 17:10 <b>Research on Optimization of Cutting Force in AISI D2 Hardened Steel Ultrasonic Vibration-assisted Turning</b> <i>Wei-Tai Huang and Zong-Xian Wu</i>
		ICPMMT-38 17:25 <b>Structural Strength Analysis for Assembly Design of Precision Drawer Slides</b> <i>Jinn-Jong Sheu, Yung-Hong Lee, Xuan-Zhe Chen, and Cheng-Hsien Yu</i>
		ICPMMT-18 17:40 <b>Modelling on the Synergy of Mechanical and Electrical Wear in a Catenary Pantograph System</b> <i>Chun-Ying Lee, Cheng-Hao Huang, Hwai-En Lin, Jhe-Yu Lin, Shang-Pang Yu, Yo-Lun Yang, and Hsin-Hsiung Huang</i>

Date	Oral Section	Room M103
Sunday, 22 May	M103-S4 09:00 – 10:00	<i>Chair : Chun-Hao Chen</i>
		ICPMMT-20 09:00 <b>Research on the Availability Improvement of Weapon System Applying RAM Analysis</b> <i>Po-Ching Yeh and Chin-Jung Chao</i>
		ICPMMT-52 09:15 <b>The Interface Design of Storage and Examination System for BWR Spent Nuclear Fuel Dry Storage Demonstration Project in Taiwan</b> <i>Chun-Hao Chen, Yu-Jen, Lin, Chih-Hao Chen, and Ching-Wei Yang</i>
		ICPMMT-21 09:30 <b>Multiple-object Segmentation by Using a Destructive 3D Digitizer</b> <i>Wei-Chen Lee and Ci-Syu Jiang</i>
		ICPMMT-22 09:45 <b>Exploring the Relationship between Reliability Estimate and Management Mode</b> <i>Po-Ching Yeh and Chin-Jung Chao</i>



Date	Oral Section	Room M103
<b>Sunday, 22 May</b>	<b>M103-S5 10:15 – 11:30</b>	<b>Chair : Meng-Hsiu Tsai</b>
		<b>ICPMMT-39 10:15</b> <b>Selective Laser Melting of Breathable Mold Steel AISI 420</b> <i>I-Lin Lai, Chun-Wei Chiu, and Meng-Hsiu Tsai</i>
		<b>ICPMMT-30 10:30</b> <b>The Simulation and Experimentation of Three Edge Pyramid Engraving</b> <i>Dyi-Cheng Chen and Ci-Syong You</i>
		<b>ICPMMT-46 10:45</b> <b>Research on the Influence of Different Machining Parameters and Cooling and Lubrication Methods on the Change of Chip Color on Tool Life</b> <i>Shao-Hsien Chen, Tzu-Hao Liao, Jyuan-Yu Chen, Yi-Jyun Li, Zhong-Wei Yang, and Hao-Wen Lai</i>
		<b>ICPMMT-17 11:00</b> <b>Eco-friendly Oxalic Acid and Citric Acid Mixed Electrolytes Using for Plasma Electropolishing 304 Stainless Steel</b> <i>Hao-Long Chen, Ya-Xiang Zhang, Yu-Chun Lin, and Chien-Hua Wang</i>
		<b>ICPMMT-58 11:15</b> <b>FEM Simulation on Forward Extrusion of Bi-metal Rod</b> <i>Shi-Wei Huang, Pei-Hsing Huang, and Gow-Yi Tzou</i>