SOUTH EAST ASIA-JAPAN CONFERENCE ON COMPOSITE MATERIALS 2024 (SEAJCCM 2024) TENTATIVE

	DAY 1 (13 th August 2024)		
Time	Events		
0800 - 0825	Participants arrival and registration		
0825 - 0830	Arrival of VIPs		
	Opening and MOU Exchange Ceremony (Tun Sri Lanang 1)		
	National anthem		
	Welcoming speech by emcee		
	Dua recitation		
0830-0930	Welcoming speech by Chairman of SEAJCCM 2024, Prof. Dr Mohd Yazid Bin Yahya		
0630-0930	Speech by representative of University of Liberec, Czechia, Assoc. Prof. Dr. Jaromir Moravec		
	Opening address and officiation by Vice-Chancellor of University Teknologi Malaysia, Malaysia		
	Video montage presentation of SEAJCCM 2024		
	MOU exchange ceremony		
	Photo session		
0930-1000	Tea break		
	Plenary Speaker 1 (Tun Sri Lanang 1)		
1000 - 1030	Prof. Dr. Tomonaga OKABE (Tohoku University, Japan) Multiscale Modeling of Carbon Fiber-Reinforced Composites from Molecule to Structure		
	Moderator: Ts. Dr. Muhammad Asyraf Bin Muhammad Rizal		
	Plenary Speaker 2		
1030 - 1100	Prof. Dr. Tong-Earn Tay (University of Singapore, Singapore) A Perspective on Multi-Fidelity and Machine Learning Modeling of Progressive Damage in Fiber-Reinforced Composites		
	Moderator: Ts. Dr. Muhammad Asyraf Bin Muhammad Rizal		

		Keynote Speaker 1			
1100- 1130	Assoc. Prof. Dr. Ryo Higuchi (The University of Tokyo, Japan) Multiscale and Multiphysics Modeling of Composite from Manufacturing to Design				
		utor: Ts. Dr. Muhammad Asyraf Bin Muhammad			
		Keynote Speaker 2			
1130-1200		Yasir Nawab (National Textile University, Palosites: Modelling, Testing and Improvement by Ir			
	Modera	tor: Ts. Dr. Muhammad Asyraf Bin Muhammad	Rizal		
		Sponsor			
1200-1215	LabAlliance Sdn. Bhd. Expert Tools for Material Characterization				
	Modera	ttor: Ts. Dr. Muhammad Asyraf Bin Muhammad	Rizal		
		Sponsor			
1215-1230	Atomic Solutions Sdn. Bhd. ChemiSEM Technology: SEM and EDS for materials characterizations				
	Moderator: Ts. Dr. Muhammad Asyraf Bin Muhammad Rizal				
1230-1245	Token of Appr	Token of Appreciation Session for Sponsors, Plenary and Keynote Speakers			
1245-1445		Lunch			
		Parallel Presentation Session 1			
	Room: Tun Sri Lanang 1	Room : Tun Sri Lanang 2	Room: Tun Sri Lanang 3		
	Chair: Ts. Dr. Ahmad Ilyas bin Rushdan	Chair: Dr. Norhayani binti Othman	Chair: Prof. Dr. Mat Uzir bin Wahit		
	Invited speaker 1	Invited Speaker 2	Invited Speaker 3		
1445 – 1500	Assoc. Prof. Dr. Jaromir Moravec (University of Liberec, Liberec, Czechia)	Assoc. Prof. Dr. Mohamad Ridzwan bin Ishak, (Universiti Putra Malaysia, Malaysia)	Dr. Riza Wirawan, M.T. (Institut Teknologi Bandung, Indonesia)		

	Possibilities for the Top Engineering Collaboration with a University in the Heart of Europe	Surface Interaction Strength Effects in Recycled PLA/PDA and Kenaf Fibre 3D Printing Filament Composites through Experimental and Finite Element Insights	Mechanical Properties of a Biocomposite made of Ramie Fiber and a Natural Matrix
	ID-25	ID-89	ID-40
1500 -1515	Prof. Dr. Jun Koyanagi (Tokyo University of Science, Japan)	Abdul Razif Abdul Karim (Universiti Teknologi Malaysia, Malaysia)	Ms. Amirah Ain Asyiqin Mohammad Sappa (Universiti Teknikal Malysia Melaka, Malaysia)
	Numerical Simulation for Frequency Dependence on Fatigue Failure for a Polymer Material Based on Entropy Damage Criterion	Thermal Energy Storage Features Nano- Enhanced Phase Change Materials: Comprehensive Review of Current Development, Functions, and Anticipated Challenge	Strength Performance of Pineapple Leaf Fibre Reinforced Poly(3-Hydroxybutyrate-Co-3- Hydroxyvalerate) Biocomposites for Packaging Application
	ID-61	ID-90	ID-8
1515 - 1530	Ms. Hinako Shiozaki (Tokyo University of Science, Japan)	Assoc. Prof. Dr. Tuty Asma Binti Abu Bakar (Universiti Teknologi Malaysia, Malaysia)	Mr. Saleh Isyaku (Hussaini Adamu Federal Polytechnic, Nigeria)
	Establishment of 3-D Numerical Model of CFRP Rope (CFCC)	Role of Ceramic Particles on the Enhancement of Microstructure and Mechanical Properties of Al-20%Mg ₂ Si Hybrid Composites	Dispersion of Nanocellulose Crystals with Natural Rubber Bionanocomposite
	ID-20	ID-34	ID-51
1530 - 1545	Ms. Yutong Li (Tokyo University of Science, Japan)	Ts. Mohamad Asrofi bin Muslim (Universti Teknologi MARA, Malaysia)	Prof. Ir. Dr. Mariatti binti Jaafar @ Mustapha (Universiti Sains Malaysia (USM), Malaysia)
	Numerical Durability Simulation of a Viscoelastic Material Subjected to Variable	Enhancing Mechanical Properties of Basalt and Glass Fiber Reinforced Composites with	Mechanical Properties and Flammability of Kenaf Short Fiber/Recycled Plastic Composites

	Loadings Fatigue Based on Entropy Damage Criterion	Industrial Polyester Resin through Nano Silica Incorporation	
1545-1600		Tea break	
	Parallel Presentation Session 2		
	Room: Tun Sri Lanang 1	Room: Tun Sri Lanang 2	Room: Tun Sri Lanang 3
	Chair: Prof. Dr. Mohd. Yazid bin Yahya	Chair: Dr. Nur Hafizah Abd Khalid	Chair: Dr Muhamad Fauzi bin Abd. Rased
	Invited Speaker 4	Invited Speaker 5	Invited Speaker 6
1600 -1615	Dr. Noor Zuhaira binti Abd Aziz (CTRM Aero Composites Sdn. Bhd., Malaysia)	Prof. Dr. Ryosuke Matsuzaki (Tokyo University of Science, Japan)	Dr. Narongkorn Krajangsawasdi (Kasetsart University, Thailand)
	Composites in Aerospace: Applications and Innovations	Optimizing Fiber Path for 3D Printing of Continuous Carbon Fiber-Reinforced Composites	Initial Mechanical Property Assessment of Thai Plant-Based Fibre Composites for Sustainable Structural Applications
	ID-32	ID-36	ID-82
1615 -1630	Ms. Maruri Takamura (Tokyo University of Science, Japan)	Junro Sano (Tokyo University of Science, Japan)	Mr. Hery Sunarsono (Universitas Andalas Padang and Institut Teknologi Batam,Indonesia)
1013 -1030	Size Dependence of Bond Strength in CFRP	Elucidation of the Formability Enhancement	
	Single Lap Joints	Mechanisms in High Accuracy 3D Printing of CNT Yarns Using Machine Learning	Effect of Indonesian Bay Leaf Extract Preparation on the Barrier of Red Ray Transmission of Polyvinyl Alcohol Blend- Film
	ID-27	ID-70	ID-48
1630 - 1645	Dr. Ali Farokhi Nejad (Universiti Teknologi Malaysia, Malaysia)	Dr. Nurul Afiqah Arbain (Universiti Teknikal Malaysia Melaka, Malaysia)	Dr. Muhammad Amin bin Azman (Universiti Putra Malaysia, Malaysia)
	Damage and Failure Analysis of Reinforced	Effect of Laser Power on the Wettability	Mechanical Properties of Wollastonite/Ken

	Thermoplastic Pipes under Combined Loading through Finite Element Modelling	Behaviour of 3D Printed Polymer Membrane with Candle Soot Coating	Hybrid Bio-Composite
	ID-71	ID-848	ID-62
1645 - 1700	Dr. Mio Sato (Japan Aerospace Exploration Agency, Japan)	Assoc. Prof. Dr. Muhammad Umair (National Textile University, Pakistan)	Dr. Khoo Pui San (Universiti Teknologi Malaysia, Malaysia)
	Analytical Consideration for the Probability Characteristics of Fiber Curvature and Orientation Angle in rCF Nonwoven Fabrics	Nano-Clay Based Novel 3D Woven Hemp/Green Epoxy Composites	Enhancing Flexural Properties of Recycled Glass Fibre Reinforced Polyester with Eggshell-Derived Calcium Oxide
	ID-15	ID-49	ID-26
1700 - 1715	Porf. Dr. Toshio Nagashima (Sophia University, Japan)	Mrs. Devita Amelia (Universiti Teknologi Malaysia, Malaysia)	Prof. Dr. Mototsugu Tanaka (Kanazawa Institute of Technology, Japan)
	Damage Propagation Analyses of CFRP laminate by XFEM using continuum shell elements	Development and Characterization of Thermoplastic Oil Palm Trunk Starch and Poly(Lactic) Acid Blend Composites via Melt Extrusion	Evaluation on Hydrolysis Control Function of Fiber-Reinforced Photo-Dissociable Protecting Group Introduced PLA Composites
	ID-38	ID-13	ID-23
1715 - 1730	Mr. Takumu Sugiyama (Tokyo University of Science, Japan)	Ms. Nursyahmira Farhana Mohd Shah (Universiti Teknologi Malaysia, Malaysia)	Ts. Dr. Syed Mohd Saiful Azwan Syed Hamzah (Universiti Malaysia Terengganu, Malaysia)
	Numerical Simulation of Fracture of Plastic Materials Subjected to Heat Cycles Based on Entropy Damage Criterion	Propylene Glycol Monomethyl Ether as a Sustainable Substitute for Xylene in Epoxy Coatings for Corrosion Prevention in Marine Applications	Quasi-Static Indentation Fracture Behaviour of Sandwich Panel-Polypropylene Honeycomb Core
1720 1745	ID-39	ID-55	ID-28
1730 - 1745	Assoc. Prof. Dr. Vincent Tan	Dr. Pradeep Kumar Krishnan	Dr. Ali Farokhi Nejad

	(National University of Singapore, Singapore)	(National University of Science and	(Universiti Teknologi Malaysia, Malaysia)
		Technology, Oman)	
			Investigation of Temperature Dependent
	Multiscale Topology Optimization	Production and Characterization of Aluminum	Tensile Properties of Unidirectional Glass
		Metal Foam from Industrial Waste AL-6063	Fiber Reinforced Epoxy Composite Laminat
		Cast Aluminum Alloy using CaCO ₃ Foaming	
		Agent	
	ID-37	ID-96	ID-50
	Mr. Takumi Sekino	Dr. Norhayani Othman	Dr. IGP Agus Suryawan
1745 1000	(Tokyo University of Science, Japan)	(Universti Teknologi Malaysia, Malaysia)	(Udayana University, Indonesia)
1745 - 1800	Damage Assessment of CFRP Subjected to	Mechanical Properties of Recycled	Environmentally Friendly Crab Shell Powder
	Cyclic Loading Based on Entropy	Poly(Ethylene Terephthalate)	Filled Polypropylene Composites: A Review
	Cyclic Loading Based on Entropy	(rPET)/Recycled High Density Poly(Ethylene)	Timed religioupline composites. It review
		(rHDPE) with Zinc Oxide	
	ID-35	ID-72	
	Mr. Rachmadi Norcahyo	Dr. Pavel Srb	
	(The University of Tokyo, Japan)	(Technical University of Liberec Czechia)	
1800-1815		Outinization of the Walding Flamout of	
	Numerical Simulation on Residual Strength of	Optimization of the Welding Element of a Machine for the Production of Eco-Plastic	
	Composite Laminates after Three-Point Bending	Packaging	
	Fatigue using Cohesive Zone Model and	1 dekagnig	
	Continuum		
2000-2200		Dinner (Level 2, Poolside)	,
2200		End of Day 1	
		END OF DAY 1	

	Da	AY 2 (14th August 2024)	
0800 - 0830	Registration		
	Parallel Presentation Session 3		
	Room: Tun Sri Lanang 1	Room : Tun Sri Lanang 2	Room: Tun Sri Lanang 3
	Chair: Dr. Mohammad Fikry bin Mohammad Jelani	Chair: Ts. Dr. Muhammad Asyraf Bin Muhammad Rizal	Chair: Ts. Dr. Ahmad Ilyas bin Rushdan
	Invited Speaker 7	Invited Speaker 8	ID-80
0830-0845	Dr. Ma Quanjin (Southern University of Science and Technology,	Dr. Koichi Mizukami (Ehime University, Japan)	Prof. Dr. Mathew P (College of Engineering Trivandrum, India)
0830-0843	China) Effect of BaTiO ₃ as Filler with Adjustable Dielectric Properties on Polymer Composites for 10 GHz Microstrip Antenna Design	Design and 3D Printing of Carbon Fiber- Reinforced Functional Composite Structures for Controlling Elastic Wave Propagation	Performance of HEA Modified Biomaterials A Comprehensive Review
	ID-12	ID-75	ID-92
0845-0900	Sota Oshima (Tokyo Metropolitan University, Japan)	Ms. Jamaliah Md Said (Universiti Teknologi MARA, Malaysia)	Mr. Mastariyanto Perdana (Universitas Andalas, Indonesia)
00.15 0900	Relationship between Mesoscopic Damage Progression and R Curve during Transverse Cracking in Composite Laminates	Comparative Analysis of Nano Silica Modification on ohe Flexural Performance of Poly Silicate Isocyanate (Willkat) Resin Reinforced with Various Commingled Fibers	Bioadhesive Materials Based on PVA/Tannia Acid/Nanocellulose: Simple Method and Effects of Mixing T48e on Manufacturing Process
	ID-53	ID-81	ID-94
0900-0915	Dr. Carla Canturri Gispert (Cetim-Matcor, Singapore)	Ms. Niranjini Shibu (TKM College of Engineering, India)	Ms. Siti Khairunisah Ghazali (Universiti Teknologi Malaysia, Malaysia)

	Failure Analysis of Composites for Pressure	Rejuvenation of Reclaimed Asphalt Pavement	Thermal Stability And Dielectric Performance
	Vessel Applications	(RAP) Binders through Plastic Oil from	Of Palm Oil-Based Polyurethane Polypyrrole-
		Pyrolysis: A Sustainable Approach	Montmorillonite Nanocomposite Foam
	ID-10	ID-6	ID-67
	Mr. Namasivayam Sukumaar Vijayvignesh	Maryam Musa Garba	Dr. Masaudu Adamu Kazaure
	(Universiti Putra Malaysia, Malaysia)	(Kano State College Of Education And	(Hussaini Adamu Federal Polytechnic,
0915 - 0930		Preliminary Studies, Nigeria)	Nigeria)
	Experimental and Numerical Investigation of		
	Flexural Mechanical and Creep Properties of	Synthesis and Characterization of	Evaluation of Physicomechanical Properties
	Sleeved PGFRP Composite Cross-Arm Used in Transmission Tower Application	Functionalized Rice Husk Activated Silica with Paracetamol for Highly Efficient	of Floor-Tile using Epoxy Resin Treated with Snail Shell Filler
	Transmission Tower Application	Adsorption of Dyes from Aqueous Solution	Shan Shen Finer
	ID-11	ID-5	ID-29
			10 2)
	Dr. Xin Lu	Dr. Saratu Lawal Abdullahi	Ms. Yeo Yi Xuan
	(The University of Tokyo, Japan)	(Kano State Polytechnic, Nigeria)	(Universiti Malaysia Perlis, Malaysia)
0930 - 0945			
0,50 0,15	Experimental and Numerical Study on Failure	Synthesis and Characterization of Organo-	Effect of Elevated Temperatures on Friction
	Mechanisms of Tapered Composite Laminates	Modified Nanoclay for the Removal of Crude-	and Wear Properties of Pineapple Leaf Fibres-
		oil Polycyclic Aromatic Hydrocarbons	Reinforced Natural Rubber Composites with
		(PAHs) from Petroleum Wastewater	the Addition of Multi-Walled Carbon
	ID-17	ID-77	ID-24
	Assoc. Prof. Dr. Shigeki Yashiro	Mrs. Sajina H (UKF College of Engineering	Dr. Yeoh Kirk Ming
0045 1000	(Kyushu University, Japan)	and Technology, India)	(National University of Singapore, Singapore)
0945 - 1000	Variable Stiffness Composite Patch for Single-	Elephant Foot Yam (Amorphophallus	Effects of Ply Blocking on the Behaviour of
	Sided Bonded Repair of Composite Structures	paeoniifolius) Stem as a Natural Coagulant for	Notched CF/Epoxy Thin-Ply Laminates
		Sustainable Wastewater Treatment:	
		Optimization and Mechanism Study	

	ID-41	ID-19	ID-42
1000 - 1015	Assoc. Prof. Dr. Shuang Zhang (Dalian Jiaotong University)	Assoc. Prof. Dr. Wong King Jye (University of Nottingham, Malaysia)	Mr. Takayu Nishioka (The University of Tokyo, Japan)
1000 1013	Composition Design of (Zr, Ti)-Based Amorphous-Matrix Composites	Water Absorption Effects on Mode I and II Delamination of Carbon/Epoxy Composites	The Effects of Molding Conditions on Fiber Waviness in CFRTP Laminates
	ID-85	ID-93	ID-54
1015 - 1030	Assoc. Prof. Dr. Mohd Ruzaimi Mat Rejab (Universiti Malaysia Pahang Al-Sultan Abdullah, Malaysia) Experimental Investigation of the Bullet-Proofing Capabilities of Fiber Metal Laminate (FML) under Ballistic Impact Loading	Ms. Budhi Primasari (Universitas Andalas, Indonesia) Removal of Copper (Cu) from Artificial Wastewater using Delaminated MXene with Ultrasonication	Dr. Melbi Mahardika (National Research and Innovation Agency, Indonesia) Novel Papain and Bacterial Cellulose/Alginate Biocomposites for Bioactive Wound Dressing
1030 - 1045		Tea Break	
		Parallel Presentation Session 4	
	Room: Tun Sri Lanang 1	Room : Tun Sri Lanang 2	Room: Tun Sri Lanang 3
	Chair: Prof. Dr. Mohd Yazid bin Yahya	Chair: Dr. Norhayani binti Othman	Chair: Assoc Prof. Dr. Rohah binti A. Majid
	Invited Speaker 9	Invited speaker 10	ID-91
1045 - 1115	Prof. Dr. Mohd. Nasir Bin Tamin (Universiti Teknologi Malaysia, Malaysia)	Prof. Dr. Akinori Yoshimura (Nagoya University, Japan)	Assoc. Prof. Ir. Ts. Dr. Mohd Yuhazri Yaakob (Universiti Teknikal Malaysia Melaka, Malaysia)

	Interlaminar Fatigue Damage Model of Fiber- reinforced Polymer Composite Laminates	Non-Destructive Evaluation of CFRP Microscopic Structure and Microscopic Defect by using Advanced X-Ray Devices	Kenaf Core Reinforced Cement Slurry - Experimental Study on Mechanical Properties and Fire Performance
	ID-31	ID-63	ID-14
1115-1130	Ms. Marina Inagaki (Tokyo Metropolitan University, Japan)	Dr. M. J. Mohammad Fikry (Tokyo University of Science, Japan)	Mrs. Adrina Rosseira Abu Talip (Universiti Teknologi Malaysia, Malaysia)
	Effect of Lightning Current on Mechanical Properties of Adhesively Bonded Composite Joints	Inhibition of Interlaminar Damage in CFRP Laminates by Inserting Non-Woven Carbon Fiber Reinforced Layers	Exploring Temperature Influence: Accelerated CO ₂ Curing on Cement and Carbide Lime Mortar
	ID-21	ID-52	ID-46
	Mr. Tian Kun (National University of Singapore, Singapore)	Dr. Mizah binti Ramli (Universiti Teknikal Malaysia Melaka, Malaysia)	Dr. Asdam Tambusay (Sepuluh Nopember Institute of Technology, Indonesia)
1130 - 1145	An Explicit Discrete Crack Method for Simulating Damage in Carbon Fiber Composites under Open Hole Compression and Low Velocity Impact	Analysis of Void Content in Thermoset CFRP Composite and Its Effects on Mechanical and Physical Properties	Mechanical Behaviour of Low Carbon Engineered Cementitious ID-: Experimental Investigations and Finite Element Studies
	ID-33	ID-47	
1145 - 1200	Ms. Pham Nguyen Hong Van (National University of Singapore, Singapore)	Dr. Shintaro Kamiyama (Japan Aerospace Exploration Agency, Japan)	
	In-Plane Shear Characterization for Carbon Fiber Reinforced Thermoplastic Composites	Visualazation of Edge Glow on the CFRP Exposed to Lightning Current	
1200 - 1400		Lunch break	

	Keynote Speaker 3 (Tun Sri Lanang 1)
1400 - 1430	Mr. Danu Chotikapanich (CEO of Cobra International Co., Ltd., Thailand)
	Current Status of Sustainable Material Applied in Mass Production of Water Sports Product
	Moderator: Ts. Dr. Ahmad Ilyas bin Rushdan
	Keynote Speaker 4
1430 - 1500	Prof. Dr. Jung-il Song (Changwon National University, South Korea)
	Sustainable Natural Fiber Polymer Composites: Recent Advancements
	Moderator: Ts. Dr. Ahmad Ilyas bin Rushdan
	Keynote Speaker 5
1500 - 1530	Assoc. Prof. Dr. Michal Petrů (University of Liberec, Liberec, Czechia)
1300 1330	Development and Winding Optimization of Lightweight Composite Constructions
	Moderator: Ts. Dr. Ahmad Ilyas bin Rushdan
1530-1545	Tea break
1530 - 1600	Closing ceremony (Tun Sri Lanang 1)
	END OF DAY 2

TENTATIVE FOR POSTER PRESENTATION

	DAY 1 (13 th August 2024)
Time	Events
	ID-3
1445 - 1500	Dr. Nabilah Afiqah Mohd Radzuan (Universiti Kebangsaaan Malaysia, Malaysia)
	Mechanical Properties of Polyamide Material using FDM Method
	ID-18
1500 - 1515	Assoc. Prof. Dr. Cun Lei Zou (Dalian Jiaotong University, China)
	A Nano-Micro Dual-Scale Particulate-Reinforced Copper Matrix Composite with High Strength, High Electrical Conductivity and Superior Wear Resistance
	ID-88
1515 - 1530	Ms. Nur Liyana Shafie (Universiti Terknologi Malaysia, Malaysia)
	Mercury Removal Units in Oil and Gas: Combating Toxicity, Corrosion, and Fire Hazards
	ID-97
1530 - 1545	Mr. Muhammad Adlan Azka (Universiti Putra Malaysia, Malaysia)
	Water Absorption Characteristic on Natural Fiber Reinforced Polylactic Acid Composites: A Review
	ID-98
1545 - 1600	Dr. Vasi Uddin Siddiqui (Universiti Putra Malaysia, Malaysia)
	Effect of Graphene Nanoplatelets on Polylactic Acid (GNP/PLA) Biocomposites

	ID-99
1600 - 1615	Mr. Abdul Habib
	(Universiti Putra Malaysia, Malaysia)
	Utilization of Carbon Nanotube-Reinforced Arrowroot Starch Biopolymer Nanocomposites as Flexible Conductive Materials