

SEAJCCM 2026 Program

Conference : Ito International Research Center, The University of Tokyo
 Room: Ito Hall (Day 1), Gallery1 and Seminar Room (Day 2 and Day 3)

Sep. 2, 2026	
Room	Ito Hall (B2F)
8:30 -	Registration @ Gallery2 (B1F)
8:55 - 9:00	Opening address
9:00 - 9:45	Plenary Lecture (PL-01) Chair: TBD
	(PL-01) An Overview of Damage and Failure Modeling in Composites Tong-Earn Tay (National University of Singapore)
9:45 - 10:30	Plenary Lecture (PL-02) Chair: TBD
	(PL-02) Research and Development on Adhesive Bonding Technology for Composite Materials Tomonaga Okabe (Tohoku University)
10:30 - 10:50	Coffee Break @ Gallery2 (B1F)
10:50 - 11:20	Keynote Lecture (KL-01) Chair: TBD
	(KL-01) A Review of the Blast Response of Fibre Reinforced Composite Materials Mohd Yazid Yahya (Universiti Teknologi Malaysia)
11:20 - 11:50	Keynote Lecture (KL-02) Chair: TBD
	(KL-02) Practical Use of Composites in Drones Danu Chotikapanich (Cobra International)
11:50 - 13:00	Lunch
13:00 - 13:45	Plenary Lecture (PL-03) Chair: TBD
	(PL-03) AI-Powered Design of Carbon Nanocomposites and Their Application in Lightning Strike Protection Zhong Zhang (University of Science and Technology of China)
13:45 - 14:30	Plenary Lecture (PL-04) Chair: TBD
	(PL-04) Advances and Current Status of Carbon Fiber Technology Naoki Sugiura (Mitsubishi Chemical Corporation)
14:30 - 14:50	Coffee Break @ Gallery2 (B1F)
14:50 - 15:20	Keynote Lecture (KL-03) Chair: TBD
	(KL-03) Additively Manufactured Fiber-Composite Metamaterials as a Solution to Structural Vibration Problems Koichi Mizukami (Tokyo Metropolitan University)
15:20 - 15:50	Keynote Lecture (KL-04) Chair: TBD
	(KL-04) Quantum and Quantum-Inspired Approaches to Structural Optimization and Composites Stacking Sequence Retrieval Boyang Chen (TU Delft)
15:50 - 16:20	Keynote Lecture (KL-05) Chair: TBD
	(KL-05) FOOD PROTECTIVE FILMS FROM CHITOSAN AND PLANT-DERIVED ANTIMICROBIAL AGENTS: TOWARDS FOOD SAFETY AND SUSTAINABLE DEVELOPMENT Phu Ton-That (Vietnam National University Ho Chi Minh City)
16:20 - 16:40	Coffee Break @ Gallery2 (B1F)
16:40 - 17:25	Plenary Lecture (PL-05) Chair: TBD
	(PL-05) Extendable Bi-stable Composite Boom for Space Application Tomohiro Yokozeki (The University of Tokyo)
18:00 - 20:00	Reception @ Capo PELLICANO

Sep. 3, 2026

Gallery1 (B1F)		Seminar Room (3F)	
8:30 -		Registration @ Gallery2 (B1F)	
Invited Lectures		Student Award Session 1	
9:00 - 9:30	(IL-01) Effect of Microstructures on Tensile Creep Life in Aquatic Environment for Carbon-Fiber Reinforced Hydrolysis-Controlled PLA Treated by Atmospheric-Pressure-Plasma Mototsugu Tanaka (Kanazawa Institute of Technology), Yuki Katagiri (Kanazawa Institute of Technology)	9:00 - 9:15	(S-01) INTERLAMINAR FRACTURE TOUGHNESS OF CFRP LAMINATES WITH BIO-INSPIRED 3D-PRINTED INTERLEAVES Rikuto Kezuka (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), Shinsaku Hisada (Japan Aerospace Exploration Agency), Shinichi Takeda (Japan Aerospace Exploration Agency), Naruki Ichihara (The University of Tokyo), K. T. Tan (University of Akron), Shinji Ogihara (Tokyo University of Science)
		9:15 - 9:30	(S-02) INTERLAMINAR FRACTURE BEHAVIOR OF CFRP LAMINATES INCORPORATING A THERMOPLASTIC EPOXY RESIN INTERLEAF Ryoto Sato (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), Masashi Nojima (Tokyo University of Science), Jonathon David Tanks (National Institute for Materials Science), Shinji Ogihara (Tokyo University of Science)
9:30 - 10:00	(IL-02) Full Thermoplastic Composites for Hydrogen Vessels and Pipelines CHIA Jun Hang (Agency for Science, Technology and Research (A*STAR)), Ice TEE Si Yin (Agency for Science, Technology and Research (A*STAR))	9:30 - 9:45	(S-03) MACHINE LEARNING-BASED PREDICTION OF ELASTIC PROPERTY DEGRADATION ASSOCIATED WITH MATRIX CRACKING IN FRP LAMINATES Wataru Adegawa (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), Niken Prasasti Martono (Tokyo University of Science), Shinji Ogihara (Tokyo University of Science)
		9:45 - 10:00	(S-04) FLAME-INDUCED THERMAL EFFECTS ON MECHANICAL PROPERTIES AND DAMAGE BEHAVIOR OF PLAIN-WEAVE GFRP LAMINATES Tsubasa Takahashi (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), Masashi Nojima (Tokyo University of Science), Ryoichi Igawa (Sumitomo Bakelite), Kento Mizutani (Sumitomo Bakelite), Junji Imai (Sumitomo Bakelite), Koji Koizumi (Sumitomo Bakelite), Shinji Ogihara (Tokyo University of Science)
10:00 - 10:30	(IL-03) Coir Fibre Reinforced Composite from By-Product to Plywood Replacement Phacharaporn Bunyanichakul (Kasetsart University), Pongsak Khamroi (Kasetsart University), Rungsima Chollakup (Kasetsart University), Jirachaya Boonyarit (Kasetsart University), Damrong Phooakranun (Damrongnilp Supplies), Phanusake Phooakranun (Damrongnilp Supplies) and Narongkorn Krajangsawasdi (Kasetsart University)	10:00 - 10:15	(S-05) IMAGE-PROCESSING-BASED QUANTIFICATION OF MATRIX CRACKS IN CFRP LAMINATES FROM SOFT X-RAY IMAGES Kizashi Ohtsubo (Tokyo University of Science), Jason P. Mack (The University of Akron), Niken Prasasti Martono (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), K. T. Tan (The University of Akron), Shinji Ogihara (Tokyo University of Science)
		10:15 - 10:30	(S-06) FIBER ORIENTATION AND CURVATURE EVALUATION METHOD OF RECYCLED CARBON FIBER NONWOVEN FABRICS USING LINE-SCAN CAMERA Shintaro Takasuna (HOSEI University), Mio Sato (JAXA), Masumi Higashide (HOSEI University), Yuichi Ishida (JAXA), Sunao Sugimoto (JAXA)
10:30 - 10:50		Coffee Break @ Gallery2 (B1F)	
General Session 1 (Materials 1)		Student Award Session 2	
10:50 - 11:10	(GS-01) DELAMINATION RESISTANCE IN TAPERED CFRP LAMINATES WITH RECYCLED/VIRGIN CARBON FIBER INTERLAMINAR REINFORCEMENT Pui San KHOO (Tokyo University of Science), JunYu Yan (Tokyo University of Science), ZIYI Yang (University of Toronto), M. J. Mohammad Fikry (Hiroshima University), Daisuke Isobe (Sumitomo Bakelite), Junji Imai (Sumitomo Bakelite), Koji Koizumi (Sumitomo Bakelite), and Shinji Ogihara (Tokyo University of Science)	10:50 - 11:05	(S-07) EXPERIMENTAL AND NUMERICAL STUDY ON MECHANICAL BEHAVIOUR OF ANGLE-PLY FIBER REINFORCED THERMOPLASTIC LAMINATES Pham Nguyen Hong Van (National University of Singapore), Tan Beng Chye Vincent (National University of Singapore), and Tay Tong-Earn (National University of Singapore)
		11:05 - 11:20	(S-08) HYGROTHERMAL DEGRADATION OF SANDWICH COMPOSITE MANUFACTURED BY VARI COCURE Rijal Ahmadi (Bandung Institute of Technology), Hermawan Judawisastra (Bandung Institute of Technology), Satrio Wicaksono (Bandung Institute of Technology), Riza Wirawan (Bandung Institute of Technology)
11:10 - 11:30	(GS-02) MOLECULAR DYNAMICS SIMULATION OF THE INTERFACIAL PROPERTIES OF RECYCLED CARBON FIBER/EPOXY COMPOSITES Nurunnabi (Tokyo University of Science), Yutaka Oya (Tokyo Metropolitan University), Yutong Li (Tokyo University of Science), Jun Koyanagi (Tokyo University of Science)	11:20 - 11:35	(S-09) EFFECT OF ANISOTROPIC RATIO ON THE MECHANICAL BEHAVIOR OF NONWOVEN CARBON FIBER REINFORCED THERMOPLASTIC COMPOSITES UNDER DIFFERENT BOUNDARY CONDITIONS Linghan FANG (The University of Tokyo), Fan ZHANG (The University of Tokyo), Sang Won Lim (The University of Tokyo), Jun TAKAHASHI (The University of Tokyo), Yi WAN (The University of Tokyo)
		11:35 - 11:50	(S-10) EFFECT OF PLASMA TREATMENT ON INTERFACIAL FRACTURE TOUGHNESS OF ADHESIVELY BONDED CFRP LAMINATES Younosuke Shibasaki (Tokyo University of Science), M. J. Mohammad Fikry (Hiroshima University), Shiori Masuda (SUBARU CORPORATION), Yusuke Shibuya (SUBARU CORPORATION), Naoyuki Sekine (SUBARU CORPORATION), Shinji Ogihara (Tokyo University of Science)
11:30 - 11:50	(GS-03) COMPARATIVE EVALUATION OF STEEL AND POLYPROPYLENE FIBER REINFORCED CONCRETE UNDER CONTROLLED INITIAL THERMAL EXPOSURE CONDITIONS Faisal Ananda (Universiti Teknikal Malaysia Melaka and Politeknik Negeri Bengkalis), Mohd. Nur Azmi Bin Nordin (Universiti Teknikal Malaysia Melaka), Mizah Binti Ramli (Universiti Teknikal Malaysia Melaka), Ayu Maizatul Alifah (Politeknik Negeri Bengkalis), Restu Setiawan (Politeknik Negeri Bengkalis), Muhammad Gala Garcya (Politeknik Negeri Bengkalis), Roma Dearnri (Politeknik Negeri Bengkalis), Juli Ardita Pribadi (Politeknik Negeri Bengkalis)		
11:50 - 13:00		Lunch	
General Session 2 (Materials 2)		Student Award Session 3	

13:00 - 13:20	(GS-04) Mechanistic Influence of GNP/SiC Hybrid Nanoreinforcement on Moisture Uptake in Epoxy Adhesives Nur Zaiikha Khalil (Universiti Teknologi Malaysia), Kimiyoshi Naito (NIMS), Holger Fricke (IFAM, Germany)	13:00 - 13:15	(S-11) Wrinkle Formation in CFRP Co-bonding Process: Mechanism and Suppression Shoma Mori (The University of Tokyo), Shu Minakuchi (The University of Tokyo)
13:20 - 13:40	(GS-05) EFFECT OF ETHYLENE-VINYL ACETATE (EVA) COPOLYMER LOADING ON THE MECHANICAL PROPERTIES OF EVA/POLYBUTYLENE SUCCINATE (PBS) BLENDS M.N.A. Nordin (Universiti Malaysia Melaka), A.M.A. Shamsuri (Universiti Malaysia Melaka), B.R. Mizah (Universiti Malaysia Melaka), and M.S. Zakaria (Universiti Malaysia Melaka)	13:15 - 13:30	(S-12) Generative 3D Microstructure Outpainting for Efficient X-ray CT Characterization of CFRTPS Te Rong (The University of Tokyo), Fan Zhang (The University of Tokyo), Yi Wan (The University of Tokyo), Jun Takahashi (The University of Tokyo)
13:40 - 14:00	(GS-06) The effect of High Crystallized Epoxy on the properties of Graphene-Epoxy nanocomposites Itak Tabrizi Vala (Waseda University), Saya Shiono (Waseda University), Ayumu Morita (Waseda University), Haruki Kuwata (Waseda University), Jonathon David Tanks (National Institute for Materials Science), Yoshihiko Arao (Waseda University)	13:30 - 13:45	(S-13) BOND STRENGTH OF BONDED CFRP TO STEEL MEMBERS BY VARTM METHOD : EFFECT OF TAPERED PART AND FLAT BONDED LENGTH Mikito Nishiguchi (National Institute of Technology Kure college), Koki Onaka (National Institute of Technology Kure college)
		13:45 - 14:00	(S-14) MECHANISM OF GLASS TRANSITION TEMPERATURE ENHANCEMENT IN MULTICOMPONENT EPOXY RESINS: ROLE OF INTERMOLECULAR INTERACTIONS Yuuki Kinugawa (Tohoku University), Yoshiaki Kawagoe (Tohoku University), Keigo Matsumoto (Nissan Chemical Corporation), Masashi Ohno (Nissan Chemical Corporation), Shoko Mishima (Tohoku University), Takahiko Kawai (Tohoku University), Tomonaga Okabe (Tohoku University)
14:00 - 14:15	Coffee Break @ Gallery2 (B1F)		
General Session 3 (Materials 3)		Student Award Session 4	
14:15 - 14:35	(GS-07) SOUND INSULATION PERFORMANCE OF 3D WOVEN SANDWICH COMPOSITES WITH VARYING CORE LAYERS AND FOAM ADDITION Riza Wirawan (Institut Teknologi Bandung), S Faustafarrel Q (Institut Teknologi Bandung), Hermawan Judawisastra (Institut Teknologi Bandung), and Anugrah Sudarsono (Institut Teknologi Bandung)	14:15 - 14:30	(S-15) EFFECTS OF TOW WAVINESS ON COMPRESSION FAILURE OF THERMOPLASTIC NON-CRIMP FABRIC LAMINATES: A MULTISCALE EXPERIMENTAL-NUMERICAL STUDY Kota Oine (Tohoku University), Kazuki Ryuzono (Tohoku University), Yamato Hoshikawa (Tohoku University), Tomonaga Okabe (Tohoku University)
14:35 - 14:55	(GS-08) CHARACTERISATION OF ALKALI-TREATED FURCRAEA FOETIDA FIBRES: MORPHOLOGY, INTERFACIAL INTERACTION, CHEMICAL COMPOSITION, AND THERMAL PROPERTIES S.M. Shahril (Universiti Malaysia Perlis), M.S. Abdul Majid (Universiti Malaysia Perlis), Aris Wido Nugroho (Universitas Muhammadiyah Yogyakarta), M.T.A. Rahman (Universiti Malaysia Perlis), M.N. Bariah (Universiti Malaysia Perlis)	14:30 - 14:45	(S-16) IN-SITU DEFORMATION MEASUREMENT OF THERMOPLASTIC COMPOSITE UNDER SEVERAL STAMP FORMING CONDITION USING EMBEDDED SHAPE SENSORS Kiichi CHIKAMORI (The University of Tokyo), Shu MINAKUCHI (The University of Tokyo)
14:55 - 15:15	(GS-09) NEXT-GENERATION POLYMER COMPOSITES FOR EXTREME ENVIRONMENT ENERGY SYSTEMS CHIA Jun Hang (Agency for Science), Ice TEE Si Yin (Agency for Science)	14:45 - 15:00	(S-17) EFFECTS OF THE LOW-EARTH-ORBIT ULTRAVIOLET ENVIRONMENT ON 3D-PRINTED CF/PEEK AND PEEK Nagi Masuda (Nihon University), Kei-ichi Okuyama (Nihon University), Rina Ishibashi (Nihon University), Shun Yokota (Nihon University)
15:15 - 15:35	(GS-10) DAMAGE AND FRACTURE OF DOUBLE-DOUBLE LAMINATES UNDER OPEN-HOLE TENSILE AND BENDING LOADING Xiang Li (Tongji University), Jie Zhi (Tongji University), Bin Yang (Tongji University)	15:00 - 15:15	(S-18) THERMODYNAMICALLY CONSISTENT CONSTITUTIVE MODELING OF SELF-HEALING MATERIALS AND EXPERIMENTAL VALIDATION Takayu Nishioka (The University of Tokyo), Ryo Higuchi (The University of Tokyo), Yu Zusho (The University of Tokyo), Tomohiro Yokozeki (The University of Tokyo), Tong-Earn Tay (National University of Singapore), Vincent Beng Chye Tan (National University of Singapore), Takaya Suzuki (Teijin Limited)
15:35 - 15:50	Coffee Break @ Gallery2 (B1F)		
General Session 4 (Numerical Modeling 1)		General Sessions 5 (Functional)	
15:50 - 16:10	(GS-11) NUMERICAL MODELING OF HIGH STRENGTH PLLA CONSIDERING CRYSTALLIZATION DURING PROCESSING Jun Koyanagi (Tokyo University of Science), Junsei Tsunoda, Takenobu Sakai	15:50 - 16:10	(GS-15) ELECTROMECHANICAL AND THERMAL RESPONSE OF STRETCHABLE CONDUCTIVE POLYMER COMPOSITES B.R. Mizah (Universiti Teknikal Malaysia Melaka), M.N.A Nordin (Universiti Teknikal Malaysia Melaka), F. Ananda (Universiti Teknikal Malaysia Melaka), M.M Ghazaly (Universiti Teknikal Malaysia Melaka), N.F.B. Azmi (Universiti Teknikal Malaysia Melaka) and M.H.M Yusof (Fix & Go IT Specialist)

16:10 - 16:30	(GS-12) DEVELOPMENT OF DIRECT FE2 MODEL FOR FFF SHORT FIBER COMPOSITES Hongbo HUANG (Tongji University), Vincent Beng Chye TAN (National University of Singapore), Jie ZHI (Tongji University)	16:10 - 16:30	(GS-16) PRINTABLE HIERARCHICAL NANOCOMPOSITES SENSORS FOR CONFORMAL STRUCTURAL HEALTH MONITORING Anchalee Duongthipthewa (Hangzhou International Innovation Institute (Beihang University), Beihang University (Beihang University), Kong Jingyu, and Sha Yin
16:30 - 16:50	(GS-13) AN ENTROPY-MODIFIED HASHIN CRITERION FOR THERMAL FATIGUE ANALYSIS OF CFRP LAMINATES Yutong Li (TUS), Takumu Sugiyama (TUS), and Jun Koyanagi (TUS)	16:30 - 16:50	(GS-17) FAILURE-PATH MODIFICATION IN LOCALIZED LASER-TEXTURED AA5052/HYBRID CARBON-KEVLAR/EPOXY SINGLE-LAP JOINTS Ariyana Dwiputra Nugraha (Universitas Gadjah Mada), Rahmad Kuncoro Adi (Universitas Gadjah Mada), Dicke Joshua (Universitas Gadjah Mada), Gesang Nugroho (Universitas Gadjah Mada), Muhammad Akhsin Muflikhun (Universitas Gadjah Mada)
16:50 - 17:10	(GS-14) OPTIMIZATION DESIGN AND PARAMETRIC ANALYSIS OF TYPE IV THERMOPLASTIC COMPOSITE HYDROGEN STORAGE PRESSURE VESSELS J.Z. Huang (National University of Singapore), V.B.C. Tan (National University of Singapore), T.E. Tay (National University of Singapore)	16:50 - 17:10	(GS-18) EFFECT OF LOCALIZED LASER TEXTURING ON THE LAP-SHEAR PERFORMANCE OF AA5052/HYBRID CARBON-KEVLAR/EPOXY SINGLE-LAP JOINTS Rahmad Kuncoro Adi (Universitas Gadjah Mada), Ariyana Dwiputra Nugraha (Universitas Gadjah Mada), Ferry Setiawan (Universitas Gadjah Mada), Dicke Joshua (Universitas Gadjah Mada), Gesang Nugroho (Universitas Gadjah Mada), Muhammad Akhsin Muflikhun (Universitas Gadjah Mada)
18:00 - 20:00	Banquet @ Tokyo Dome Hotel		

Sep. 4, 2026

Gallery1 (B1F)		Seminar Room (3F)	
8:30 -		Registration @ Gallery2 (B1F)	
General Session 6 (Numerical Modeling 2)		General Session 7 (Physical and structural Behavior + Experimental Techniques)	
9:00 - 9:20	(GS-19) A MESO-SCALE FAILURE MODEL ACCOUNTING FOR TRANSVERSE SHEAR DEFORMATION INDUCED BY LONGITUDINAL COMPRESSIVE FAILURE Atushi Kondo (NIT), Wataru Mikami (Meiji Univ.), Yutaka Iwahori (Meiji Univ.), Eiich Hara (JAXA) and Hisaya Katoh (JAXA)	9:00 - 9:20	(GS-23) Effect of Carbon Fiber Nonlinear Elastic Behavior on the 0° Flexural Strength of Unidirectional CFRP Takuto Terai (TORAY Industries), Toru Ishikawa (TORAY Industries), Fumihiko Tanaka (TORAY Industries)
9:20 - 9:40	(GS-20) THE ROLE OF MICROMECHANICAL UNIT CELL CONFIGURATION IN TRANSVERSE DAMAGE PREDICTION OF UD COMPOSITES: A DIRECT FE ² APPROACH Muhammad Raihan Firdaus (Institut Teknologi Bandung), Tatacipta Dirgantara (Institut Teknologi Bandung), Satrio Wicaksono (Institut Teknologi Bandung), Annisa Jusuf (Institut Teknologi Bandung), Ditho Pulungan (Institut Teknologi Bandung), Vincent Beng Chye Tan (National University of Singapore)	9:20 - 9:40	(GS-24) Structural analysis of a composite shaft for cooling tower couplings Pongtorn Prombut (Kasetsart University), Vasin Chantasuttikul (Kasetsart University)
9:40 - 10:00	(GS-21) DEPENDENCE OF EQUIVALENT STIFFNESS ON FIBER BUNDLE GEOMETRIC PARAMETERS IN WOVEN CFRP Yuta Sunaga (The University of Tokyo), Takehiro Hirai (Meiji University), Sho Kajihara (Meiji University), Yutaka Iwahori (Meiji University)	9:40 - 10:00	(GS-25) ACCELERATED WATER UPTAKE IN UNIDIRECTIONAL AND MULTIDIRECTIONAL CARBON/EPOXY COMPOSITES M.Y.J. Liew (University of Nottingham Malaysia), K.Y. Tshai (University of Nottingham Malaysia), A.B. Chai (University of Nottingham Malaysia), W.F.F. Wan Ali (Universiti Teknologi Malaysia), and K.J. Wong (University of Nottingham Malaysia)
10:00 - 10:20	(GS-22) FEATURE-DRIVEN CONCURRENT OPTIMIZATION OF COMPOSITE TOPOLOGY AND FIBER ORIENTATION Lu Zhou (NUS (NWP), NWP), Weihong Zhang, Vincent Beng Chye Tan	10:00 - 10:20	(GS-26) DETECTION OF WEAK BONDS IN COMPOSITE LAMINATES USING ULTRASONIC PHASED ARRAY TECHNIQUE Takashi Ike (Kyushu University), Shigeki Yoshiro (Kyushu University), Sota Onodera (Kyushu University)
10:20 - 10:40		Coffee Break @ Gallery2 (B1F)	
General Session 8 (Aerospace Application)		General Session 9 (Repair, Recycling, Remanufacturing, and Circular Economy + AI)	
10:40 - 11:00	(GS-27) Dovetail crack arrester for suppressing disbond in CFRP adhesive joints Takayuki Kuriyama (The University of Tokyo), Shu Minakuchi (The University of Tokyo)	10:40 - 11:00	(GS-31) MACHINE LEARNING-BASED DELAMINATION RISK ASSESSMENT IN TAPERED CFRP LAMINATES ZiYi Yang (Tokyo University of Science), JunYu Yan (Tokyo University of Science), Pui San Khoo (Tokyo University of Science), M. J. Mohammad Fikry (Tokyo University of Science), and Shinji Ogihara (Tokyo University of Science)
11:00 - 11:20	(GS-28) CHARACTERIZATION OF ADHESIVE JOINTS FOR APPLICATION IN CFRP SPACE DEPLOYABLE BOOMS Sho Kajihara (Meiji University), Koga Yamauchi (Meiji University), Yutaka Iwahori (Meiji University), Yuta Sunaga (The University of Tokyo), Tomohiro Yokozeki (The University of Tokyo), Akihito Watanabe (Sakase Adtech Co., Ltd)	11:00 - 11:20	(GS-32) RESHAPING OF LOCALISED VITRIMER AND THERMOSET MULTI-MATRIX FIBRE REINFORCED COMPOSITES Narongkorn Krajangsawadi (Kasetsart University (Politecnico di Milano), Thailand) (Politecnico di Milano), Lorenzo Di Marco (Politecnico di Milano (Politecnico di Milano), Italy), Riccardo Di Giovanni, Alessandro Milite, and Marco L. Longana
11:20 - 11:40	(GS-29) Buckling Failure Characteristics of Lunar Tower with CFRP Open Cross-section Bi-stable booms Sho Kajihara (Meiji University), Yutaka Iwahori (Meiji University), Yasuhiro Fuchita (OBAYASHI), Yoshitaka Takeuchi (OBAYASHI), Yasuyuki Miyazaki (JAXA), Ken Higuchi (Muran Institute of Technology), Ryoji Sakai (SAKASE ADTECH), Akihito Watanabe (SAKASE ADTECH)	11:20 - 11:40	(GS-33) RESIN FILM INFUSION FOR THE PRODUCTION OF HIGH-STRENGTH RECYCLED CARBON FIBER REINFORCED THERMOPLASTIC Sota Onodera (Kyushu University), Keisho Inoue (Kyushu University), Shintaro Takasuna (Hosei University), Mio Sato (Japan Aerospace Exploration Agency), Shigeki Yoshiro (Kyushu University), Yuichi Ishida (Japan Aerospace Exploration Agency), Masumi Higashide (Hosei University)
11:40 - 12:00	(GS-30) OUT-OF-PLANE IMPACT DAMAGE OBSERVATIONS OF FDM 3D PRINTED CFRTP Kohji Suzuki (Chiba Institute of Technology)	11:40 - 12:00	(GS-34) MICROMECHANICS DATA-DRIVEN PREDICTION OF TRANSVERSE RESPONSES IN UNIDIRECTIONAL COMPOSITES Ditho Ardiansyah Pulungan (Institut Teknologi Bandung), Omar Al Faatih (Institut Teknologi Bandung), Jovian Melvern Setioputra (Institut Teknologi Bandung), Satrio Wicaksono (Institut Teknologi Bandung), and Hermawan Judawisastra (Institut Teknologi Bandung)
12:00 - 13:00		Lunch & Closing	
		Excursion	
13:00 - 13:20		JAXA Tsukuba Space Center	