

Day 1 November 29 (Sat.), 2025

9:15	Opening Session	
9:20	Ei YAMAMOTO, President of the Japanese Society of Experimental Mechanics, Kindai University, Japan	
Time to prepare to start the session 9:20-9:25 (5 min)		
9:25	Session 1-1 Solid/Structural Mechanics and Related Topics 1	
	Chairpersons: To be announced later	
	O001 (A048) On-site Size and Printing Orientation Effects on the Mechanical Properties of Two-Photon-Polymerized Resin Micro-Nanowires Masao TORII (Kyoto University of Advanced Science) and Takahiro NAMAZU	
	O002 (A034) On-site An Analysis of the Dead Point Phenomenon in Electric Bases Using a Two-DoF Coupled Vibration Model Ayako INAMOTO (Kyoto Institute of Technology) and Yohsuke TANAKA	
10:25	O003 (A013) On-site Effect of Strain Rate on the Damage Behavior of CFRP Evaluated with Acoustic Emission Considering the Sensor Response Function Rahul BHARTI (Saitama University) and Takenobu SAKAI	
	Short break 10:25 - 10:40 (15 min)	
10:40	Session 1-2 Thermal/Fluid Mechanics and Related Topics 1	
	Chairpersons: To be announced later	
	O004 (A042) On-site Control of Sweeping Jet Actuation Frequency Using Synthetic Jets Haruto NIGO (Utsunomiya University) and Hiroaki HASEGAWA	
	O005 (A028) On-site Effect of Wet Torrefaction Densification Molding on Self-Heating Behavior of Cedar Biofuel Ziqi LI (Kindai University), Satoru MIZUNO, and Toru SAWAI	
	O006 (A016) On-site Volume Measurement of Liquid Plugs in a Microchannel Using Phase Retrieval Holographic Microscopy Mitsuki ISHIYAMA (Kyoto Institute of Technology) and Yohsuke TANAKA	
	O007 (A002) Online Experimental Study of Bubble Rise Motion in the Presence of Surfactants	
12:00	Muhammad Akmal QAISAR (University of Tsukuba) and Hideaki MONJI	
Lunch break 12:00 - 13:00 (60 min)		
13:00	Session 1-3 Solid/Structural Mechanics and Related Topics 2	
	Chairpersons: To be announced later	
	O008 (A010) Online Development of Fully Automated Pre-Operative Planning System Including Feature Points Extraction Module for Total Hip Arthroplasty Shinichi HIROSE (University of Yamanashi), Yoshiyuki KAGIYAMA, Daigo HARA, Ryouta YUI, Yoshito OTAKE, Masaki TAKAO, Keisuke UEMURA, Nobuhiko SUGANO, and Yoshinobu SATO	
	O009 (A027) On-site Quantifying Invasion-Relevant Mechanics of 4T1 Spheroids in Collagen ECM via 3D DVC and Fiber-Orientation Analysis Yina DONG (Kumamoto University), Ryunosuke MORI, Shaojie GU, Seiji OMATA, Toshiro MOROISHI, and Yasuyuki MORITA	
	O010 (A014) On-site Hierarchical Cluster Analysis of CT-Imaged Aggregates and Ultrasonic Velocity Characterization in Dam Concrete Moeka MUKAI (Niigata University), Kazuma SHIBANO, and Tetsuya SUZUKI	
	O011 (A049) On-site Electron Beam Induced Silicon Nanocrystal Fabrication	
14:20	Abbhira SINGH (Kyoto University of Advanced Science), Muneyuki NAITO, Amit BANERJEE, and Takahiro NAMAZU	
Short break 14:20 - 14:35 (15 min)		
14:35	Session 1-4 Solid/Structural Mechanics and Related Topics 3	
	Chairpersons: To be announced later	
	O012 (A050) On-site Curvature Deformation of Reacted Al/Ni Multilayer Thin Films with Dual-Composition Sarankamol ATHICAIKHONGPHAT (Kyoto University of Advanced Science), Amit BANERJEE, and Takahiro NAMAZU	
	O013 (A052) On-site Growth Life Prediction of Surface Crack Using Fracture Mechanics Parameters Under Nonproportional Loading Akari INOUE (Tottori University), Kaito WATANABE, and Yuichi ONO	
	O014 (A012) On-site Effect of Sub-Micron Glass Fiber Addition on Torsional Fatigue Life of Filament-Wound CFRP Tubes Sota Noguchi (Doshisha University), Kiyotaka OBUNAI, and Kazuya OKUBO	
	O015 (A008) On-site Carbon Fiber Network Strain Sensor Utilizing Localized Conductivity by Laser Processing	
15:55	Kei HORIO (Aoyama Gakuin University), Keisuke IIZUKA, and Satoru YONEYAMA	