

Day 1 November 15 (Fri.), 2024

9:50	Opening Session	
10:00	Ei YAMAMOTO, President of the Japanese Society of Experimental Mechanics, Kindai University, Japan	
Time to prepare to start the session 10:00-10:05 (5 min)		
10:05	Session 1-1 Solid/Structural Mechanics and Related Topics 1 Chairpersons: Motoharu FUJIGAKI (University of Fukui) and Ei YAMAMOTO (Kindai University)	
	O001 (A004) On-site Influences of Light Refraction at Observation Window on Digital Image Correlation Measurement Ayano SEKI (Aoyama Gakuin University), Keisuke IIZUKA, Satoru YONEYAMA, Itsuki KAWATA, Koji ARAKAWA, and Masahiro TAKANASHI	
	O002 (A015) On-site Development of a Mock Circulatory System Including Cyclic Flexion and Pulsation for Testing of Biodegradable Stents Tomoya KAGOTANI (Okayama University of Science), Ichiro SHIMIZU, Issei KOMORI, and Akira WADA	
	O003 (A014) On-site Development of Magnetically Responsive Cell Culture Plates with Tunable Elasticity Kun JIANG (Kumamoto University), Seiji OMATA, and Yasuyuki MORITA	
11:05		
Short break 11:05 - 11:20 (15 min)		
11:20	Plenary Lecture Chairperson: Ei YAMAMOTO (Kindai University)	
	PL001 On-site Abdul Nasir Bin Abd Ghafar (University Malaysia Pahang Al-Sultan Abdullah, Malaysia) Title: Harnessing Artificial Intelligence for Enhancing Students Potential With Mental Disabilities	
12:10		
Lunch break 12:10 - 13:30 (80 min)		
13:30	Session 1-2 Thermal/Fluid Mechanics and Related Topics 1 Chairpersons: Yoichi SHIOMI (Ryukoku University) and Yoshiaki UEDA (Setsunan University)	
	O004 (A042) On-site Aerodynamics of Ski Jumping Suit Fabric with Air Permeability Yuto SUZUKI (Utsunomiya University), Hiroaki HASEGAWA, and Masahide MURAKAMI	
	O005 (A002) On-site Study on Aerodynamic Resistance on Cyclists by Numerical Simulation and Model Experiment Using Wind Tunnel Laishi XU (Tsukuba University) and Hideaki MONJI	
	O006 (A024) On-site Silicon Removal from Al by Selective Dissolution of Al in Molten Sn Kenjiro MAEDA (University of Toyama), Kengo KATO, and Hideki ONO	
	O007 (A026) On-site Measurement of Droplet Size and Velocity in a Periodic Droplets - Splashing Water Jet Kaito EBISAWA (Utsunomiya University), Tsutomu ISHIDO, and Hiroaki HASEGAWA	
14:50		
Sort break 14:50 - 15:05 (15 min)		
15:05	Session 1-3 Solid/Structural Mechanics and Related Topics 2 Chairpersons: Yasuyuki MORITA (Kumamoto University) and Takenobu SAKAI (Saitama University)	
	O008 (A045) On-site Development and Evaluation of Teleoperation System for Agricultural Application Talitha PUTRI (Institute of Science Tokyo) and Hideharu TAKAHASHI	
	O009 (A016) On-site Development of a Phase Retrieval Holographic Microscope Mitsuki ISHIYAMA (Kyoto Institute of Technology) and Yohsuke TANAKA	
	O010 (A010) On-site Development of Double-Wall Structure Cell to Enhance Sound Insulation Performance Keisho HAMASAKI (Aoyama Gakuin University), Takeshi ASHIZAWA, Keisuke IIZUKA, and Satoru YONEYAMA	
16:05		
Short break 16:05 - 16:20 (15 min)		
16:20	Session 1-4 Solid/Structural Mechanics and Related Topics 3 Chairpersons: Ichiro SHIMIZU (Okayama University of Science) and Satoru YONEYAMA (Aoyama Gakuin University)	
	O011 (A023) On-site Exploratory Research on 3D Shape Measurement Using Fringe Projection Method for Quality Control of FDM 3D Printed Objects Daniel JOSEPH (University of Fukui) and Motoharu FUJIGAKI	
	O012 (A000) On-site Research on Improvement of Dynamic Performance of Automotive Wheels Using CAE Yu OMODERA (Toyama Prefectural University), Sho KOBAYASHI, Osamu TERASHIMA, Toshiro MIYAJIMA, and Shuho YAMADA	
	O013 (A032) Online Development of an Acceleration Measurement System at Axles for Vibration Caused by Tire Cavity Resonance Itsuki FURUTA (Kyoto Institute of Technology) and Yohsuke TANAKA	
17:20		