

Day 2 November 16 (Sat.), 2024

10:30	<p>Session 2-1 Thermal/Fluid Mechanics and Related Topics 2 Chairpersons: Yoichi SHIOMI (Ryukoku University) and Yosuke TANAKA (Kyoto Institute of Technology)</p> <p>O014 (A025) On-site Interaction Between La and Cr in Molten Iron at 1873 K Shinya OBA (University of Toyama), Kengo KATO, and Hideki ONO</p> <p>O015 (A011) On-site Effect of Multiple-Gas-Bubbles Interaction on the Inception of Cavitation Phenomena Shin ISHIZAKI (Ibaraki University), Hiroyuki KAWASHIMA, Hiroyuki KOGAWA, Masatoshi FUTAKAWA, and Nobuatsu TANAKA</p> <p>O016 (A017) On-site Use of Numerical Analysis for Leak Detection in Service Pipeline Toma TSUBOTA (Niigata University), Taiki HAGIWARA, and Tetsuya SUZUKI</p> <p>O017 (A041) On-site Flow Visualization of the Vortical Flow Field Around Fins Attached to a Rotating Cylinder for a Magnus Wind Turbine Ikki OKUYAMA (Utsunomiya University), Hiroaki HASEGAWA, and Shigeru OBAYASHI</p>
Lunch break 11:50 - 13:15 (85 min)	
13:15	<p>Poster Sessions 13:15 - 14:00 General Poster Session 14:05 - 14:45 Special Poster Session by Students of College of Technology</p>
15:00	14:45 - 15:00 Free Discussion
Short break 15:00 - 15:15 (15 min)	
15:15	<p>Session 2-2 Solid/Structural Mechanics and Related Topics 4 Chairpersons: Kenji NAKAI (Okayama University of Science) and Masayuki NAKADA (Kanazawa Institute of Technology, Online)</p> <p>O018 (A046) On-site PV Power Generation System Development for Off-Grid Smart Agriculture Takaaki UEHARA (Institute of Science Tokyo), Hideharu TAKAHASHI, Masahiro TERADA, Atsushi KURITA, Kazuhiko AIGA, and Tadashi KAWAMOTO</p> <p>O019 (A001) On-site Evaluation of Soil Parameters and Factor of Safety (FoS) in Slope Stability Using Empty Fruit Bunch (EFB) in the FCSS Method Delima Canny Valentine SIMARMATA (Tohoku University), Tomoaki SATOMI, and Hiroshi TAKAHASHI</p> <p>O020 (A021) On-site The Effect of the Cutting Marks by Turn-Milling on the Ease of Grasping the Cylinder Kotone TAGAWA (Setsunan University), Kota TOYOOKA, Kazuki SHIMOMOTO, Tetsuo SAMUKAWA, and Yukitoshi IHARA</p> <p>O021 (A029) On-site Effects of Temperature and Hydrostatic Pressure on the Viscoelastic Behavior of Polypropylene by MD Simulation Shihong YUAN (Saitama University) and Takenobu SAKAI</p>
Time to prepare to start the closing session 16:35-16:40 (5 min)	
16:40	Closing Session
16:50	<p>Masayuki NAKADA, Chief Editor of the Advanced Experimental Mechanics (AEM), Kanazawa Institute of Technology, Japan Ei YAMAMOTO, President of the Japanese Society of Experimental Mechanics, Kindai University, Japan</p>