

Day 2 November 26 (Sat.), 2022

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| 9:00 | <p>Session 2-1 Solid/Structural Mechanics and the Related Measurement 4 Chairpersons: Yasuyuki MORITA (Kumamoto University), Kazuki HOKARI (Nippon Bunri University)</p> <p>O020 (A057) Development of High-Speed Imaging System for Experiment of Displacement Measurement Aoi TAMURA (University of Fukui), Wei JIANG, and Motoharu FUJIGAKI</p> <p>O021 (A025) Effect of Inner Wall Cracking on the Mercury Flow Induced Vibration Kohki MAENO (Ibaraki University), Gen ARIYOSHI, Kihei TSUTSUI, Koichi SARUTA, Hiroyuki KOGAWA, Yanrong LI, and Masatoshi FUTAKAWA</p> <p>O022 (A008) Fracture Patterns and Mechanical Properties in High Temperature Solution Treated 300 Grade Maraging Steel Ryohei ICHIMIYA (National Institute of Technology, Miyakonojo College), Akihiro TAKAHASHI, Naoyuki YAMAMOTO, Toshinobu TOYOHIRO, and Hiromi MIURA</p> <p>O023 (A051) Influence of the Pre-Existing Defects on the Strain Distribution in Concrete Core by the AE and DICM Techniques Nadezhda MOROZOVA (Niigata University), Kazuma SHIBANO, Yuma SHIMAMOTO, and Tetsuya SUZUKI</p> |
| Short break 10:20 - 10:35 (15 min) | |
| 10:35 | <p>Session 2-2 Thermal/Fluid Mechanics and the Related Measurement 3 Chairpersons: Hideaki MONJI (University of Tsukuba), Yohsuke TANAKA (Kyoto Institute of Technology)</p> <p>O024 (A033) Kinetic Analysis on Reduction Rate of $Fe_{1-y}O$ Sintered Pellet with H_2-CO Gas Mixture at 1093 and 1273 K Hikaru HAYASHI (University of Toyama), Kengo KATO, Shintaro ISSHIKI, Hirokazu KONISHI, and Hideki ONO</p> <p>O025 (A012) Viscoelasticity Evaluation of Multiphases Suspension with High Solid Fraction by Oscillating Concentric Cylinder Method Kento NAKANISHI (Kyushu University), Noritaka SAITO, and Kunihiko NAKASHIMA</p> <p>O026 (A040) Measurement of Sound due to a Hydrophobic Steel Sphere Entering Water Harumi MIZUNO (Setsunan University), Yoshiaki UEDA, Tatsuro WAKIMOTO, Kenji KATOH, and Manabu IGUCHI</p> <p>O027 (A038) Thermodynamic Analysis of Slag-Metal Reactions to Prevent Oxidation Loss of Cr in Refining Process of High-Cr Steel Mayu KASAYA (University of Toyama), Kengo KATO, and Hideki ONO</p> |
| Lunch break 11:55 - 13:00 (65 min) | |
| 13:00 | Poster Presentation (General) and the Special Poster Session by Students of High School, Technical College, and College of Technology |
| 14:30 | |
| Short break 14:30 - 14:45 (15 min) | |
| 14:45 | <p>Session 2-3 Solid/Structural Mechanics and the Related Measurement 5 Chairpersons: Koichi KOBAYASHI (Niigata University), Yoshiyuki KAGIYAMA (University of Yamanashi)</p> <p>O028 (A018) Effect of Mechanical Response in Fingertip on Softness Perception: Numerical Simulation Using Index Fingertip Finite Element Model Kazuki HOKARI (Nippon Bunri University) and Jonas A. PRAMUDITA</p> <p>O029 (A044) Experimental Verification and Finite Element Analysis of Bone Fractures of Proximal Femur Yoshitaka ABE (Niigata Institute of Technology), Keisuke SASAGAWA, and Masafumi ODA</p> <p>O030 (A011) Morphological Characterization and Quantification of Single-Cell and Cellular Micropatterning by UV Lithography Yulin XIONG (Kumamoto University), Seiji OMATA, Teppei OSUMI, and Yasuyuki MORITA</p> <p>O031 (A027) Bone Formation Pattern After Titanium Alloy Implantation in Rabbit Femur During Early Stage of Healing Norain ABDULLAH (Kindai University), Daisuke MIYAZAKI, Ei YAMAMOTO, Kosuke UEKI, and Masaaki NAKAI</p> |
| 16:05 | |
| Time to prepare to start the closing session 16:05-16:10 (5 min) | |
| 16:10 | Closing Session Masayuki NAKADA, Associate Editor of the Advanced Experimental Mechanics (AEM), Kanazawa Institute of Technology, Japan Ei YAMAMOTO, Vice President of the Japanese Society of Experimental Mechanics, Kindai University, Japan |
| 16:15 | |