

Poster Session (Free passage)

Poster No. (Registration No.)	DAY1 Wednesday 7th December 17:10 - 18:20
PS-1 (C10016)	Fracture Behavior of Unidirectional Carbon Fiber Reinforced Composites under Biaxial Tension ○Kousuke SANAI (Yamaguchi University), Sho NAKASAKI, Shoma NAKAMURA, Yoh KATAOKA, Arnaud MACADRE, Koichi GODA
PS-2 (C10033)	Molecular Dynamics Simulation on Thermodynamic Properties of Thermoplastic Epoxy Resin-Based Composites ○Mengying LI (University of Fukui), Xiao-Wen LEI
PS-3 (C10041)	Effect of Fusion Temperature on the Lap-Shear Strength of Fusion Bonded Joint of Titanium Alloy Using Thermoplastic Film as Fusion Bonding Layer ○Kenya HIRAKOSE (Shizuoka University), Yoshinobu SHIMAMURA, Tomoyuki FUJII
PS-4 (C10042)	Methodology for Predicting Stress Corrosion Cracking Life Using Stochastic Differential Equation ○Yuki TAKEICHI (Shizuoka University), Tomoyuki FUJII, Yoshinobu SHIMAMURA
PS-5 (C10043)	Growth Characteristics of Stress Corrosion Cracking of High-Strength Aluminum Alloy in NaCl Solution ○Daiki ITO (Shizuoka University), Tomoyuki FUJII, Yoshinobu SHIMAMURA
PS-6 (C10049)	Strength Characterization of Micro-Sized Unidirectional CFRPs under Tension-Torsion Loading ○Mikiyasu HASHIMOTO (Yamaguchi University), Siti FARHANAH, Koichi GODA, Arnaud MACADRE, Yoshihiro SAWADA
PS-7 (C10054)	Effect on Hydrogen on the Tensile Behavior of a Nitrogen-Added and Micronized Metastable Austenitic Stainless Steel ○Ryo OKAMOTO (Yamaguchi University), Kouki YAMAMOTO, Koichi GODA, Arnaud MACADRE
PS-8 (C10068)	Investigation of the Light Influences on Dislocation Behavior of Wurtzite ZnO by Photoindentation ○Hiroto OGURI (Osaka University), Yan LI, Eita TOCHIGI, Xufei FANG, Kenichi TANIGAKI, Yu OSHIMA, Katsuyuki MATSUNAGA
PS-9 (C10069)	Influence of Element Composition on Grain Boundary Migration in High-Entropy Alloys ○Kohei SHIOTANI (Kanazawa University), Tomoaki NIYAMA, Tomotsugu SHIMOKAWA
PS-10 (C10076)	The Effect of Hydrogen on the Dislocation Density of FCC Structure Pure Copper ○Daichi HAYASHI (Yamaguchi University), Kairi KONISHI, Koichi GODA, Arnaud MACADRE
PS-11 (C10082)	Structural Changes in Barium Titanate Crystals during Deformation at Room Temperature ○Takeshi SHIBAMOTO (Osaka University), Yan LI, Kenichi TANIGAKI, Keitaro HORIKAWA, Atsutomo NAKAMURA

PS-12 (C10100)	Thickness Effect on Fatigue Crack Propagation Properties of Cu-Sn-P Copper Alloy Strips ○Amika TSUCHIYA (Keio University), Natsuhiro MITA, Masaki OMIYA
PS-13 (C10104)	Mode II Interlaminar Fracture Toughness Evaluation of FDM-Type 3D Printed CFRTP Laminates ○Tomoya HAGIWARA (Chiba Institute of Technology), Kensuke SAKASHITA, Yukinari NATSUMI, Kohji SUZUKI
PS-14 (C10105)	Equivalent Circuit Modeling and Experimental Verification for Prediction of Battery Thermal Behavior ○Soobin LEE (Yeungnam University), Kisoo YOO
PS-15 (C10107)	Reliability of Uniform Stress Measurement of Carbon Steel by Hole Drilling Method ○Yuze WU (Kumamoto University), Tomoya YAMAGUCHI, Masatoshi KURODA, Masayuk KAMAYA
PS-16 (C10110)	EBSD Data Analysis of Stainless Steels Focused on Grain Boundaries Using MATLAB Toolbox of MTEX ○Zhihong DAI (Kumamoto University), Yujie XU, Masatoshi KURODA
PS-17 (C10117)	Analysis of Battery Degradation Mechanism According to Various Operating Conditions Applying EIS and ICA ○Yunjeong NAM (Yeungnam University)
PS-18 (C10134)	In-Situ Construction of Tin-Nickel MOFs on Nickel Foam for Energy Storage Devices ○Jie ZENG (Yeungnam University), Surya Veerendra VATTIKUTI, Jaesool SHIM
PS-19 (C10139)	Fabrication of Bone Organoids Using 3D Porous Collagen Scaffold ○Ayaka MORISAKI (Kyushu Institute of Information Sciences), Takaaki ARAHIRA
PS-20 (C10143)	Development of Novel Bioink for Bone Regeneration and Application to Artificial Bone Tissue ○Kurumi TAKIMOTO (Kyushu Institute of Information Sciences), Takaaki ARAHIRA, Mitsugu TODO
PS-21 (C10148)	A Facile Approach for Large Quantity Fabrication of rGO Quantum Dots ○Won Young JANG (Yeungnam University), Jaewon CHOI, Ravindranadh KOUTAVARAPU, Jaesool SHIM
PS-22 (C10161)	Evaluation of Seismic Hydrodynamic Pressure Conditions in Agricultural Pipeline System by Constant Monitoring ○Taiki HAGIWARA (Civil Engineering Research Institute for Cold Region), Takashi OHKUBO, Hitoshi NAGUMO
PS-23 (C10177)	Resistance Wilding of Thermoplastic Carbon Fiber Reinforced Composites with Carbon Nanotube ○S SANO (Shizuoka University), Y SHIMAMURA, T FUJII, Y INOUE
PS-24 (C10113)	Improvement of Loosening in Bolted Joints for Aluminum Profile Structure ○Masaki WATANABE (Kagawa University), Nobuyuki OSADA, Hiroaki MATSUMOTO, Shinya MATSUDA
PS-25 (C10167)	A Model-Based Magnetic Hysteresis Analysis for an Electro-Permanent Magnet Kim NGUYEN (Chonnam National University), Hansol LEE, ○Changsei

PS-26 (C10176)	Profile Monitoring for Electric-Vehicle Battery Images Using Stochastic Modeling ○Munwon LIM (Hanyang University), J JANG, J BAE
PS-27 (C10178)	A Study on the Regression Analysis Method for Predicting the Automobile Door Latch Using Minimum Extreme Value Distribution ○J SON (Yeungnam University), J SHIM, Y BAE, W KIM, J KIM, C KIM
PS-28 (Cancel)	
PS-29 (C10132)	Interface Engineering of Binder-Free Electrocatalysts for Hydrogen/Oxygen Evolution Reactions Niranjnmurthi LINGAPPAN (Chonnam National University), ○Wonoh LEE
PS-30 (C10170)	Prediction of Negligible Creep Curves for Gr. 91 and Type 316L(N) Stainless Steels ○Woo Gon KIM (Korea Energy Technology Group), Youngjin NOH, Seonhwa KIM, Seon Jin KIM