CONTENTS

OP048 Study on the Magnetostrictive Position Sensor for Nuclear Reactor Application
   Eun-Ju Yoo, Young-Woo Park, Hee-Wook Song, Myounggyu D. Noh, Jae-Seon Lee and Jong-Wook Kim

OP057 Registration of Point Cloud Data using Coarse-to-fine Approach
   Upendra Tuladhar and Seok-Young Ahn

OP062 Recent Development in Eco-friendly Brazing and Soldering Materials
   Qing-Ke Zhang, Hua-Wei Sun, Jie Liu and Wei-Min Long

OP101 Effect of Ce and Sb on Microstructures and Mechanical Properties of AZ31B Magnesium
   Alloy Welding Joint Using AC Magnetic Field Oscillation
   Sheng-Xin Liu, Yu-Jia Li, Chao-Ning Ma, Yong Chen, Ya-Rong Zhang, Li Bao and Wei-Min Long

OP102 Effect of La and Ce on Microstructure and Corrosion Resistance of Mg-3Al Magnesium Alloy
   Sheng-Xin Liu, Ya-Rong Zhang, Yu-Jia Li, Yong Chen, Lei Zhang and Wei-Min Long

OP107 Multi-objective Optimization of an Axialflow Pump Impeller Shape by using an Evolutionary
   Algorithm
   Fuqing Miao, Hong-Seok Park, Cholmin Kim and Seokyoung Ahn

OP092 Structural Systems and Construction Practices in Social Housing
   Dario De Domenico, Carmelina Bevilacqua and Aurora Angela Pisano

OP125 Application of Industrial Robot in the Field of Investment Casting of Titanium Alloys
   Yan ping, Zhao jun, Liu shibing, Shi kun, Liu hongyu, Chen xiaoming and Ren yafei

OP137 New Technology of V-process Molding Low Pressure Casting Aluminum Alloy Castings
   Wu Jiang, Feng Zhijun, Li Yufei, Zhan Liang, Wang Wei, and Shi Fei

OP138 Soldering Seam Microstructure and Mechanical Properties of Magnesium Alloy AZ31
   Soldered Joint using MgZnSn Filler Metal
   Li Ma, Wei-Min Long, Kang-li Cong,Qing-Ke Zhang, Tian-Ran Ding, Hua-Wei Sun, Hang-Yan Xue, Jie Liu and Chun She
PP005 Analysis of Fluid-structure Interaction of High-precision Cleaning System of Micro Drill Bits
Hyun Jin Choi, Chul-Woo Park, Ik-Soo Kang and Youn-Ho Kuk

PP022 3D Printing Mold for Free-formed Concrete Structure
Junghwan Seo, Joon Ho Kwon, Kyeong Won Oh and Daehie Hong

PP051 The Application of Microwave Drying Technology in the Loose Fiber Dyeing Field
Shaozong Wang, Zhongde Shan, Shuangfeng Wu and Qingfu Lu

PP058 The Temperature Field of Laser Welding of Titanium Steel Dissimilar Materials Distribution Research Based on ANSYS
Xiao-Hong Hu, Yu-Ling Wang and Yang Xu

PP077 [Retracted] Linear Percussion Test of a Cluster-hammer Drilling Machine Complemented with Water-jet Cutting
Sunghoon Ryu, Jae-Joon Song, Jae-Wook Lee, Jin-Young Park, Myeong-Sik Jeong, Jung-Woo Cho and Jung-Gyu Kim

PP121 Effect of Tin Layer on Brazing Performance of Cu-based Filler Metal
Bo-Wen Dong, Wei-Min Long, Qing-Ke Zhang, Su-Juan Zhong and Kun Zhu

PP139 Influence of Ultrasonic Vibration on Crack Generation at Hole Exit Side in Rotary Ultrasonic-drilling on Ceramics
Chang Ping Li, Min Yeop Kim, Tae Jo Ko, Jong Kweon Park and In Jun Yoon

PP151 High-Efficiency Material Saving Brazing Filler Metals
Qing-Ke Zhang, Su-Juan Zhong, Hang-Yan Xue, Tian-Ran Ding and Wei-Min Long

PP163 Experimental Study on Shape Control of Micro-scale Wavy Structures and their Replication using PDMS Mold
Zhijun Zhao, Jae Hyun Yu and Sanghu Park
PP173 Thermal Performance Evaluation of Mortar Mixed with Octadecane/xGnP SSPCM for Energy Saving in Building  
Su-Gwang Jeong, Jungki Seo, Seong Jin Chang, Seunghwan Wi, Yujin Kang and Sumin Kim

PP184 Design of Magnetostrictive Inkjet Head for High Viscosity Fluid  
Ockkyun Oh, Young-Woo Park, Moonsu Kim and Myounggyu D. Nah

PP198 Apply Fuzzy Learning Method Application for Direct Teaching Mobile Robot  
JoungHyeon Ko, SungYoon Yeo, Jangho Bae, ChangYeob Shin and Daehie Hong

PP199 Simulation and Dynamic Analysis of the Car-body Mold Heat Treatment Robot System using Redundancy  
Kee-Jin Park, Byeong-Soo Kim and Yong-Sik Kim

PP202 Balancing of Water-Running Robot by a Tail  
Dong Gyu Lee, HyunGyu Kim, Kyungmin Jeong and TaeWon Seo

PP203 Amphibious Locomotion by Transformable Wheel-leg Mechanism  
JaeHyung Jang and TaeWon Seo

Retraction Note: (PP077) Linear Percussion Test of a Cluster-hammer Drilling Machine Complemented with Water-jet Cutting  
Sunghoon Ryu, Jae-Joon Song, Jae-Wook Lee, Jin-Young Park, Myeong-Sik Jeong, Jung-Woo Cho# and Jung-Gyu Kim

This article has been retracted from the ISGMA 2015 Proceedings as it was submitted by mistake on the part of the authors.