



Awards at ISGMA 2013

There are 3 categories of Awards at ISGMA 2013; Best Poster Awards, Best Paper Awards and Young Researcher Awards. The winners are listed like below and awarded at official banquet at ISGMA 2013 on June 27(Thu). Congratulations.

Chairmen of ISGMA 2014 Eung-Sug Lee and Song K. Choi

Eung-Sug Lee 

Best Poster Awards

1. F. Klocke, H. Sangermann, D. Lung, T. Cayli, B. Döbeler (Laboratory for Machine Tools and Production Engineering (WZL)) : Evaluation of Energy Efficiency in Cutting Aerospace Materials with High-Pressure Cooling Lubricant Supply
2. Jinyoung Choi, Sungkwon Yoon, William T. Nichols (Hanyang Univ.) : Self-Assembly of Biomimetic Sponges
3. Eun-Chae Jeon (Korea Institute of Machinery and Materials), Je-Ryung Lee (Korea Institute of Machinery and Materials),(Korea Univ.), Tae-Jin Je, Doo-Sun Choi, Young-Bog Ham, Eung-Sug Lee, Sang-Kyu Choi (Korea Institute of Machinery and Materials) : Analysis on Dispensing Parameters for Manufacturing Dome Lenses of Chip-on-board Type LED System
4. Yan-Cherng Lin (Nan Kai Univ. of Technology), A-Cheng Wang (Chien Hsin Univ. of Science and Technology), Han-Ming Chow, Yuan-Feng Chen (Nan Kai Univ. of Technology) : Investigation of Machining Characteristics using the Hybrid Process of EDM with Ultrasonic Vibration and Assisted Magnetic Force
5. Ju-Young An, Myung-Hoon Oh, Jong-Moon Park, Hyeon-Jun Jang, Jin-Ui Park, Ki-Hoon Park, Dae-Suk Bang (Kumoh National Institute of Technology), Bong-Seok Kim (Thinker route Co., LTD) : Characterization of Thermo-Plastic Vulcanizate (TPV) Composite Prepared by Waste Tire Powder And

Polypropylene(PP)

6. Yoon Jae Moon, Heuseok Kang, Sang Ho Lee, Kyungtae Kang, Jun Young Hwang,(Korea Institute of Industrial Technology), Seung Jae Moon (Hanyang Univ.) : Temperature Calculation of the Laser-Sintered Silver Nanoparticle Ink
7. Chan-Hong Lee (Korea Institute of Machinery and Materials) : Simulation of Energy Consumption due to Cutting Process Motion in a Machine Tools
8. Soon-Kwan Kwon, Hee-Chan Cho, Seung-Hwan Yi (Korea National Univ. of Transportation) : Analysis on the Capacitive Pressure Sensor with Ring Mesa Structure
9. Rendi Kurniawan, Tae Jo Ko (Yeungnam Univ.) : A New Tool Holder Design of Two-dimensional Motion for Fabricating of Micro Dimple and Groove Pattern
10. Jong Wuk Park, Won Young Jee (Seoul National Univ.), Do Kwan Chung (Dongyang Mirae Univ.), Bo Hyun Kim(Soongsil Univ.), Hong Shik Shin (Korea National Univ. of Transportation), Chong Nam Chu (Seoul National Univ.) : Fabrication of Lenticular Pattern Mold using Wire EDM and Electrolytic Polishing with Deionized Water
11. Le Thuy Hoa, Seung Hyun Hur (Univ. of Ulsan) : Novel NO₂ Sensors Based on 0D-1D p-n Heterojunctions Composed of CuO Nanoparticles and ZnO Nanorods
12. Kyung Taik Park, Hak Joon Kim, B Han, Y J Kim (Korea Institute of Machinery and Materials) : Particle Collection Performance of Oil Mist Eliminators for Manufacturing Industries
13. Hak-Doo Kim, Ki-Bea Hong, Young-Sik Pyun, Jun-Hyong Kim (Sunmoon Univ.) : Ultrasonic Nanocrystal Surface Modification (UNSM) Effects of Cold Steel Tools(D2) on Tribological and Fatigue Characteristic
14. Seungkyu Yang (Hanyang Univ.), Jung-Oh Choi, Sung-Hoon Ahn (Seoul National Univ.), Caroline Sunyong Lee (Hanyang Univ.) :Investigation of Laser Sintering Treatment on Flexible Dye-sensitized Solar Cell Fabricated by NanoParticle Deposition System





Best Paper Awards

1. Shinjiro Umezu, Yoshi Tanaka, Hiromu Hashimoto (Tokai Univ.) : Development of Artificial Wing of Dragonfly Utilizing Micro-Fabrication
2. Yujin Park, Misook Kang (Yeungnam Univ.) : Hydrogen Production over the Band Gap-tuned Micro Sheet-like Snx-1TixS2 Photocatalytic System
3. Jaegu Kim, Tae-Jin Je, Sung-Hak Cho, Eun-Chae Jeon, Kyung-Hyun Whang (Korea Institute of Machinery & Materials) : Micro-cutting with Diamond Tool Micro-patterned by Femtosecond Laser
4. Min-Sung Kim, Nguyen Thai Vinh, Hyeong-Ho Yu, Sung-Tae Hong (Univ. of Ulsan), Hyun-Woo Lee (MS-Autotech Company), Moon-Jo Kim, Heung Nam Han (Seoul National Univ.), John T. Roth (Penn State Erie) : Effect of Electric Current Density on the Mechanical Property of Advanced High Strength Steels under Quasi-Static Tensile Loads
5. Hong-Seok Choi, Sung-Guyy Kim, Byung-Min Kim, Dae-Cheol Ko (Pusan National Univ.) : Application of Mechanical Trimming to Hot Stamped 22MnB5 Parts for Energy Saving

Young Researcher Awards

1. Dr. Jihwan An (Stanford Univ, USA)
2. Dr. Shan Jhongde (National Key Laboratory of Advanced Forming Technology and Equipment, China)
3. Dr. Jay I Jeong (Kookmin Univ, Korea)