

Winners of Awards at ISGMA2016

Winners of Best Paper Award

Eccentric Rotary Swaging

by Svetlana Ishkina, Christian Schenck, Bernd Kuhfuss, Eric Mouri, Kiron Tobeck (University of Bremen)

Formability and Effect of Hole Bridge in the Single Point Incremental Forming

by Van-Cuong Do, Xiao-Xiao, Dae-Cheol Ahn, Young-Suk Kim (Kyungpook National University)

Winners of Best Poster Award

Experiments of the Underwater Vehicle Manipulator System Control Using Zero Moment Point

by Jin-Il Kang, Hyeung-Sik Choi (Korea Maritime and Ocean University), Bong-Huan Jun (Korea Research Institute of Ships&Ocean Engineering), Duc Nguyen Ngoc, Dong-Hee Kim, Joon-Young Kim, Hyun-Joong Son, Vu Mai The (Korea Maritime and Ocean University)

Assessment of Internal Stresses at Lower Extremity in Motion

by Jeong Ro Yoon, Ju Yong Kang, Sangbaek Park, Seungju Lee, Soo-Won Chae (Korea University)

Human Assist System for Weight Training and Its Validation

by Junho Hong, Daehie Hong (Korea University)

Design of a Moving Mechanism for Mobile Machining Systems

by Chang-Ju Kim, Jin-Won Yun, Seung-Kook Ro (Korea Institute of Machinery and Materials)

Design and Fabrication of Multi-actuator Soft Morphing Ray Robot

by Hyung-Soo Kim, Nam-Geuk Kim, Won-Shik Chu, Sung-Hoon Ahn (Seoul National University)

Development of Eco-Friendly Range Extension UTV Hybrid Vehicle System

by Si Tae Won (Seoul National University of Science and Technology), Kee Joo Kim (Tongmyong University), Min-Young Lyu (Seoul National University of Science and Technology)

Study on Aligned Patterning of ZnO Nanowires and Protein using Micro Contact Printing

by Won Seok Yang, Hyun Wook Kang (Chonnam National University)

A Study on Delivery Characteristics of Stellite21 Powder of a Powder Bed System

by Ho-Jin Lee, Dong-Gyu Ahn (Chosun University)

A Study on the Improvement of Edge Chipping of Silicon Nitride according to Spindle Speed and Inclination Angle of Workpiece in Laser-Assisted Milling

by Wan-Sik Woo, Choon-Man Lee (Changwon National University)

A Study on the Structure Analysis of Vehicle Seat Track using Ultra High Strength Steel of 1180MPa

by Won-Jung Oh, Choon-Man Lee (Changwon National University)

Dynamic Modeling and Analysis of Cage in Tapered Roller Bearings

by Van-Canh Tong, Sun-Woong Kwon, Seong-Wook Hong (Kumoh National Institute of Technology)

Materials and Geometry Design of Heat Exchanger Tube for Super Critical Power Plants

by Yoonha Lee, Sungwoo Jang, Hae-Jin Choi (Chung-Ang University)

An Indirect Cryogenic Cooling Method for Machining Titanium Alloy Ti-6Al-4V

by Gi-Dong Yang (Korea Institute of Industrial Technology), Mohd Azlan Suhaimi (Universiti Teknologi Malaysia), Kyung-Hee Park, Dong-Yoon Lee, Tae-Gon Kim, Seok-Woo Lee (Korea Institute of Industrial Technology)

A Study on Electrically Assisted Stress Relief Process of Automotive Springs

by Gi Dong Park, Sung-Tae Hong, Yong-Ha Jeong (University of Ulsan), Tae Shik Yeo, Min Jae Nam (Daewon Kang Up), Moon-Jo Kim, Heung Nam Han (Seoul National University)

Fabrication of 3D Scaffolds of PVA/Fe₂O₃ Composite using Combination of Electro-spinning and Thermally Induced Phase Separations Processes

by Nor Hasrul Akhmal Ngadiman, Noordin Mohd Yusof, Ani Idris, Denni Kurniawan (Universiti Teknologi Malaysia)

Imprinted Planar Lightwave Circuit for Blood Glucose Sensor

by Jun Hyun Kim, Tae Ho Lee, Sang Uk Cho, Hyun Su Kwak, Myung Yung Jeong (Pusan National University)

Winners of Young Researcher Award

Jae-Won Choi (*The University of Akron, USA*)

Janghoon Park (*Konkuk University, Korea*)

Kuewhan Jang (*Korea University, Korea*)

Yen Been Seok (*Universiti Sultan Zainal Abidin, Malaysia*)

Winner of Kahp-Yang Suh Award

Dong-Weon Lee (*Chonnam National University, Korea*)

Winners of Outstanding Presenter Award

Research on the Improvement of Surface Roughness for FDM Technology

by In Hwan Lee (Chungbuk National University), Min Kyung Kim (Nexcoms company), Yong Sun Choi (Chungbuk National University), Ho Chan Kim (Andong National University)

Thermal Deformation Isolation by Flexible Connection for High Precision Satellite Platform

by Zheng-chun Du, Jian-guo Yang, Zhi-guo Wang (Shanghai Jiao Tong University)

Numerical Study to Indicate the Plaque Rupture using Patient-Specific Plaque Models in Coronary Artery

by Wookjin Lee, Seong Wook Cho (Chung-Ang University)

The Least Energy Demand Method, a Tool for Evaluation and Cross-Assessment of the Energy Efficiency in the Production

by David K. Hsu (Iowa State University), Sun-Kyu Kim (Chonbuk National University), In-Young Yang (Chosun University), Young-Tae Cho (Jeonju University), Jon-An Jung (Songwon University), Yong-Deuck Woo (Woosuk University)

Terahertz Techniques of Thickness Measurements in Shim Stock Films and Composite Materials

by Sven Kreitlein, Fabian Ultsch, Fabian Baumhoer, Jörg Franke (Friedrich-Alexander-University of Erlangen-Nuremberg)