

Oral List

Presentation Time and Location: Refer to the ISNST2017 Agenda

http://isnst.eng.stust.edu.tw/sysid/isnst_eng/schedule.htm

EasyChair No.	ISNST2017 ID	Authors	Title
5	A-O-05	Ahmed Sarhan, Mahmoud Ibrahim, T.Y Kuo, Farazila Yusof, Mohd Hamdi	Influence of Laser Power and Scanning Speed on the Hardness and Microstructure of Fe-Based Amorphous Coating on Nickel-Free Stainless Steel Substrate
36	B-O-06	Yue-Han Tsai, Fun-Cheng Jong, Chien-Min Cheng, Kai-Huang Chen and Cheng-Ying	GdOX Resistance Random Access Memory Thin Films
46	B-O-07	Wei-Wen Hu, Yi-Tang Wang, Wei-Xun Deng, Tsung-Ming Tsai, Ting-Li Chen and You-	Design and implementation of VLC-based punch card machine
47	B-O-05	Wei-Wen Hu, Jun-Lin Chen, Wei-Xiang Hong, Ming-Chieh Lu, Nian-Ru Li and Tai-Yu	Driver's immediate physiological perception monitoring system
49	B-O-03	Ming-Jong Lin, Bing-Yu Wu and Chao-Tang Yu	A Pratical Approach on the Immersed-oil Transformer Fault Diagnosis with the Duval Triangle Scheme
76	D-O-07	Wei-Hsun Lin, I-Ping Liu, Chiao-Wei Li and Yuh-Lang Lee	Optimization and Application of Cobalt-based Dye Sensitized Solar Cells under Indoor Lighting Condition
79	A-O-01	I-Chih Wu, Min-Haw Wang, Yi-Chu Hsu and Ling-Sheng Jang	Lock-in thermography for defect localization of IC package after board level reliability drop test
80	D-O-02	Ping Shen, Ting-Ying Liou and Yu-Shen Cheng	In vitro biosynthesis of 3-hydroxypropionic acid from biomass
91	D-O-01	Shih-Ting Lin	The production of γ -aminobutyric acid (GABA) from waste feedstocks– A preliminar study on carbon sources
92	D-O-04	Jian-An Su	Electrochemical approach of AC-Impedance for biochemical analysis in microbial culture system
96	D-O-08	Masatoshi Matsumura and Shuichi Torii	Effect of graphene oxide nanofluid on heat hipe thermal performance
97	D-O-05	Guan Wei Chiu and Yu Shen Cheng	The edible film production from seed gum of Hyptis suaveolens
104	B-O-01	Renann Baldovino	Conceptual Design of a Smart Aeroponics Vertical Farming System
114	C-O-01	Renann Baldovino and Aaron Raymond See	Visualization Toolkit (VTK) for Medical Image 3D Reconstruction: A Review
116	A-O-06	Paul Dominick Baniqued, Winny Paredes, Renann Baldovino, Alexander	Biomechanical Analysis of a 5-Degree-of-Freedom Upper Limb Exoskeleton Mechanism using Motion Capture
117	B-O-08	Chien-Chung Wu and Shiue-Ling Wu	A Novel Method for Traffic Sign Detection and Recognition
119	A-O-09	Taiki Ishimoto and Shuichi Torii	STUDY ON ELECTRIC BOILER BY A DIRECT SENDING OF ELECTRICITY

120	A-O-08	Kohei Hamahata and Shuichi Torii	Promoted Boiling Heat Transfer on Vibrated Heating Surface
124	C-O-09	Kai-Hsuan Li, Bo-Lin Lin and Ruey-Ching Twu	A Real-Time and Non-Contact Flowing Liquid Concentration Measurement
135	D-O-11	Chao-Wei Lee, Ying-Chen Chen and Bing-Hung Chen	Study on Catalyzed Transesterification Reaction of Soybean Oil and Waste Cooking Oil over Lithium Metasilicate
179	D-O-09	Yu Xin Yang and Chien-Hsiang Chang	Effects of bovine serum albumin on the Langmuir monolayer behavior of mixed dihexadecyl-chain ion pair amphiphile/hydrophilic additive systems
183	D-O-03	Pei-Hsuan Su, Yu-Ching Su and Chien-Hsiang Chang	Fabrication of Catanionic Vesicles from Pseudotriple-Chained Ion Pair Amphiphiles
192	A-O-07	Joseph Gabriel G. Villanueva, Renann Baldovino	A Low-cost 3D Filament Maker for Polylactic Acid (PLA) and Polyethylene Terephthalate (PET) Scrap Plastics: A Mechanical Concept Design using Catia
194	D-O-10	Chen Ying Yang, Chien Hsiang Chang and Hsin-Ying Yu	Fabrication of Vesicular Structures from a Fatty Acid Mixture
200	A-O-04	Daniela Martinez Alvarez and Yi-Chu Hsu	Plant Growth Model under EMF Radiation Treatment
204	B-O-02	Raphael Benedict Luta	Supervised Learning for Multi-label Classification of pH Levels
210	B-O-09	You-Xuan Zheng, Yin-Shyh Chiou, Kuo-Chen Li, Shih-Lun Chen and Pei-Yu Wu	A High-Performance Kalman Filter FPGA Design for Location Tracking
219	C-O-03	Delfin Enrique Lindo, Aira Patrice Ong and Nilo Bugtai	Recent Developments of Laparoscopic Instruments for Minimally Invasive Surgery
220	C-O-05	Francisco Munsayac, Aira Patrice Ong and Nilo Bugtai	Design Analysis of a Sugarcane Cutter using Finite Element Method
229	B-O-04	Shih-Lun Chen, Jhu-Jyun Yang, Shan-Ni Hsieh, Hsien-Chen Wang, Szu-Yin Lin	LOSSLESS COMPRESSION METHDOLOGY FOR PANORAMIC FILM
232	D-O-06	Wei-Cheng Wang, Yu-Hsuan Cheng and Jiunn-Jye Chuu	The potent anti-inflammatory actions of Guilu Erxian Glue extracts remedy joint pain and ameliorate the progression of osteoarthritis in mice
234	C-O-08	Ming-Min Liou, Jeng-Feng Lin, Jyh-Huei Lay and Chih-Chieh Kang	A Multi-Approach Study on Circular Fringe of a Light Art with a Cylindrical Lightpipe
244	C-O-06	Aira Patrice Ong and Nilo Bugtai	Recent Advancements on Human Motion Technology and Tracking Systems in Sport and Exercise Biomechanics
248	A-O-02	Krerkkiat Sasiwimonrit and Wei-Chin Chang	Re-activating polymer electrolyte membrane fuel cells under room condition
249	C-O-07	Danica Mitch Pacis, Edwin Jr Subido and Nilo Bugtai	Current Researches and Trends in Miniaturization Techniques for Wearable Medical Monitoring Systems
254	C-O-02	Chokcharat Rityen, Theerayut Aiamsamang and Tossawut Chaidavun	Microcontroller based Lemons Counting and Sorting Machine

255	C-O-04	Tatsana Thomthong, Nucha Rungrawee, Luktaphon Maneewan and Waratta Promian	Parabolic Solar Tracking Concentrator Development for Drinking Water
NS	A-O-03	Quoc Thien Pham, and Nai-Shang Liou	The development and application of servo motor driven TPA system