

		Room A (6F- Li)	
31th October (Sat.)	Oral Session 1 9:00 12:00	A1. F. Computer & Information Engineering SL. Intelligent Automation and Smart Systems SU. Advances in Information Analysis Techniques <i>Chung-Chi Huang, Far East University, Session Chair</i> <i>Kuan-Chen Lin, Far East University, Session Chair</i>	
		A1-1 9:00	A1-9 11:00
		SL5002- Intelligent Diagnosis and Prescription for Customized Physical Fitness and Healthcare System <i>Chung-Chi Huang, Hsiao-Man Liu, Chung-Lin Huang, Cong-Hui Huang, and Yen-Ting Ke</i>	F5005- Extracting Retrospective Patterns from Time-Stamped Texts According to Variable Query Time Interval <i>Jing-Doo Wang, Heri Wijayanto</i>
		A1-2 9:15	A1-10 11:15
		SL5003- Intelligent Scheduling of Execution for Customized Physical Fitness and Healthcare System <i>Chung-Chi Huang, Hsiao-Man Liu, Chung-Lin Huang, Cong-Hui Huang, and Yen-Ting Ke</i>	F5012- A Neural-based Skyline Identifier for Finding Similar Users in Social Networks <i>Yu-Ting Sun, Chun-Jhong Wang, Yi-Chung Chen, Yu-Liang Hsu, Heng-Yi Su</i>
		A1-3 9:30	A1-11 11:30
		SL5004- Fool-Proofing Design and Crisis Management for Customized Intelligent Physical Fitness and Healthcare System <i>Chung-Chi Huang, Hsiao-Man Liu, Chung-Lin Huang, Cong-Hui Huang, and Yen-Ting Ke</i>	F5014- Tracking Driver's Face Fast and Reliably for Detecting His Drowsiness <i>In-Ho Choi, Chan-Hee Jeong, Yong-Guk Kim</i>
		A1-4 9:45	A1-12 11:45
		SL5005- Intelligent Diagnosis and Maintenance System for Maximum Performance of Power Generation with Solar Energy <i>Chung-Chi Huang, Cong-Hui Huang, Kuan-Chen Lin, Sheng-Feng Yang, and Cheng-Chi Tsai</i>	SU5002- Data Processing and Economic Analysis of NTA: An Introduction <i>Kevin Y. Hsieh, Jay S. Lin, An-Chi Tung</i>
		A1-5 10:00	
SL5006- Cloud-Dust Based Intelligent Tracking System for Components Analysis <i>Chung-Chi Huang, Kuan-Chen Lin, Chung-Lin Huang, Chi-Ao Hsieh, and Jun-Jie Liu</i>			
A1-6 10:15			
SL5007- Design and Implementation of Intelligent Dust System for Cloud-Dust Based Intelligent Manufacturing System <i>Chung-Chi Huang, Chung-Lin Huang, Cong-Hui Huang, Kuan-Chen Lin, and Sheng-Sian Tang</i>			
A1-7 10:30			
SL5008- Development of Improved Customer Satisfaction Based Intelligent Decision Support System for Travelling Management <i>Chung-Lin Huang, Chung-Chi Huang</i>			
A1-8 10:45			
F5003- Memory Allocation and Computations for Laplace's Equation of 3-D Arbitrary Boundaries <i>Tswm-Syau Tsay, Shen-Haw Ju</i>			

Room B (6F- Boardroom)		
31th October (Sat.)	Oral Session 1 9:00 12:00	B1. C. Electrical & Electronic Engineering SP. Recent Advances in Information <i>Jeong-Dong Kim, Korea University, Session Chair</i> <i>Yun-Parn Lee, Ming Chuan University, Session Chair</i>
	B1-1 9:00	B1-9 11:00
	C5004- Develop and Evaluate New Innovative Free Energy Methods: Sea Water, Tide Power and QED Air Power Generation <i>Yun-Parn Lee</i>	SP5002- Collaborative Learning System Using SNS-based Social Feedback <i>Jiseong Son, Jeong-Dong Kim, Hong-Seok Na, Doo-Kwon Baik</i>
	B1-2 9:15	B1-10 11:15
	C5007- Research on the Air-core Reactor Integrated in Transformer <i>Longfu Luo, Jinwen Xiang, Chonggan Liang, Wendi Liao</i>	SP5003- CA5W1HOnto-based Life Data Analysis and Monitoring for Personalized Healthcare Service <i>Jeong-Dong Kim, Hong-Seok Na, Suk-Hyung Hwang, Doo-Kwon Baik</i>
	B1-3 9:30	B1-11 11:30
	C5009- A Study of the Effects of Insulation Methods to the Square Electrodes for Micro Machining Shape on Shape Memory Alloy in Electrochemical Machining <i>Seung-Geon Choi, Kwang-Ho Chun, Eun-Sang Lee</i>	
	B1-4 9:45	B1-12 11:45
	C5011- Permanent Magnet Synchronous Motor Drive System Design by Sliding Mode Control Scheme <i>Chiu-Keng Lai and Kuo-Hsuan Hsu</i>	
	B1-5 10:00	
C5016- A Novel Rail-to-Rail Operational Amplifier with Low Output Resistance <i>Shu-Hang Zhang, Yu-Cheng Feng, Miin-Shyue Shiau, Qi-Ming Wan, Don-Gey Liu</i>		
B1-6 10:15		
C5018- A Variable Step-size Algorithm for Active Noise Control of Distributed Networks <i>Ju-Man Song, Poo-Gyeon Park</i>		
B1-7 10:30		
C5019- Optimal Location and Sizing of DG in the Island-Scale Distribution System for Loss Reduction <i>Cheng-Ting Hsu, Roman Korimara, Tsun-Jen Cheng</i>		
B1-8 10:45		
SP5001- Dynamic Access Control Model for Privacy Preserving Personalized Healthcare in Cloud Environment <i>Jiseong Son, Jeong-Dong Kim, Hong-Seok Na, Doo-Kwon Baik</i>		

Room C (7F- Confucius)			
31th October (Sat.)	Oral Session 1 9:00 12:00	C1. SN. Recent Advances in Bioinformatics and Bio-instruments O. Other Engineering and Technology Related Topics <i>Jason Shian-Ching Jang, National Central University, Session Chair</i> <i>Mun-Ho Ryu, Chonbuk National University, Session Chair</i>	
		C1-1 9:00	C1-9 11:00
		SN5004- Hyperparameter Tuning for Hidden Unit Conditional Random Fields <i>Eun-Suk Yang, Chan-Young Park, Jong-Dae Kim, Hey Jeong Song, Yu-Seop Kim</i>	SN5012- Fluorescence Analysis for Black Printed Circuit Board Based Micro-Polymerase Chain Reaction Chip <i>Ji-Soo Hwang, Jong-Dae Kim, Yu-Seop Kim, Hye-Jeong Song, Doohee Jeong and Chan-Young Park</i>
		C1-2 9:15	C1-10 11:15
		SN5005- Korean Semantic Role Labeling using Korean PropBank Frame Files <i>Miran Seok, Chan-Young Park, Jong-Dae Kim, Hye-Jeong Song, Yu-Seop Kim</i>	SN5013- Temperature Sensors for Biochips based on Resistance Temperature Detectors on PCB <i>Sang-Yoon Kim, Jong-Dae Kim, Yu-Seop Kim, Hye-Jeong Song, Sihm Ae Lee, Chan-Young Park</i>
		C1-3 9:30	C1-11 11:30
		SN5006- Automatic Semantic Role Conversion based on Word Similarity and Statistics <i>Young-Shin Youn, Min-Jeong Seo, Chan-Young Park, Jong-Dae Kim, Hye-Jeong Song, Yu-Seop Kim</i>	SN5015- Biocompatibility Study of Ni-free Zr-base and Ti-base Metallic Glasses <i>Jason Shian-Ching Jang, Pei-Hua Tsai, Tsung-Hsiung Li and Kai-Ti Hsu</i>
		C1-4 9:45	C1-12 11:45
		SN5007- Pipetting Monitoring by Image Processing in Automated Laboratory Analyzer <i>Jun Yeon, Hye-Jeong Song, Chan-Young Park, Yu-Seop Kim, Kie-Bong Nahm, Jong-Dae Kim</i>	O5002- The Construction of Picture Database for Life Style Board <i>Peng-Jyun Liu, Ming-Chuen Chuang</i>
		C1-5 10:00	
		SN5008- Performance Evaluation of Cost-Optimized Thermal Cyclers <i>Young-Hyun Park, Hye-Jeong Song, Chan-Young Park, Yu-Seop Kim, Ji Hyoung Lee, and Jong-Dae Kim</i>	
		C1-6 10:15	
		SN5009- Reaction Chamber Temperature Measurement of Micro PCR Chip <i>Seung-Cheol Lee, Hye-Jeong Song, Chan-Young Park, Yu-Seop Kim, Ah-Reum Park, and Jong-Dae Kim</i>	
		C1-7 10:30	
SN5010- Automatic Detection of Malaria Parasite in Blood Images Using Two Parameters <i>Kyeong-Min Nam, Jong-Dae Kim, Chan-Young Park, Yu-Seop Kim, Hye-Jeong Song</i>			
C1-8 10:45			
SN5011- Fluorescence Standard Reference Plate for UV Illumination using Quantum Dots <i>Deuk-Ju Lee, Jong-Dae Kim, Yu-Seop Kim, Hye-Jeong Song, Inyoung Kim, and Chan-Young Park</i>			

		Room D (7F- Mean)	
31th October (Sat.)	Oral Session 1 9:00 12:00	D1. J. Mechanical Engineering SA. Recent Advances in Dynamics and Vibration Engineering <i>Kihong Shin, Andong National University, Session Chair</i> <i>Tai-Ping Chang, Andong National Kaohsiung First University of Science and Technology, Session Chair</i>	
		D1-1 9:00	D1-9 11:00
		SA5001- A Low Cost Flexible Electrodynamical Planar Loudspeaker <i>Jium-Ming Lin, Ubadigha Chinweze Ukachukwu, Cheng-Hung Lin</i>	J5027- Design of a Gas-filled Adjustable Shock Absorber and a Ride Comfort-based Spring for Active Vehicle Suspension Systems <i>Caiyang Wei, Pak Kin Wong, Zhengchao Xie, Jing Zhao, Rui Deng</i>
		D1-2 9:15	D1-10 11:15
		SA5002- Structural Damage Identification and Optimal Design of Retrofitting for Railway Bridges with Composite Plates Based on Bridge Responses <i>Tai-Ping Chang</i>	J5028- Design of a Road Friendly SAS System for Heavy-duty Vehicles based on a Fuzzy Hybrid-ADD and GH-control Strategy <i>Jing Zhao, Pak Kin Wong, Zhengchao Xie, Rui Deng, Caiyang Wei</i>
		D1-3 9:30	D1-11 11:30
		SA5003- Nonlinear Vibration of Single-Walled Carbon Nanotubes with Small Scale Effects and Random Material Properties <i>Tai-Ping Chang</i>	J5030- Fabrication of Tiny Whiskers on Core-shell Nanowires Based on Stress-induced Atomic Migration <i>Yuhki Toku, Mikio Muraoka, Yang Ju</i>
		D1-4 9:45	D1-12 11:45
		SA5007- Correlation Analysis of Transient Vibration Signals for the Location Template Matching Method <i>Kihong Shin</i>	J5034- Investigation of Characteristics of Shear Layer: Application of Synthetic Jet in Backward-Facing Step Flow Field <i>Chia-Wei Hsu, San-Yih Lin</i>
		D1-5 10:00	
		SA5011- Dynamic Behavior of Steel Plates Subjected to Blast Loading <i>Jong Yil Park, Eunsun Jo, Min Sook Kim, Young Hak Lee</i>	
		D1-6 10:15	
SA5022- Evaluation of Machine Learning Method for Ground Vibration Prediction Model Induced by High-speed Railway <i>Chi-Jim Chen, Yit-Jin Chen</i>			
D1-7 10:30			
SA5032- Using CAE Techniques for the Dynamic Analysis of 3-Axis CNC Machine Tools <i>Yunn-Lin Hwang, Jung-Kuang Cheng, Van-Thuan Truong</i>			
D1-8 10:45			
J5020- Hole Problems in a Circular Piezoelectric Plate <i>Yen-Chu Liang, Yun-Ping Sun and Lung-Nan Wu</i>			

		Room E (7F- Mencius)	
31th October (Sat.)	Oral Session 1 9:00 12:00	E1. F. Computer & Information Engineering L. Environmental, Food, Health Science & Technology SD. Multimedia Communications and Applications SS. Advances in Computer Engineering and Artificial Intelligence <i>Yih-Chuan Lin, National Formosa University, Session Chair</i> <i>Yao-Tang Chang, Kao Yuan University, Session Chair r</i>	
		E1-1 9:00	E1-9 11:00
		SD5003- Spectrum Monitoring for Wireless TV Broadcast Using Software-Defined Radio <i>Wen-Tzu Chen, Ku-Tung Chang, Chung-Pao Ko</i>	F5029- A Simple Personal Information Authorization Architecture <i>Hsia-Hung Ou</i>
		E1-2 9:15	E1-10 11:15
		SD5004- Effects of a Computer-assisted Argument Mapping Learning Strategy on Sixth Grade Students' Argumentative Essay Reading Comprehension <i>Kuang-Hung Chiang, Cheng-Yu Fan, Hsiao-Hung Liu, Gwo-Dong Chen</i>	SS5004- Multi-bits Data Hiding Scheme for Compress Secret Message <i>Wen-Chung Kuo, Shao-Hung Kuo, Lih-Chyau Wu</i>
		E1-3 9:30	E1-11 11:30
		SD5005- Prediction Techniques for Quad-Tree Partition in HEVC <i>Yih-Chuan Lin, Jian-Cheng Lai, Hsu-Chun Cheng</i>	SS5010- Convergence Analysis of the Jacobi Pseudo-spectral Method for Second Order Volterra Integro-differential Equations <i>Xiao-Yong Zhang</i>
		E1-4 9:45	E1-12 11:45
		SD5006- Confidential Enhancement with Logistic Map/M-sequence Mapping for Scrambling H.264/AVC Video Streaming over SAC-OCDMA Network <i>Yao-Tang Chang, Yih-Chuan Lin</i>	L5007- SMS-Based Automated Water Level Recorder in Increasing Social Preparedness toward Flash Flood at Bringin River, Semarang, Indonesia <i>Suharyanto, Suyitno H. P.</i>
		E1-5 10:00	
		SD5007- A Study of Object-based Error Concealment in 3D Video <i>Chuen-Ching Wang, Chien-Shiang Hong, Shen-Chuan Tai</i>	
		E1-6 10:15	
SD5010- An Interactive Multimedia e-Learning Material on Fiber Welding and Measurement <i>Yu-En Wu, Yu-Sing Yeh, Wei-Chih Hsu, Min-Hsiang Huang</i>			
E1-7 10:30			
F5022- Improving IDS Alerts Using Predictive Apriori Algorithm <i>Budi Tiara Saputra, Fuw-Yi Yang</i>			
E1-8 10:45			
F5023- CIDP Treatment: An Innovative Mobile Botnet Covert Channel based on Caller IDs with P8 Treatment <i>Chia-Hao Lee, Chih-Wen Ou, Fu-Hau Hsu, Yu-Liang Hsu</i>			

		Room C (7F- Confucius)	Room D (7F- Mean)
31th October (Sat.)	Oral Session 2 13:00 15:00	C2. A. Materials Engineering SJ. Recent Advances in Civil Engineering and Construction Material <i>Chun-Huy Wang, Nan-Jeon University of Technology, Session Chair</i> <i>Han Aylie, Diponegoro University, Session Chair</i>	D2. A. Materials Engineering J. Mechanical Engineering SB. Recent Advances in System Dynamics, Design and Control Engineering <i>Yi-Cheng Huang, National Changhua University of Education, Session Chair</i> <i>Kai He, Center for Precision Engineering, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Session Chair</i>
		C2-1 13:00	D2-1 13:00
		A5001- Effect of Li2CO3 Addition on The Microstructure and Electrical Properties of Lead-Free (Na0.5K0.5)NbO3-Bi0.5(Na0.90K0.10)0.5TiO3 <i>Chun-Huy Wang</i>	SB5001- Iterative Learning Control Bandwidth Tuning Using the Particle Swarm Optimization Technique for High Precision Motion <i>Yi-Cheng Huang, Yi-Wei Su and Po-Chou Chuo</i>
		C2-2 13:15	D2-2 13:15
		A5002- Effect of Sintering Condition on the Microstructure and Electrical Properties of Lead-Free (Na0.5K0.5)NbO3 - Bi0.5(Na0.83K0.17)0.5TiO3 Ceramics <i>Chun-Huy Wang</i>	SB5002- Prediction and Design of Optimal Surface Roughness for CNC Turning of Aluminium 7075-T6 by Using Taguchi-based Response Surface Methodology and Hybrid Quantum-Behaved Particle Swarm Optimization <i>Wen-Jong Chen, Chuan-Kuei Huang, Qi-Zheng Yang, Yin-Liang Yang</i>
		C2-3 13:30	D2-3 13:30
		A5038- Study on the Cracking in the Acrylic Glass of a Trainer Aircraft Cockpit <i>Banglin Dong, Weitao Lou, Huipeng Chen, Jingjing He, Weifang Zhang</i>	SB5004- Study of Piezoelectric Materials Combined with Electromagnetic Design on Bicycle Power <i>Dyi-Cheng Chen, Shih-Hung Kao, Chen-Kun Huang, Chia-Yu Liu, Yi-Ting Lai</i>
		C2-4 13:45	D2-4 13:45
		A5005- The Influence of Concrete Compression Strength Gradation to the Behavior of an Element <i>Han Aylie, Buntara S. Gan, M. Mirza Abdillah Pratama</i>	SB5007- Modified Dynamic Viscometer Designs at Micro-scale <i>Jin-Chuan Chang, Kerwin Wang</i>
		C2-5 14:00	D2-5 14:00
A5008- Core-shell Typed Copolyaniline Coated Polymeric Nanoparticle Suspension and Its Viscoelastic Response under Electric Fields <i>Il-Jae Moon and Hyoung Jin Choi</i>	A5004- A New Kind of Incremental Bending Method for Complicated Curved Sheet Metal <i>Jiuhua Li, Xiaobing Dang, Kai He, Qiyang Zuo and Ruxu Du</i>		
C2-6 14:15	D2-6 14:15		
A5014- Wireless Inertial Sensors Made on Flexible Substrate and Based on Thermal Convection and Near-Field-Communication Principles <i>Jium-Ming Lin, Cheng-Hung Lin</i>	A5029- Preparation of Cu-Zn Ferrite Photocatalyst and It's Application <i>Yen-Chun Liu, Jarn-Chih Hsu, Yen-Pei Fu and Kuo-An Tsai</i>		
C2-7 14:30	D2-7 14:30		
A5020- Microwave Dielectric Properties of NdTi0.5W0.5O4 Ceramics <i>Yih-Chien Chen, Min-Zhe Weng and Ruei-Yang Syu</i>	J5009- A New Test Method for Shipping Pallet of Solar Product <i>Shu-Tsung Hsu, Yean-San Long, Teng-Chun Wu</i>		
C2-8 14:45	D2-8 14:45		
SJ5007- Study on Utilization of LVL Sengon (Paraserianthes falcataria) for Gable Frame Structure <i>Ali Awaludin, Pinta Astuti</i>	J5026- Finite Element Analysis on the Response of 6061-T6 Aluminum Alloy Tubes with a Local Sharp Cut under Cyclic Bending <i>Chen-Cheng Chung, Kuo-Long Lee, and Wen-Fung Pan</i>		

		Room E (7F- Mencius)	
31th October (Sat.)	Oral Session 2 13:00 15:00	E2. SC. Multimedia Application and Tools SH. Recent Innovations in Sensors <i>Hsiang-Chen Hsu, I-Shou University, Session Chair</i> <i>Ethan Yun-Yao Chen, National Cheng Kung University, Session Chair</i>	
		E2-1 13:00	E2-7 14:30
		SH5001- Development of Tooling Machine Diagnostic System using MEMS Micro Sensors: A Case Study <i>Shang-Liang Chen, Yin-Ting Cheng, Zheng-Wei Lin, Yun-Yao Chen</i>	SH5002- MTPDF: A Novel Machine Tool Performance Diagnosis Framework <i>Shang-Liang Chen, Yin-Ting Cheng, Zheng-Wei Lin, Yun-Yao Chen</i>
		E2-2 13:15	E2-8 14:45
		SH5004- Design on MEMS-Based 3D Biochip for Drug-Released Dispenser <i>Hsiang-Chen Hsu, Li-Ming Chu, Baojun Liu, Chien-Yuan Lai</i>	SC5004- Arch Index and Plantar Pressure Calculation using Automatic Footprint Detection Approach <i>Thossaporn Kaewwichit, Ke-Han Su, Chien-Hsun Tseng, Chong-Ching Chang</i>
		E2-3 13:30	
		SH5022- Combined Multi-Hop Distributed Energy-Efficient Cluster Algorithm with Fuzzy Logic Control for Wireless Sensor Networks <i>Young-Long Chen, Li-Hsien Chang, and Tuo-Jing Huang</i>	
		E2-4 13:45	
		SH5026- EyeSee; an Assistive Device for Blind Navigation with Multi-Sensory Aid <i>Catherine A. Todd, Mohammad Albatat, Amish Suchak</i>	
		E2-5 14:00	
SH5025- Creative Activity Aid using Active Tremor Cancellation <i>Catherine A. Todd, Shaikha AlBadi, Nour El Sayed, Mina Makary, Omar Mahmoud</i>			
E2-6 14:15			
SH5024- Towards an Autonomous Unmanned Aerial Vehicle for Indoor Flight and Assistive Healthcare <i>Catherine A. Todd, Mohamed Watfa, Yassine El Mouden, Sana Sahir, Afrah Ali, Ali Niavarani, Aoun Lutfi, Abigail Copiaco, Vaibhavi Agarwal, Kiyan Afsari, Christopher Johnathon, Henry Okafor, Marina Ayad</i>			

Room A (6F- Li)			
1st November (Sun.)	Oral Session 3 09:00 12:00	A3. J. Mechanical Engineering SA. Recent Advances in Dynamics and Vibration Engineering SG. Recent Advances in Mechanism and Machine Design SK. Recent Advances in Prognostics and System Health Management <i>Yi-Chang Wu, National Yunlin University of Science & Technology, Session Chair</i> <i>Wan-Tsun Tseng, National Yunlin University of Science & Technology, Session Chair</i>	
		A3-1 9:00	A3-9 11:00
		SG5005- The Investigation of Electrode Design and Output Performance of Piezoelectric Actuator <i>Shyang-Jye Chang, and Zheng-Yang Hsieh</i>	SK5001- A Virtual Maintenance-based Approach for Satellite Assembling and Troubleshooting Assessment <i>Geng Jie, Li Ying, Lv Chuan, Zhou Dong</i>
		A3-2 9:15	A3-10 11:15
		SG5006- Development of Motion Vectors Searching Method for High-Resolution Image Sequence <i>Shyang-Jye Chang, and Ray-Hong Wang</i>	SA5016- Design Validation of Dynamic Model of Small Satellite Structure <i>M. Prabu Sai Manoj, Rakesh Ramakrishnan, V. Aditya, Nachiketa Chauhan, Akshay K. Gulati and C. Padmanbhan</i>
		A3-3 9:30	A3-11 11:30
		SG5008- Development of a low-power Permanent Magnet Wind Power Generator for Micro-grid <i>Wan-Tsun Tseng, Li-Iau Su, Wen-Sheng Chen</i>	
		A3-4 9:45	A3-12 11:45
		SG5010- Structural Analyses of Water Lifting Devices with Gears in Ancient China <i>Kuo-Hung Hsiao, Yu-Hsun Chen</i>	
		A3-5 10:00	
		SG5013- Micromirror Based Laser Vector Scanning Virtual Image Head-up Display <i>Chao Fan and Siyuan He</i>	
		A3-6 10:15	
J5023- Ultrasonic Assisted Thermoforming for Rapid Fabrication of Micro-speaker Diaphragm <i>Ho-Jin Bae, Keun Park</i>			
A3-7 10:30			
J5035- Layer Thickness Effects of Flexible Organic Light-Emitting Diodes <i>Tsai-Cheng Li, Sheng-Da Cai, Rwei-Ching Chang</i>			
A3-8 10:45			
J5010- Development of an Interface between 3D Kinect Scanner and Kossel Mini Printer <i>Cheng-Tiao Hsieh</i>			

Room B (6F- Boardroom)			
1st November (Sun.)	Oral Session 3 09:00 12:00	B3. I. Control Engineering M. Innovation Management N. Intelligent Computing WE. Medical Imaging, Image and Signal Processing <i>Hsiang-Chuan Liu, Asia University, Session Chair</i> <i>Inchio Lou, University of Macau, Session Chair</i>	
		B3-1 9:00	B3-9 11:00
		N5003- Backpropagation Neural Ensemble for Localizing and Recognizing Non-Standardized Malaysia's Car Plates <i>Chin Kim On, Rayner Alfred, Teo Kein Yao, Patricia Anthony and Wang Cheng</i>	I5003- Quickly Implement FPGA Chip Control for Self-propelled Vehicle Searching Light on Simulink Platform <i>Cheng-Shion Shieh</i>
		B3-2 9:15	B3-10 11:15
		N5001- Algal Bloom Prediction by Support Vector Machine with Genetic Algorithm Optimization in Freshwater Reservoirs <i>Zhengchao Xie, Yanjie Wang, Inchio Lou, Wai Kin Ung, and Kai Meng Mok</i>	M5001- A Generalized DEMATEL Theory with a Shrinkage Coefficient of Indirect Relation Matrix <i>Hsiang-Chuan Liu, Ben-Chang Shia, Yih-Chang Ou, Huan-Wen Su</i>
		B3-3 9:30	B3-11 11:30
		N5006- A Novel Ordering Theory For Multiple Choice Question Based on Liu's Polytomous Ordering Theory <i>Hsiang-Chuan Liu, Yih-Chang Ou, Hsien-Chang Tsai, Yen-Kuei Yu, Te-Ying Cheng, Huan-Wen Su</i>	
		B3-4 9:45	B3-12 11:45
		WE5002- Speeding up Estimation of the Hurst Exponent by a Two-stage Procedure from a Large to Small Range <i>Yen-Ching Chang</i>	
		B3-5 10:00	
		WE5004- Total Variation Based Edge Enhancement of Intima-Media Layer for Level Set Segmentation in Carotid Arteries and Analysis of Shape Based Features <i>Sumathi Krishnaswamy, Mahesh Veezhinathan</i>	
		B3-6 10:15	
		WE5007- Analysis of Brain Subatomic Structures in Alzheimer MR Images Using Anisotropic Diffusion and p-Laplace Level Sets <i>K. R. Anandh and C. M. Sujatha</i>	
		B3-7 10:30	
WE5019- Time Sequence Images of PET with Wavelet Technique <i>Chih-Yu Hsu, Yeong-Lin Lai, Chih-Cheng Chen, Yu-Tzu Lee, Yeong-Kang Lai, Chun-Yi Zheng, Huai-Cian Jheng</i>			
B3-8 10:45			
I5001- Robust Control of Pendulum-typed Micro-Vibration Isolation System <i>Meng-Shium Tsai, Yann-Shuoh Sun</i>			

		Room C (7F- Confucius)	
1st November (Sun.)	Oral Session 3 09:00 12:00	C3. A. Materials Engineering SF. Advanced Development on Materials and Mechanic SU. Advances in Information Analysis Techniques <i>Chun-Hsiung Tseng, Nanhua University, Session Chair</i> <i>Jia-Shing Sheu, National Taipei university of Education, Session Chair</i>	
		C3-1 9:00	C3-9 11:00
		SU5001- An Automatic Data Analysis Tool for the Web <i>Chun-Hsiung Tseng, Yung-Hui Chen, Ching Lien Huang, Yan-Ru Jiang</i>	SF5007- Stability of Twin Circular Tunnels in Cohesive-Frictional Soil Subjected to Surcharge Loading Using the Node-based Smoothed Finite Element Method (NS-FEM) <i>Thien M. Vo, An N. Chau, Tam M. Nguyen, Hoang C. Nguyen</i>
		C3-2 9:15	C3-10 11:15
		SU5003- Predicting the Financial Crisis by Mahalanobis Taguchi System –Adaptive Resonance Theory Neural Network Algorithm in Dynamic Environments <i>Ching-Lien Huang, Chun-Hsiung Tseng, Yung-Hui Chen, Tian-Long John Wan</i>	SF5009- Cutting of Glasses by Laterally Multi-Focused Laser <i>Hsiang-Chen Hsu, Shih-Jeh Wu and Wen-Fei Lin</i>
		C3-3 9:30	C3-11 11:30
		SU5004- Particle Swarm Optimization Based Networked Control System Design with Uncertainties <i>Ti-Hung Chen, Ming-Feng Yeh, Wen-Yo Lee</i>	
		C3-4 9:45	C3-12 11:45
		SU5005- An Indoor Navigation Service with Continuous Images for Enhancing Search Activities in Libraries <i>Hsuan-Pu Chang, Hao-Ming Lee and Shi-Pin Fong</i>	
		C3-5 10:00	
		SU5006- The Data Analytics and Planning of Demand Quantity on Deteriorating Items for Collaborative Forecasting in the CPFR Application Business Models <i>Juin-Han Chen</i>	
		C3-6 10:15	
SU5007- The Application of Remote Control Home Appliances Based on Bluetooth Phone App <i>Yung-Hui Chen, Ching-Lien Huang, Chun-Hsiung Tseng, Lawrence Y. Deng, Deng-Qing Jian, Long-He Lee</i>			
C3-7 10:30			
A5032- The Origin of High Efficiency in Low-temperature Solution-processable Bilayer Organometal Halide Hybrid Solar Cells <i>Yang-Yen Yu, Chia-Fen Teng</i>			
C3-8 10:45			
A5033- Study on Preparation of High-k Organic-Inorganic Thin Film for Organic Thin Film Transistor Gate Dielectric Application <i>Yang-Yen Yu, Chi-Ting Chiu</i>			

		Room D (7F- Mean)	
1st November (Sun.)	Oral Session 3 09:00 12:00	D3. C. Electrical & Electronic Engineering J. Mechanical Engineering SA. Recent Advances in Dynamics and Vibration Engineering SM. Recent Advances in Machinery Diagnostics, Modal Analysis, Measurement & Signal Processing <i>Yu Guo, Kunming University of Science and Technology, Session Chair</i> <i>Nan Pan, Kunming University of Science & Technology, Session Chair</i>	
		D3-1 9:00	D3-9 11:00
		J5044- Robust Optimization of Micro-accelerometer with Piezoelectric Thin Films Using Surrogate Modeling and Soft Outer Array Design <i>Chaio-Kai Chang and Jyh-Cheng Yu</i>	SM5012- Fabrication and Simulation of Self-Focusing Field Emission X-ray Tubes <i>Kevin Cheng, Yi-Ping Chou, Meng-Jey Youh, Yih-Ming Liu, Ming-Der Ger, Kung-Hsu Hou, Nen-Wen Pu</i>
		D3-2 9:15	D3-10 11:15
		SM5001- Improved Narrowband Demodulation Scheme for Gear Fault Diagnosis <i>Yu Guo, Qian-Nan Liu, Xing Wu, Jing Na</i>	C5005- An Unambiguous Correlation Function for Sine-Phased and Cosine-Phased BOC Signal Tracking <i>Keunhong Chae, Seong Ro Lee, Sunghyuk Woo, Seungsoo Yoo, Sun Yong Kim, Gyu-In Jee, Huaping Liu, Dong-Jin Yeom, and Seokho Yoon</i>
		D3-3 9:30	D3-11 11:30
		J5013- Machining of Invar(Fe-Ni) Film Using Electrodes Array in Pulsed Electrochemical Micro Machining <i>Kwang-Ho Chun, Seung-Geon Choi, Eun-Sang Lee</i>	C5006- A Three-Stage Side-Peak Cancellation Scheme for Unambiguous CBOC(6,1,1/11) Signal Tracking <i>Keunhong Chae, Seong Ro Lee, Sunghyuk Woo, Seungsoo Yoo, Sun Yong Kim, Gyu-In Jee, Huaping Liu, Dong-Jin Yeom, and Seokho Yoon</i>
		D3-4 9:45	D3-12 11:45
		J5012- Electrochemical Micro Machining Characteristics of Fe64Ni36 Invar Film Using Micro WC Rod Electrode <i>Woong-Kirl Choi, Seong-Hyun Kim and Eun-Sang Lee</i>	SA5031- Vibration of an Air Coupled Driver's Head <i>Jung-Ge Tseng, Bo-Wun Huang, Yu-Xian Qiu, Xin-Huan Wang</i>
		D3-5 10:00	
J5001- Bearing Compound Fault Acoustic Diagnosis based on Improved Blind Deconvolution Algorithm <i>Nan Pan, Xing Wu, Yu Guo, Zeguang Yi</i>			
D3-6 10:15			
J5016- Performance Investigation of an SI Engine with Variable Valve Timing and Lift based on Magneto-Rheological Valve <i>Yaojung Shiao, Wen-Shin Cheng</i>			
D3-7 10:30			
J5018- A Study on Fine Sheet Metal Electro Chemical Micro Machining Characteristics with Nano Pulse Factors <i>Seong-Hyun Kim, Woong-Kirl Choi, Eun-Sang Lee</i>			
D3-8 10:45			
SM5005- Research on Condition Monitoring of Industrial Robot Reducer with Acoustic Emission Technology <i>Xiaoqin Liu, Xing Wu, Chang Liu, Tao Liu</i>			

		Room A (6F- Li)	Room B (6F- Boardroom)
1st November (Sun.)	Oral Session 4 13:00 15:30	A4, B. Mechatronic and Robotics Engineering H. Automation Engineering L. Environmental, Food, Health Science & Technology ST. Swarm Intelligence and Innovation of Power Engineering Applications WD. Medical Devices, Biomedical Materials, Measurement and Instrumentation <i>Chang-Huang Chen, Tungnan University, Session Chair</i> <i>Te-Kwei Wang, Ming Chi University of Technology, Session Chair</i>	B4. SI. Recent Advances in Infrastructure Technologies SJ. Recent Advances in Civil Engineering and Construction Materials <i>Wei-Ting Lin, National Ilan University, Session Chair</i> <i>Dae-Jin Kim, Kyung Hee University, Session Chair</i>
		A4-1 13:00	B4-1 13:00
		ST5001- Modified Bare Bone Particle Swarm Optimization <i>Chang-Huang Chen and Chih-Ming Lin</i>	SI5018- Seismic Performance of Reinforced Concrete Frames Retrofitted with Inserted Steel Frame and Adhered Waved Steel Panel <i>Namshik Ahn, Min Sook Kim, Seong-Eon Song, Young Hak Lee</i>
		A4-2 13:15	B4-2 13:15
		ST5002- Economic Power Dispatch by Modified Quantum-behaved Particle Swarm Optimization <i>Chang-Huang Chen</i>	SI5025- Generalized Finite Element Analysis Using the Preconditioned Conjugate Gradient Method <i>C. Armando Duarte, Sung-Gul Hong, Dae-Jin Kim</i>
		A4-3 13:30	B4-3 13:30
		ST5003- Bridgeless Power Factor Corrector for a Permanent Magnet Synchronous Motor Driver <i>Chih-Ming Lin, Te-Kwei Wang, Fu-Chia Wang, Chang-Hao Hsu</i>	SI5029- Bond Strength Estimation Model for Lap-Spliced Reinforcing Bars Considering Multi-axial Stress Conditions Induced in Surrounding Concrete <i>Soon-Bum Ka, Eun-Ji Lee, Jin-Ha Hwang, Sun-Jin Han, Deuck Hang Lee, and Kang Su Kim</i>
		A4-4 13:45	B4-4 13:45
		ST5004- Application of the NTP to a Power System Stability Measurement System <i>Te-Kwei Wang</i>	SI5030- Response of Pre-Damaged RC Members Strengthened by Unbonded Tendons <i>Sang-Hum Cho, Deuck Hang Lee, Jae-Yuel Oh, Hyunjin Ju, and Kang Su Kim</i>
		A4-5 14:00	B4-5 14:00
		B5007- Partitioning and Leaching Characteristics of Hazardous Heavy Metals in APC Residues from MSW Incineration <i>Chien-Hsing Lu, Kui-Hao Chuang, Ming-Yen Wey</i>	SJ5003- Centrifuge Shaking Table Tests on Effect of Vertical Drain Systems for Liquefied Soil <i>Wen-Yi Hung, Chung-Jung Lee</i>
		A4-6 14:15	B4-6 14:15
		H5002- Development of Light-Weight Magneto-Rheological Brake for Adaptive Knee Orthosis <i>Yaojung Shiao, chien-Hung Lai, Tingyen Lin</i>	SJ5006- An Experimental Study on Concrete Barrier of Modular Bridge <i>Hoseong Jeong, Dooyong Cho, Jinwoong Choi, Wooseok Kim</i>
		A4-7 14:30	B4-7 14:30
WD5010- Development a Polymer-Based Electronic Pulse Diagnosis Instrument for Measuring and Analyzing Pulse Wave Velocity <i>Hsi-Chiang Chou, Kai-Jie Lin, Yi-Cheng Tsai</i>	SJ5018- Chloride Ion Transport Behavior of Materials Based on Cement under Different Storing Environment Temperature <i>Tsai-Lung Weng, Shih-Han Weng</i>		
A4-8 14:45	B4-8 14:45		
WD5011- Design Intelligent Wheelchair with ECG Measurement and Wireless Transmission Function <i>Hsi-Chiang Chou, Yi-Ming Wang, Huai-Yuan Chang</i>	SJ5019- Risk Assessment Model for Reinforced Concrete Buildings Containing High Levels of Chloride Ions <i>Tsai-Lung Weng</i>		
A4-9 15:00	B4-9 15:00		
WD5017- Effect of 3D 2% Weight/volume Chitosan Scaffold on New Bone Formation in a Rabbit Calvarial Defect <i>Thongchai Nuntanaranont, Bounthone Bounmanatham, Suttatip Kamolmatyakul</i>	SJ5013- Mechanical Properties and Durability of Concrete Containing Calcium Fluoride Sludge <i>An Cheng</i>		
A4-10 15:15	B4-10 15:15		
L5004- Greenness and Livability: An Interwoven Approach to Successful Environmental Planning <i>Hui-Ting Tang, Yuh-Ming Lee</i>	SJ5014- Structural Degradation Assessment of Reinforced Concrete Structures using Self-diagnosis Technology <i>An Cheng</i>		

		Room C (7F- Confucius)	Room D (7F- Mean)
1st November (Sun.)	Oral Session 4 13:00 15:30	C4. O. Other Engineering and Technology Related Topics SC. Multimedia Application and Tools SO. Clinical Optics <i>Jia-Shing Sheu, National Taipei university of Education, Session Chair</i> <i>Ching-Yi Wang, Tatung University, Session Chair</i>	D4. TC. Architecture and Building Materials WA. Biocomputing and Bioinformatics WC. Health Care Technology <i>Jium-Ming Lin, Chung-Hua University, Session Chair</i> <i>Yeong-Lin Lai, National Changhua University of Education, Session Chair</i>
		C4-1 13:00	D4-1 13:00
		SC5003- Implementation of an Interactive TV Interface via Gesture and Handwritten Numeral Recognition <i>Jia-Shing Sheu and Ya-Ling Huang</i>	WC5003- A Novel Wireless Health Monitor by Using a Wearable Rubber Glove with Three-Dimensional Scanning Elastic Electrodes to Measure Acupuncture Bio-Potentials and Impedances of a Whole Palm <i>Jium-Ming Lin, Cheng-Hung Lin</i>
		C4-2 13:15	D4-2 13:15
		SC5007- Realization of an Ethernet-based Synchronous Audio Playback System <i>Jia-Shing Sheu, Ho-Nien Shou, and Wei-Jun Lin</i>	WC5004- Study on Community Tai Chi Chuan Participants' Leisure Benefits and Well-being: Using Taoyuan City as an Example <i>Cheng-Jong Lee, Chun-Chi Tseng, Mei-Yu Liu</i>
		C4-3 13:30	D4-3 13:30
		SC5010- Developed 3D Game-Based Rehabilitation System to Explore the Related Factors of TKR Patient'S Rehabilitation Achievement <i>Chung-Ho Su</i>	WC5009- Key Success Factors for Clinical Knowledge Management Systems: Comparing Physician and Hospital Manager Viewpoints <i>Shofang Chang, Ping-Jung Hsieh, Hui-Fang Chen</i>
		C4-4 13:45	D4-4 13:45
		SC5017- Reversible Data Hiding Using Content-Based Scan and Histogram Shifting <i>Ming-Ni Wu, Guan-Sheng Chen</i>	WC5015- Development of Wrist Rehabilitation Robot and Its Interface System <i>Ikuo Yamamoto and Miki Matusi, Naohiro Inagawa, Kenji Hachisuka, Futoshi Wada, and Akiko Hachisuka</i>
		C4-5 14:00	D4-5 14:00
		O5009- Research on Life Cycle Affordability Management of Aeronautic Equipment <i>Xiao-Cui Li, Wei Wang</i>	WC5022- Body Turning Recording and Notification System for the Care of Bed Bound Patients <i>Rong-Shue Hsiao, Zhenqiang Mi, Bo-Ru Yang, Lih-Jen Kau, Mekuanint Agegnehu Bitew, Tzu-Yu Li</i>
		C4-6 14:15	D4-6 14:15
		O5010- Application of Taguchi Method to Improve Imbalance Filling of Multi-cavity Tooling During the Auto Locks Parts Injection Molding <i>Wei-Tai Huang, Der-Ho Wu, Chia-Lun Tsai</i>	WC5029- An Intelligent RFID Health Monitoring System <i>Yeong-Lin Lai, Chih-Cheng Chen</i>
		C4-7 14:30	D4-7 14:30
O5011- Application of the Solar Energy used in Cooling System of Internal Vehicle <i>Wan-Yi Lu, Fa-Ta Tsai, Rwei-Ching Chang</i>	WA5002- Numerical Evaluation and Experimental Validation of Vascular Access Stenosis Estimation <i>Weiling Chen, Cheng Dann Kan and Rui-Hung Kao</i>		
C4-8 14:45	D4-8 14:45		
O5013- Optimum Process Mean, Standard Deviation, and Specification Limits Settings Under the Burr Distribution <i>Chung-Ho Chen and Chao-Yu Chou</i>	WA5007- Multivariate Adaptive Regression Splines Based Prediction of Peak Expiratory Flow with Spirometric Data <i>Pramila Vijayaraghavan and Mahesh Veezhinathan</i>		
C4-9 15:00	D4-9 15:00		
O5001- An Event-related Potential Study of Expertise Effects for Artistic Furniture <i>Ching-Yi Wang, Ming-Huang Lin, and Shih-Kuen Cheng</i>	TC5007- Thermal Performance Evaluation of the Paper Honeycomb Board Used as Insulation Material <i>Kanshu Kobayashi, Hiroshi Matsumoto</i>		
C4-10 15:15	D4-10 15:15		
SO5001- Characteristics of Visual Fatigue under the Effect of 3D Animation <i>Yu-Shuo Chang, Kwong-Chung Tung, Ya-Hsin Hsueh</i>	TC5018- Study on Sintering System of Calcium Barium Sulphoaluminate by XRD Quantitative Analysis <i>Jun Chang, Xiaopeng Shang, Jiuye Zhao</i>		

		Room A (6F- Li)	Room B (6F- Boardroom)
1st November (Sun.)	Oral Session 5 15:45 17:45	A5. K. Nanotechnology WB. Biomechanics SX. Recent Advances in Microtechnology SW. Recent Advances in Biomaterials <i>Jian-Neng Wang, National Yunlin University of Science and Technology, Session Chair</i> <i>Ming Chang, Chung Yuan Christian University, Session Chair</i>	B5. M. Innovation Management <i>Min-Ren Yan, Chinese Culture University, Session Chair</i> <i>Ming-Der Yang, National Chung Hsing University Session Chair</i>
		A5-1 15:45	B5-1 15:45
		WB5001- Double Closed-Loop Cascade Control for Lower Limb Exoskeleton with Series Elastic Actuator <i>Yanhe Zhu, Tianjiao Zheng, Hongzhe Jin, Jixing Yang and Jie Zhao</i>	M5003- Strategic Product Innovations and Dynamic Pricing Models in Oligopolistic Industrial Engine Market <i>Min-Ren Yan and Danh-Nhan Tran</i>
		A5-2 16:00	B5-2 16:00
		WB5006- Stretched Exponential Function for Quantitative Analysis of the Stress Relaxation Behavior of the Ankle Ligament Complex <i>Che-Yu Lin, Yio-Wha Shau, Chung-Li Wang, Jiunn-Horng Kang</i>	M5006- Do Peak/Slack Seasons Influence Semiconductor Machine Outliers? a Back Propagation Neural Network Analysis <i>Keng-Chieh Yang, Chia-Hui Huang, Po-Hong Shih</i>
		A5-3 16:15	B5-3 16:15
		SX5003- All-Fiber Microfluidic Multimode Mach-Zehnder Interferometers as High Sensitivity Refractive Index Sensors <i>Chien-Hsing Chen, Wei-Te Wu, Jian-Neng Wang</i>	M5008- Five-force Analysis of Micro-scale Manufacture Using 3D Printing <i>Yi-Ping Chen and Ming-Der Yang</i>
		A5-4 16:30	B5-4 16:30
		SX5006- Magnetic Control of Fe3O4 Nanomaterial for Fat Ablation in Microchannel <i>Ming Chang, Ming-Yi Chang, Pei Yu Chao, Jacque Lynn Gabayno</i>	M5010- A Study on Triple Button Line of Campus Sports Facilities Management <i>Tsu-Lin Yeh, Hsia-Hung Ou</i>
		A5-5 16:45	B5-5 16:45
SX5007- Study and Design of Switch-based Memristor Technology Integration on Flexible Substrate <i>Jiaying Jian, Arnaud Vena, Honglong Chang, Brice Sorli, Fange Chang</i>			
A5-6 17:00	B5-6 17:00		
SW5007- Molecular Dynamics Simulation of the Effect of Angle Variation on Water Permeability through Hourglass-Shaped Nanopores <i>Dai Tang, Longnan Li, Yeong-Eun Yoo, Daejoong Kim</i>			
A5-7 17:15	B5-7 17:15		
K5004- Improving Electrospinnability of Alginate/PEO Solutions: Hydrolysis Effect of Alginate Polymer <i>Teboho Clement Mokhena, Nokwindla Valencia Jacobs, Adriaan Stephanus Luyt</i>			
A5-8 17:30	B5-8 17:30		

		Room C (7F- Confucious)	Room D (7F- Mean)
1st November (Sun.)	Oral Session 5 15:45 17:45	C5. G. Green Technology & Civil Engineering TA. Civil & Structure Engineering TB. Environmental Engineering O. Other Engineering and Technology Related Topics <i>Chiu-Jen Ku, Shantou University, Session Chair</i> <i>I-Jyh Wen, National Yunlin University of Science and Technology, Session Chair</i>	D5. SE. Intelligent System SG. Recent Advances in Mechanism and Machine Design WF. Modeling, Simulation, Systems and Control <i>Chaur-Luh Tsai, National Kaohsiung Marine University, Session Chair</i> <i>Jie-Tong Zou, National Formosa University, Session Chair</i>
		C5-1 15:45	D5-1 15:45
		TA5016- Singular Spectrum Analysis: a Solution for Modal Parameter Identification from Force-embedded Acceleration Data of Linear Dynamic Systems <i>Chiu-Jen Ku, Li-Shu Chou</i>	SE5001- The Development of Portable Intelligent Battery Management System with Adaptive Charging Method <i>Shih-Sung Lin, Chien-Wu Lan, Hsueh-Ying Liu, Lin-Huei Chen, Tien-Cheng Huang</i>
		C5-2 16:00	D5-2 16:00
		TA5020- Failure Mode Analysis of CEI (Concrete-Epoxy Interface) Subjected to Combined Conditions of Sustained Loading and Temperature <i>Yoseok Jeong, Jaeha Lee, WooSeok Kim, Geunhyung Min</i>	SE5005- Design and Implementation of a Sub-optimal Algorithm Second-Order Sliding Mode Controller for a Synchronous Reluctance Motor Speed Drive <i>Huann-Keng Chiang, Wen-Bin Lin</i>
		C5-3 16:15	D5-3 16:15
		TB5020- Lean Management System with Game theory in Asphalt Concrete Pavement <i>Min-Che Ho, Kawai Kenji, Jyh-Dong Lin</i>	SE5009- The Application of Ultrasonic Indoor Positioning System to Indoor Navigation of Omni-directional Mobile Robot <i>Jie-Tong Zou, Chi-Yi Wang</i>
		C5-4 16:30	D5-4 16:30
		TA5022- Research on Highway Construction Project Investment Risk Evaluation Based on BP Neural Network <i>Li Ma, Shi-Han Bi and Yi-Ming Chang</i>	SE5010- The Development of Tilt-Rotor Unmanned Aerial Vehicle <i>Jie-Tong Zou, Pan,Zheng-Yan</i>
		C5-5 16:45	D5-5 16:45
O5004- The Assessment of the Application of Intelligent Disaster Equipment in Historic Buildings <i>I-Jyh Wen, Hsu-Tang Lin</i>	WF5003- The Insurance Behavior Model of Workers in the Container Terminal Operation Context <i>Chaur-Luh Tsai</i>		
C5-6 17:00	D5-6 17:00		
G5007- High-Efficient Energy Harvester in Establishing Self-Support Supply System <i>Kanjuro Makihara</i>	WF5005- Design of a Golf Swing Injury Detection and Evaluation Open Service Platform with Ontology-oriented Clustering Case-based Reasoning Mechanism <i>Hao-Hsiang Ku</i>		
C5-7 17:15	D5-7 17:15		
	SG5012- Hand Tool Handle Design based on Human-hand Contour Measurements <i>Ching-Yi Wang</i>		
C5-8 17:30	D5-8 17:30		